

supplemental Table 1

Compounds	Q1 (Da)	molecular weight (Da)	Ionization model	Formula
(±)12-HEPE	3.17E+02	3.18E+02	[M-H]-	C20H30O3
(±)12-HETE	3.19E+02	3.20E+02	[M-H]-	C20H32O3
(±)15-HETE	3.19E+02	3.20E+02	[M-H]-	C20H32O3
(±)5-HETE	3.19E+02	3.20E+02	[M-H]-	C20H32O3
11(S)-HETE	3.19E+02	3.20E+02	[M-H]-	C20H32O3
12,13-EpOME	2.95E+02	2.96E+02	[M-H]-	C18H32O3
12-Oxochenodeoxycholic acid	4.05E+02	4.06E+02	[M-H]-	C24H38O3
14(S)-HDHA	3.43E+02	3.44E+02	[M-H]-	C22H32O3
3-oxodeoxycholic acid	3.89E+02	3.90E+02	[M-H]-	C24H38O3
6,7-diketolithocholic acid	4.03E+02	4.04E+02	[M-H]-	C24H38O3
9,10-DiHOME	3.13E+02	3.14E+02	[M-H]-	C18H34O4
9,10-EpOME	2.95E+02	2.96E+02	[M-H]-	C18H32O3
BMP(16:1_22:6)	8.11E+02	7.92E+02	[M+NH4]+	C44H73O10P
BMP(18:1_20:4)	8.15E+02	7.97E+02	[M+NH4]+	C44H77O10P
BMP(18:1_22:4)	8.43E+02	8.25E+02	[M+NH4]+	C46H81O10P
BMP(18:1_22:6)	8.39E+02	8.21E+02	[M+NH4]+	C46H77O10P
BMP(18:2_20:4)	8.13E+02	7.95E+02	[M+NH4]+	C44H75O10P
BMP(18:2_20:5)	8.11E+02	7.92E+02	[M+NH4]+	C44H73O10P
BMP(18:2_22:5)	8.39E+02	8.21E+02	[M+NH4]+	C46H77O10P
BMP(18:2_22:6)	8.37E+02	8.19E+02	[M+NH4]+	C46H75O10P
BMP(18:3_22:6)	8.35E+02	8.16E+02	[M+NH4]+	C46H73O10P
BMP(20:4_20:4)	8.37E+02	8.19E+02	[M+NH4]+	C46H75O10P
BMP(20:4_22:6)	8.61E+02	8.43E+02	[M+NH4]+	C48H75O10P
BMP(20:5_22:6)	8.59E+02	8.40E+02	[M+NH4]+	C48H73O10P
BMP(22:5_22:6)	8.87E+02	8.69E+02	[M+NH4]+	C50H77O10P
BMP(22:6_22:6)	8.85E+02	8.67E+02	[M+NH4]+	C50H75O10P
CE(16:0)	6.43E+02	6.25E+02	[M+NH4]+	C43H76O2
CE(16:1)	6.41E+02	6.23E+02	[M+NH4]+	C43H74O2
CE(17:1)	6.55E+02	6.37E+02	[M+NH4]+	C44H76O2
CE(18:0)	6.71E+02	6.53E+02	[M+NH4]+	C45H80O2
CE(18:1)	6.69E+02	6.51E+02	[M+NH4]+	C45H78O2
CE(18:2)	6.67E+02	6.49E+02	[M+NH4]+	C45H76O2
CE(18:3)	6.65E+02	6.47E+02	[M+NH4]+	C45H74O2
CE(20:1)	6.97E+02	6.79E+02	[M+NH4]+	C47H82O2
CE(20:2)	6.95E+02	6.77E+02	[M+NH4]+	C47H80O2
CE(20:3)	6.93E+02	6.75E+02	[M+NH4]+	C47H78O2
CE(20:4)	6.91E+02	6.73E+02	[M+NH4]+	C47H76O2
CE(20:5)	6.89E+02	6.71E+02	[M+NH4]+	C47H74O2
CE(22:4)	7.19E+02	7.01E+02	[M+NH4]+	C49H80O2
CE(22:6)	7.15E+02	6.97E+02	[M+NH4]+	C49H76O2
CE(24:1)	7.53E+02	7.35E+02	[M+NH4]+	C51H90O2
Carnitine C10:0	3.16E+02	3.15E+02	[M+H]+	C17H33NO4
Carnitine C10:2	3.12E+02	3.11E+02	[M+H]+	C17H29NO4
Carnitine C12:OH	3.60E+02	3.59E+02	[M+H]+	C19H37NO5
Carnitine C12:0	3.44E+02	3.43E+02	[M+H]+	C19H37NO4
Carnitine C12:1	3.42E+02	3.41E+02	[M+H]+	C19H35NO4
Carnitine C12:1-2OH	3.74E+02	3.73E+02	[M+H]+	C19H35NO6
Carnitine C13:0	3.58E+02	3.57E+02	[M+H]+	C20H39NO4
Carnitine C14:OH	3.88E+02	3.87E+02	[M+H]+	C21H41NO5
Carnitine C14:0	3.72E+02	3.71E+02	[M+H]+	C21H41NO4

Carnitine C14:1	3.70E+02	3.69E+02	[M+H] ⁺	C21H39NO4
Carnitine C14:1-OH	3.86E+02	3.85E+02	[M+H] ⁺	C21H39NO5
Carnitine C15:0	3.86E+02	3.85E+02	[M+H] ⁺	C22H43NO4
Carnitine C15:1	3.84E+02	3.83E+02	[M+H] ⁺	C22H41NO4
Carnitine C16-OH	4.16E+02	4.15E+02	[M+H] ⁺	C23H45NO5
Carnitine C16:0	4.00E+02	3.99E+02	[M+H] ⁺	C23H45NO4
Carnitine C16:1	3.98E+02	3.97E+02	[M+H] ⁺	C23H43NO4
Carnitine C16:1-OH	4.14E+02	4.13E+02	[M+H] ⁺	C23H43NO5
Carnitine C16:2	3.96E+02	3.95E+02	[M+H] ⁺	C23H41NO4
Carnitine C17:0	4.14E+02	4.13E+02	[M+H] ⁺	C24H47NO4
Carnitine C17:1	4.12E+02	4.11E+02	[M+H] ⁺	C24H45NO4
Carnitine C18-OH	4.44E+02	4.43E+02	[M+H] ⁺	C25H49NO5
Carnitine C18:0	4.28E+02	4.27E+02	[M+H] ⁺	C25H49NO4
Carnitine C18:1	4.26E+02	4.25E+02	[M+H] ⁺	C25H47NO4
Carnitine C18:1-OH	4.42E+02	4.41E+02	[M+H] ⁺	C25H47NO5
Carnitine C18:2	4.24E+02	4.23E+02	[M+H] ⁺	C25H45NO4
Carnitine C18:2-OH	4.40E+02	4.39E+02	[M+H] ⁺	C25H45NO5
Carnitine C18:3	4.22E+02	4.21E+02	[M+H] ⁺	C25H43NO4
Carnitine C19:1	4.40E+02	4.39E+02	[M+H] ⁺	C26H49NO4
Carnitine C20:0	4.56E+02	4.55E+02	[M+H] ⁺	C27H53NO4
Carnitine C20:2	4.52E+02	4.51E+02	[M+H] ⁺	C27H49NO4
Carnitine C20:3	4.50E+02	4.49E+02	[M+H] ⁺	C27H47NO4
Carnitine C20:4	4.48E+02	4.47E+02	[M+H] ⁺	C27H45NO4
Carnitine C20:5	4.46E+02	4.45E+02	[M+H] ⁺	C27H43NO4
Carnitine C21:0	4.70E+02	4.69E+02	[M+H] ⁺	C28H55NO4
Carnitine C21:2	4.66E+02	4.65E+02	[M+H] ⁺	C28H51NO4
Carnitine C22:0	4.84E+02	4.83E+02	[M+H] ⁺	C29H57NO4
Carnitine C22:1	4.82E+02	4.81E+02	[M+H] ⁺	C29H55NO4
Carnitine C22:2	4.80E+02	4.79E+02	[M+H] ⁺	C29H53NO4
Carnitine C22:3	4.78E+02	4.77E+02	[M+H] ⁺	C29H51NO4
Carnitine C22:4	4.76E+02	4.75E+02	[M+H] ⁺	C29H49NO4
Carnitine C22:5	4.74E+02	4.73E+02	[M+H] ⁺	C29H47NO4
Carnitine C22:6	4.72E+02	4.71E+02	[M+H] ⁺	C29H45NO4
Carnitine C2:0	2.04E+02	2.03E+02	[M+H] ⁺	C9H17NO4
Carnitine C3:0	2.18E+02	2.17E+02	[M+H] ⁺	C10H19NO4
Carnitine C3:1-2OH	2.48E+02	2.47E+02	[M+H] ⁺	C10H17NO6
Carnitine C4-OH	2.48E+02	2.47E+02	[M+H] ⁺	C11H21NO5
Carnitine C4:0	2.32E+02	2.31E+02	[M+H] ⁺	C11H21NO4
Carnitine C4:1-2OH	2.62E+02	2.61E+02	[M+H] ⁺	C11H19NO6
Carnitine C5-OH	2.62E+02	2.61E+02	[M+H] ⁺	C12H23NO5
Carnitine C5:0	2.46E+02	2.45E+02	[M+H] ⁺	C12H23NO4
Carnitine C5:1	2.44E+02	2.43E+02	[M+H] ⁺	C12H21NO4
Carnitine C5:1-2OH	2.74E+02	2.73E+02	[M+H] ⁺	C12H19NO6
Carnitine C6-2OH	2.90E+02	2.89E+02	[M+H] ⁺	C13H23NO6
Carnitine C6-OH	2.76E+02	2.75E+02	[M+H] ⁺	C13H25NO5
Carnitine C6:0	2.60E+02	2.59E+02	[M+H] ⁺	C13H25NO4
Carnitine C6:1	2.58E+02	2.57E+02	[M+H] ⁺	C13H23NO4
Carnitine C8:0	2.88E+02	2.87E+02	[M+H] ⁺	C15H29NO4
Carnitine C8:1	2.86E+02	2.85E+02	[M+H] ⁺	C15H27NO4
Cer(d14:3/27:1(2OH))	6.29E+02	6.46E+02	[M-H2O+H] ⁺	C41H75NO4
Cer(d16:0/18:0)	5.23E+02	5.40E+02	[M-H2O+H] ⁺	C34H69NO3
Cer(d16:0/18:1)	5.21E+02	5.38E+02	[M-H2O+H] ⁺	C34H67NO3
Cer(d16:1/16:0)	4.92E+02	5.09E+02	[M-H2O+H] ⁺	C32H63NO3
Cer(d16:1/18:0)	5.21E+02	5.38E+02	[M-H2O+H] ⁺	C34H67NO3

Cer(d16:1/20:0)	5.49E+02	5.66E+02	[M-H2O+H]+	C36H71NO3
Cer(d16:1/22:0)	5.77E+02	5.94E+02	[M-H2O+H]+	C38H75NO3
Cer(d16:1/23:0)	5.91E+02	6.08E+02	[M-H2O+H]+	C39H77NO3
Cer(d16:1/24:0)	6.05E+02	6.22E+02	[M-H2O+H]+	C40H79NO3
Cer(d16:1/24:1)	6.03E+02	6.20E+02	[M-H2O+H]+	C40H77NO3
Cer(d16:1/24:2)	6.01E+02	6.18E+02	[M-H2O+H]+	C40H75NO3
Cer(d16:1/26:0)	6.33E+02	6.50E+02	[M-H2O+H]+	C42H83NO3
Cer(d16:1/26:1)	6.31E+02	6.48E+02	[M-H2O+H]+	C42H81NO3
Cer(d17:0/18:1)	5.35E+02	5.52E+02	[M-H2O+H]+	C35H69NO3
Cer(d17:1/14:0)	4.78E+02	4.95E+02	[M-H2O+H]+	C31H61NO3
Cer(d17:1/16:0)	5.06E+02	5.23E+02	[M-H2O+H]+	C33H65NO3
Cer(d17:1/18:0)	5.35E+02	5.52E+02	[M-H2O+H]+	C35H69NO3
Cer(d17:1/20:0)	5.63E+02	5.80E+02	[M-H2O+H]+	C37H73NO3
Cer(d17:1/21:0)	5.77E+02	5.94E+02	[M-H2O+H]+	C38H75NO3
Cer(d17:1/22:1)	5.89E+02	6.06E+02	[M-H2O+H]+	C39H75NO3
Cer(d17:1/23:1)	6.03E+02	6.20E+02	[M-H2O+H]+	C40H77NO3
Cer(d17:1/24:0)	6.19E+02	6.36E+02	[M-H2O+H]+	C41H81NO3
Cer(d17:1/24:1)	6.17E+02	6.34E+02	[M-H2O+H]+	C41H79NO3
Cer(d17:1/25:1)	6.31E+02	6.48E+02	[M-H2O+H]+	C42H81NO3
Cer(d17:2/40:0(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d18:0/16:0)	5.23E+02	5.40E+02	[M-H2O+H]+	C34H69NO3
Cer(d18:0/18:0(2OH))	5.67E+02	5.84E+02	[M-H2O+H]+	C36H73NO4
Cer(d18:0/18:0)	5.51E+02	5.68E+02	[M-H2O+H]+	C36H73NO3
Cer(d18:0/18:1)	5.49E+02	5.66E+02	[M-H2O+H]+	C36H71NO3
Cer(d18:0/18:2)	5.47E+02	5.64E+02	[M-H2O+H]+	C36H69NO3
Cer(d18:0/19:1)	5.63E+02	5.80E+02	[M-H2O+H]+	C37H73NO3
Cer(d18:0/20:0)	5.79E+02	5.96E+02	[M-H2O+H]+	C38H77NO3
Cer(d18:0/22:0(2OH))	6.23E+02	6.40E+02	[M-H2O+H]+	C40H81NO4
Cer(d18:0/22:0)	6.07E+02	6.24E+02	[M-H2O+H]+	C40H81NO3
Cer(d18:0/22:1(2OH))	6.21E+02	6.38E+02	[M-H2O+H]+	C40H79NO4
Cer(d18:0/23:0)	6.21E+02	6.38E+02	[M-H2O+H]+	C41H83NO3
Cer(d18:0/24:0)	6.35E+02	6.52E+02	[M-H2O+H]+	C42H85NO3
Cer(d18:0/24:1)	6.33E+02	6.50E+02	[M-H2O+H]+	C42H83NO3
Cer(d18:1/14:0)	4.92E+02	5.09E+02	[M-H2O+H]+	C32H63NO3
Cer(d18:1/15:0)	5.06E+02	5.23E+02	[M-H2O+H]+	C33H65NO3
Cer(d18:1/15:1(2OH))	5.20E+02	5.37E+02	[M-H2O+H]+	C33H63NO4
Cer(d18:1/16:0(2OH))	5.55E+02	5.54E+02	[M+H]+	C34H67NO4
Cer(d18:1/16:0)	5.21E+02	5.38E+02	[M-H2O+H]+	C34H67NO3
Cer(d18:1/16:1(2OH))	5.34E+02	5.51E+02	[M-H2O+H]+	C34H65NO4
Cer(d18:1/16:1)	5.18E+02	5.35E+02	[M-H2O+H]+	C34H65NO3
Cer(d18:1/17:0)	5.35E+02	5.52E+02	[M-H2O+H]+	C35H69NO3
Cer(d18:1/18:0(2OH))	5.65E+02	5.82E+02	[M-H2O+H]+	C36H71NO4
Cer(d18:1/18:0)	5.49E+02	5.66E+02	[M-H2O+H]+	C36H71NO3
Cer(d18:1/18:1)	5.47E+02	5.64E+02	[M-H2O+H]+	C36H69NO3
Cer(d18:1/19:0)	5.63E+02	5.80E+02	[M-H2O+H]+	C37H73NO3
Cer(d18:1/20:0)	5.77E+02	5.94E+02	[M-H2O+H]+	C38H75NO3
Cer(d18:1/20:1)	5.75E+02	5.92E+02	[M-H2O+H]+	C38H73NO3
Cer(d18:1/21:0(2OH))	6.07E+02	6.24E+02	[M-H2O+H]+	C39H77NO4
Cer(d18:1/21:0)	5.91E+02	6.08E+02	[M-H2O+H]+	C39H77NO3
Cer(d18:1/22:0(2OH))	6.39E+02	6.38E+02	[M+H]+	C40H79NO4
Cer(d18:1/22:0)	6.05E+02	6.22E+02	[M-H2O+H]+	C40H79NO3
Cer(d18:1/22:1)	6.03E+02	6.20E+02	[M-H2O+H]+	C40H77NO3
Cer(d18:1/22:2)	6.01E+02	6.18E+02	[M-H2O+H]+	C40H75NO3
Cer(d18:1/23:0(2OH))	6.53E+02	6.52E+02	[M+H]+	C41H81NO4

Cer(d18:1/23:0)	6.19E+02	6.36E+02	[M-H2O+H]+	C41H81NO3
Cer(d18:1/23:1)	6.17E+02	6.34E+02	[M-H2O+H]+	C41H79NO3
Cer(d18:1/24:0(2OH))	6.67E+02	6.66E+02	[M+H]+	C42H83NO4
Cer(d18:1/24:0)	6.33E+02	6.50E+02	[M-H2O+H]+	C42H83NO3
Cer(d18:1/24:1)	6.31E+02	6.48E+02	[M-H2O+H]+	C42H81NO3
Cer(d18:1/24:2)	6.29E+02	6.46E+02	[M-H2O+H]+	C42H79NO3
Cer(d18:1/25:0(2OH))	6.81E+02	6.80E+02	[M+H]+	C43H85NO4
Cer(d18:1/25:0)	6.47E+02	6.64E+02	[M-H2O+H]+	C43H85NO3
Cer(d18:1/25:1)	6.45E+02	6.62E+02	[M-H2O+H]+	C43H83NO3
Cer(d18:1/26:0)	6.61E+02	6.78E+02	[M-H2O+H]+	C44H87NO3
Cer(d18:1/26:1)	6.59E+02	6.76E+02	[M-H2O+H]+	C44H85NO3
Cer(d18:1/26:2)	6.57E+02	6.74E+02	[M-H2O+H]+	C44H83NO3
Cer(d18:1/40:2(2OH))	8.69E+02	8.86E+02	[M-H2O+H]+	C58H111NO4
Cer(d18:2/14:0)	4.90E+02	5.07E+02	[M-H2O+H]+	C32H61NO3
Cer(d18:2/16:0)	5.18E+02	5.35E+02	[M-H2O+H]+	C34H65NO3
Cer(d18:2/17:0)	5.33E+02	5.50E+02	[M-H2O+H]+	C35H67NO3
Cer(d18:2/18:0)	5.47E+02	5.64E+02	[M-H2O+H]+	C36H69NO3
Cer(d18:2/19:0)	5.61E+02	5.78E+02	[M-H2O+H]+	C37H71NO3
Cer(d18:2/20:0)	5.75E+02	5.92E+02	[M-H2O+H]+	C38H73NO3
Cer(d18:2/21:0)	5.89E+02	6.06E+02	[M-H2O+H]+	C39H75NO3
Cer(d18:2/22:0(2OH))	6.19E+02	6.36E+02	[M-H2O+H]+	C40H77NO4
Cer(d18:2/22:0)	6.03E+02	6.20E+02	[M-H2O+H]+	C40H77NO3
Cer(d18:2/22:1)	6.01E+02	6.18E+02	[M-H2O+H]+	C40H75NO3
Cer(d18:2/23:0)	6.17E+02	6.34E+02	[M-H2O+H]+	C41H79NO3
Cer(d18:2/23:1(2OH))	6.31E+02	6.48E+02	[M-H2O+H]+	C41H77NO4
Cer(d18:2/24:0)	6.31E+02	6.48E+02	[M-H2O+H]+	C42H81NO3
Cer(d18:2/24:1)	6.29E+02	6.46E+02	[M-H2O+H]+	C42H79NO3
Cer(d18:2/24:2)	6.27E+02	6.44E+02	[M-H2O+H]+	C42H77NO3
Cer(d18:2/25:0)	6.45E+02	6.62E+02	[M-H2O+H]+	C43H83NO3
Cer(d18:2/25:1)	6.43E+02	6.60E+02	[M-H2O+H]+	C43H81NO3
Cer(d18:2/26:1)	6.57E+02	6.74E+02	[M-H2O+H]+	C44H83NO3
Cer(d19:1/16:0)	5.35E+02	5.52E+02	[M-H2O+H]+	C35H69NO3
Cer(d19:1/18:0)	5.63E+02	5.80E+02	[M-H2O+H]+	C37H73NO3
Cer(d19:1/22:0)	6.19E+02	6.36E+02	[M-H2O+H]+	C41H81NO3
Cer(d19:1/23:0)	6.33E+02	6.50E+02	[M-H2O+H]+	C42H83NO3
Cer(d19:1/24:1)	6.45E+02	6.62E+02	[M-H2O+H]+	C43H83NO3
Cer(d20:0/18:2)	5.75E+02	5.92E+02	[M-H2O+H]+	C38H73NO3
Cer(d20:1/22:1)	6.31E+02	6.48E+02	[M-H2O+H]+	C42H81NO3
Cer(d20:1/23:1)	6.45E+02	6.62E+02	[M-H2O+H]+	C43H83NO3
Cer(d20:1/24:0(2OH))	6.77E+02	6.94E+02	[M-H2O+H]+	C44H87NO4
Cer(d20:1/24:1(2OH))	6.75E+02	6.92E+02	[M-H2O+H]+	C44H85NO4
Cer(d20:1/24:1)	6.59E+02	6.76E+02	[M-H2O+H]+	C44H85NO3
Cer(d20:1/25:0)	6.75E+02	6.92E+02	[M-H2O+H]+	C45H89NO3
Cer(d20:2/24:0)	6.59E+02	6.76E+02	[M-H2O+H]+	C44H85NO3
Cer(d20:2/24:1)	6.57E+02	6.74E+02	[M-H2O+H]+	C44H83NO3
Cer(d21:2/38:2(2OH))	8.81E+02	8.98E+02	[M-H2O+H]+	C59H111NO4
Cer(d22:0/18:1)	6.05E+02	6.22E+02	[M-H2O+H]+	C40H79NO3
Cer(d22:0/21:1)	6.47E+02	6.64E+02	[M-H2O+H]+	C43H85NO3
Cer(d23:0/18:1)	6.19E+02	6.36E+02	[M-H2O+H]+	C41H81NO3
Cer(d24:0/18:0)	6.35E+02	6.52E+02	[M-H2O+H]+	C42H85NO3
Cer(d24:1/18:0(2OH))	6.49E+02	6.66E+02	[M-H2O+H]+	C42H83NO4
Cer(d24:2/33:0(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d25:2/32:0(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d26:1/31:1(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4

Cer(d26:2/31:0(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d27:1/30:1(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d27:2/30:0(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d27:2/32:1(2OH))	8.83E+02	9.00E+02	[M-H2O+H]+	C59H113NO4
Cer(d28:1/29:1(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d28:2/31:1(2OH))	8.83E+02	9.00E+02	[M-H2O+H]+	C59H113NO4
Cer(d29:1/28:1(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d29:1/30:2(2OH))	8.83E+02	9.00E+02	[M-H2O+H]+	C59H113NO4
Cer(d29:2/28:0(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(d30:1/27:1(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C57H111NO4
Cer(t14:1/24:1(2OH))	6.07E+02	6.24E+02	[M-H2O+H]+	C38H73NO5
Cer(t15:0/22:2)	5.77E+02	5.94E+02	[M-H2O+H]+	C37H71NO4
Cer(t16:1/26:0)	6.49E+02	6.66E+02	[M-H2O+H]+	C42H83NO4
Cer(t16:1/27:0)	6.63E+02	6.80E+02	[M-H2O+H]+	C43H85NO4
Cer(t16:2/22:0(2OH))	6.07E+02	6.24E+02	[M-H2O+H]+	C38H73NO5
Cer(t17:0/22:1)	6.07E+02	6.24E+02	[M-H2O+H]+	C39H77NO4
Cer(t17:0/22:2)	6.05E+02	6.22E+02	[M-H2O+H]+	C39H75NO4
Cer(t17:1/20:0)	5.79E+02	5.96E+02	[M-H2O+H]+	C37H73NO4
Cer(t17:1/22:0)	6.07E+02	6.24E+02	[M-H2O+H]+	C39H77NO4
Cer(t17:1/22:1)	6.05E+02	6.22E+02	[M-H2O+H]+	C39H75NO4
Cer(t17:1/22:2)	6.03E+02	6.20E+02	[M-H2O+H]+	C39H73NO4
Cer(t17:2/16:0)	5.20E+02	5.37E+02	[M-H2O+H]+	C33H63NO4
Cer(t17:2/18:0)	5.49E+02	5.66E+02	[M-H2O+H]+	C35H67NO4
Cer(t17:2/18:1)	5.46E+02	5.63E+02	[M-H2O+H]+	C35H65NO4
Cer(t17:2/20:1)	5.75E+02	5.92E+02	[M-H2O+H]+	C37H69NO4
Cer(t17:2/22:0)	6.05E+02	6.22E+02	[M-H2O+H]+	C39H75NO4
Cer(t17:2/22:1)	6.03E+02	6.20E+02	[M-H2O+H]+	C39H73NO4
Cer(t17:2/23:0)	6.19E+02	6.36E+02	[M-H2O+H]+	C40H77NO4
Cer(t17:2/24:1)	6.31E+02	6.48E+02	[M-H2O+H]+	C41H77NO4
Cer(t17:2/25:0)	6.47E+02	6.64E+02	[M-H2O+H]+	C42H81NO4
Cer(t17:2/26:1)	6.59E+02	6.76E+02	[M-H2O+H]+	C43H81NO4
Cer(t17:2/33:0)	7.59E+02	7.76E+02	[M-H2O+H]+	C50H97NO4
Cer(t17:2/35:0)	7.87E+02	8.04E+02	[M-H2O+H]+	C52H101NO4
Cer(t17:2/35:1)	7.85E+02	8.02E+02	[M-H2O+H]+	C52H99NO4
Cer(t18:0/15:1)	5.22E+02	5.39E+02	[M-H2O+H]+	C33H65NO4
Cer(t18:0/16:0)	5.57E+02	5.56E+02	[M+H]+	C34H69NO4
Cer(t18:0/18:0(2OH))	5.83E+02	6.00E+02	[M-H2O+H]+	C36H73NO5
Cer(t18:0/20:0(2OH))	6.11E+02	6.28E+02	[M-H2O+H]+	C38H77NO5
Cer(t18:0/21:0(2OH))	6.25E+02	6.42E+02	[M-H2O+H]+	C39H79NO5
Cer(t18:0/22:0)	6.41E+02	6.40E+02	[M+H]+	C40H81NO4
Cer(t18:0/24:0)	6.69E+02	6.68E+02	[M+H]+	C42H85NO4
Cer(t18:0/24:1)	6.67E+02	6.66E+02	[M+H]+	C42H83NO4
Cer(t18:1/15:1)	5.20E+02	5.37E+02	[M-H2O+H]+	C33H63NO4
Cer(t18:1/20:1(2OH))	6.07E+02	6.24E+02	[M-H2O+H]+	C38H73NO5
Cer(t18:1/38:2(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C56H107NO5
Cer(t18:2/40:2(2OH))	8.83E+02	9.00E+02	[M-H2O+H]+	C58H109NO5
Cer(t20:1/38:2(2OH))	8.85E+02	9.02E+02	[M-H2O+H]+	C58H111NO5
Cer(t20:2/15:0)	5.49E+02	5.66E+02	[M-H2O+H]+	C35H67NO4
Cer(t20:2/18:0(2OH))	6.07E+02	6.24E+02	[M-H2O+H]+	C38H73NO5
Cer(t20:2/18:1(2OH))	6.05E+02	6.22E+02	[M-H2O+H]+	C38H71NO5
Cer(t20:2/36:1(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C56H107NO5
Cer(t20:2/38:1(2OH))	8.85E+02	9.02E+02	[M-H2O+H]+	C58H111NO5
Cer(t20:2/38:2(2OH))	8.83E+02	9.00E+02	[M-H2O+H]+	C58H109NO5
Cer(t20:2/40:2(2OH))	9.11E+02	9.28E+02	[M-H2O+H]+	C60H113NO5

Cer(t22:1/34:2(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C56H107NO5
Cer(t24:0/18:0)	6.51E+02	6.68E+02	[M-H2O+H]+	C42H85NO4
Cer(t24:0/18:1)	6.49E+02	6.66E+02	[M-H2O+H]+	C42H83NO4
Cer(t24:1/32:2(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C56H107NO5
Cer(t24:2/16:2(2OH))	6.31E+02	6.48E+02	[M-H2O+H]+	C40H73NO5
Cer(t26:1/12:1(2OH))	6.07E+02	6.24E+02	[M-H2O+H]+	C38H73NO5
Cer(t26:1/30:2(2OH))	8.57E+02	8.74E+02	[M-H2O+H]+	C56H107NO5
Cer(t26:2/34:2(2OH))	9.11E+02	9.28E+02	[M-H2O+H]+	C60H113NO5
Cer(t30:0/18:1(2OH))	7.49E+02	7.66E+02	[M-H2O+H]+	C48H95NO5
CerP(d18:1/24:0)	7.29E+02	7.30E+02	[M-H]-	C42H84NO6P
Chenodeoxycholic acid	3.92E+02	3.92E+02	[M-H]-	C24H40O4
Cholesterol	3.69E+02	3.86E+02	[M-H2O+H]+	C27H46O
Coenzyme Q10	8.64E+02	8.63E+02	[M+H]+	C59H90O4
Coenzyme Q8	7.28E+02	7.81E+02	[M+H]+	C53H80O4
Coenzyme Q9	7.96E+02	7.95E+02	[M+H]+	C54H82O4
DG(12:0_20:0)	5.87E+02	5.69E+02	[M+NH4]+	C35H68O5
DG(14:0_16:0)	5.59E+02	5.40E+02	[M+NH4]+	C33H64O5
DG(14:0_16:1)	5.57E+02	5.38E+02	[M+NH4]+	C33H62O5
DG(14:0_18:0)	5.87E+02	5.69E+02	[M+NH4]+	C35H68O5
DG(14:0_18:1)	5.85E+02	5.66E+02	[M+NH4]+	C35H66O5
DG(14:0_18:2)	5.83E+02	5.64E+02	[M+NH4]+	C35H64O5
DG(14:0_20:0)	6.15E+02	5.97E+02	[M+NH4]+	C37H72O5
DG(14:0_22:0)	6.43E+02	6.25E+02	[M+NH4]+	C39H76O5
DG(14:1_22:2)	6.37E+02	6.19E+02	[M+NH4]+	C39H70O5
DG(15:0_18:1)	5.99E+02	5.81E+02	[M+NH4]+	C36H68O5
DG(15:0_18:2)	5.97E+02	5.78E+02	[M+NH4]+	C36H66O5
DG(16:0_16:0)	5.87E+02	5.69E+02	[M+NH4]+	C35H68O5
DG(16:0_16:1)	5.85E+02	5.66E+02	[M+NH4]+	C35H66O5
DG(16:0_17:1)	5.99E+02	5.81E+02	[M+NH4]+	C36H68O5
DG(16:0_18:0)	6.15E+02	5.97E+02	[M+NH4]+	C37H72O5
DG(16:0_18:1)	6.13E+02	5.95E+02	[M+NH4]+	C37H70O5
DG(16:0_18:2)	6.11E+02	5.93E+02	[M+NH4]+	C37H68O5
DG(16:0_18:3)	6.09E+02	5.90E+02	[M+NH4]+	C37H66O5
DG(16:0_19:1)	6.27E+02	6.09E+02	[M+NH4]+	C38H72O5
DG(16:0_20:0)	6.43E+02	6.25E+02	[M+NH4]+	C39H76O5
DG(16:0_20:1)	6.41E+02	6.23E+02	[M+NH4]+	C39H74O5
DG(16:0_20:2)	6.39E+02	6.21E+02	[M+NH4]+	C39H72O5
DG(16:0_20:3)	6.37E+02	6.19E+02	[M+NH4]+	C39H70O5
DG(16:0_20:4)	6.35E+02	6.17E+02	[M+NH4]+	C39H68O5
DG(16:0_20:5)	6.33E+02	6.14E+02	[M+NH4]+	C39H66O5
DG(16:0_22:5)	6.61E+02	6.43E+02	[M+NH4]+	C41H70O5
DG(16:0_22:6)	6.59E+02	6.41E+02	[M+NH4]+	C41H68O5
DG(16:0_24:4)	6.91E+02	6.73E+02	[M+NH4]+	C43H76O5
DG(16:1_16:1)	5.83E+02	5.64E+02	[M+NH4]+	C35H64O5
DG(16:1_18:0)	6.13E+02	5.95E+02	[M+NH4]+	C37H70O5
DG(16:1_18:1)	6.11E+02	5.93E+02	[M+NH4]+	C37H68O5
DG(16:1_18:2)	6.09E+02	5.90E+02	[M+NH4]+	C37H66O5
DG(16:1_18:3)	6.07E+02	5.88E+02	[M+NH4]+	C37H64O5
DG(16:1_20:2)	6.37E+02	6.19E+02	[M+NH4]+	C39H70O5
DG(16:1_20:3)	6.35E+02	6.17E+02	[M+NH4]+	C39H68O5
DG(16:1_20:4)	6.33E+02	6.14E+02	[M+NH4]+	C39H66O5
DG(16:1_22:5)	6.59E+02	6.41E+02	[M+NH4]+	C41H68O5
DG(16:1_22:6)	6.57E+02	6.38E+02	[M+NH4]+	C41H66O5
DG(16:2_18:2)	6.07E+02	5.88E+02	[M+NH4]+	C37H64O5

DG(17:0_18:1)	6.27E+02	6.09E+02	[M+NH4]+	C38H72O5
DG(17:0_18:2)	6.25E+02	6.07E+02	[M+NH4]+	C38H70O5
DG(17:1_18:2)	6.23E+02	6.05E+02	[M+NH4]+	C38H68O5
DG(17:1_20:4)	6.47E+02	6.29E+02	[M+NH4]+	C40H68O5
DG(18:0_18:0)	6.43E+02	6.25E+02	[M+NH4]+	C39H76O5
DG(18:0_18:1)	6.41E+02	6.23E+02	[M+NH4]+	C39H74O5
DG(18:0_18:2)	6.39E+02	6.21E+02	[M+NH4]+	C39H72O5
DG(18:0_20:1)	6.69E+02	6.51E+02	[M+NH4]+	C41H78O5
DG(18:0_20:2)	6.67E+02	6.49E+02	[M+NH4]+	C41H76O5
DG(18:0_20:3)	6.65E+02	6.47E+02	[M+NH4]+	C41H74O5
DG(18:0_20:4)	6.63E+02	6.45E+02	[M+NH4]+	C41H72O5
DG(18:0_20:5)	6.61E+02	6.43E+02	[M+NH4]+	C41H70O5
DG(18:0_22:4)	6.91E+02	6.73E+02	[M+NH4]+	C43H76O5
DG(18:0_22:5)	6.89E+02	6.71E+02	[M+NH4]+	C43H74O5
DG(18:0_22:6)	6.87E+02	6.69E+02	[M+NH4]+	C43H72O5
DG(18:1_18:1)	6.39E+02	6.21E+02	[M+NH4]+	C39H72O5
DG(18:1_18:2)	6.37E+02	6.19E+02	[M+NH4]+	C39H70O5
DG(18:1_20:0)	6.69E+02	6.51E+02	[M+NH4]+	C41H78O5
DG(18:1_20:1)	6.67E+02	6.49E+02	[M+NH4]+	C41H76O5
DG(18:1_20:2)	6.65E+02	6.47E+02	[M+NH4]+	C41H74O5
DG(18:1_20:3)	6.63E+02	6.45E+02	[M+NH4]+	C41H72O5
DG(18:1_20:4)	6.61E+02	6.43E+02	[M+NH4]+	C41H70O5
DG(18:1_20:5)	6.59E+02	6.41E+02	[M+NH4]+	C41H68O5
DG(18:1_22:1)	6.95E+02	6.77E+02	[M+NH4]+	C43H80O5
DG(18:1_22:4)	6.89E+02	6.71E+02	[M+NH4]+	C43H74O5
DG(18:1_22:6)	6.85E+02	6.67E+02	[M+NH4]+	C43H70O5
DG(18:1_24:0)	7.25E+02	7.07E+02	[M+NH4]+	C45H86O5
DG(18:1_24:1)	7.23E+02	7.05E+02	[M+NH4]+	C45H84O5
DG(18:2_18:2)	6.35E+02	6.17E+02	[M+NH4]+	C39H68O5
DG(18:2_18:3)	6.33E+02	6.14E+02	[M+NH4]+	C39H66O5
DG(18:2_18:4)	6.31E+02	6.12E+02	[M+NH4]+	C39H64O5
DG(18:2_20:1)	6.65E+02	6.47E+02	[M+NH4]+	C41H74O5
DG(18:2_20:2)	6.63E+02	6.45E+02	[M+NH4]+	C41H72O5
DG(18:2_20:3)	6.61E+02	6.43E+02	[M+NH4]+	C41H70O5
DG(18:2_20:4)	6.59E+02	6.41E+02	[M+NH4]+	C41H68O5
DG(18:2_20:5)	6.57E+02	6.38E+02	[M+NH4]+	C41H66O5
DG(18:2_22:4)	6.87E+02	6.69E+02	[M+NH4]+	C43H72O5
DG(18:2_22:5)	6.85E+02	6.67E+02	[M+NH4]+	C43H70O5
DG(18:2_22:6)	6.83E+02	6.65E+02	[M+NH4]+	C43H68O5
DG(18:2_24:6)	7.11E+02	6.93E+02	[M+NH4]+	C45H72O5
DG(18:3_18:3)	6.31E+02	6.12E+02	[M+NH4]+	C39H64O5
DG(18:3_22:5)	6.83E+02	6.65E+02	[M+NH4]+	C43H68O5
DG(19:0_18:0)	6.57E+02	6.39E+02	[M+NH4]+	C40H78O5
DG(19:0_18:1)	6.55E+02	6.37E+02	[M+NH4]+	C40H76O5
DG(19:1_18:2)	6.51E+02	6.33E+02	[M+NH4]+	C40H72O5
DG(20:0_18:0)	6.71E+02	6.53E+02	[M+NH4]+	C41H80O5
DG(20:0_18:2)	6.67E+02	6.49E+02	[M+NH4]+	C41H76O5
DG(20:4_22:6)	7.07E+02	6.89E+02	[M+NH4]+	C45H68O5
DG(21:0_16:0)	6.57E+02	6.39E+02	[M+NH4]+	C40H78O5
DG(21:0_18:1)	6.83E+02	6.65E+02	[M+NH4]+	C42H80O5
DG(22:0_18:1)	6.97E+02	6.79E+02	[M+NH4]+	C43H82O5
DG(23:0_18:1)	7.11E+02	6.93E+02	[M+NH4]+	C44H84O5
DG(24:0_18:1)	7.25E+02	7.07E+02	[M+NH4]+	C45H86O5
DG(8:0_16:0)	4.74E+02	4.56E+02	[M+NH4]+	C27H52O5

DG(8:0_18:2)	4.98E+02	4.80E+02	[M+NH4]+	C29H52O5
DG(O-16:0_20:1)	6.27E+02	6.09E+02	[M+NH4]+	C39H76O4
DG(O-16:1_16:0)	5.71E+02	5.53E+02	[M+NH4]+	C35H68O4
DG(O-18:0_20:1)	6.55E+02	6.37E+02	[M+NH4]+	C41H80O4
DG(O-18:2_20:1)	6.51E+02	6.33E+02	[M+NH4]+	C41H76O4
DG(O-18:2_22:1)	6.79E+02	6.61E+02	[M+NH4]+	C43H80O4
DG(O-19:0_16:0)	6.15E+02	5.97E+02	[M+NH4]+	C38H76O4
DG(O-21:0_16:0)	6.43E+02	6.25E+02	[M+NH4]+	C40H80O4
DL-Carnitine	1.62E+02	1.61E+02	[M+H]+	C7H15NO3
FFA(10:0)	1.71E+02	1.72E+02	[M-H]-	C10H20O2
FFA(14:0)	2.27E+02	2.28E+02	[M-H]-	C14H28O2
FFA(15:0)	2.41E+02	2.42E+02	[M-H]-	C15H30O2
FFA(16:0)	2.55E+02	2.56E+02	[M-H]-	C16H32O2
FFA(16:1)	2.53E+02	2.54E+02	[M-H]-	C16H30O2
FFA(17:0)	2.69E+02	2.70E+02	[M-H]-	C17H34O2
FFA(17:1)	2.67E+02	2.68E+02	[M-H]-	C17H32O2
FFA(18:0)	2.83E+02	2.84E+02	[M-H]-	C18H36O2
FFA(18:1)	2.81E+02	2.82E+02	[M-H]-	C18H34O2
FFA(18:2)	2.79E+02	2.80E+02	[M-H]-	C18H32O2
FFA(18:3)	2.77E+02	2.78E+02	[M-H]-	C18H30O2
FFA(19:0)	2.97E+02	2.98E+02	[M-H]-	C19H38O2
FFA(19:1)	2.95E+02	2.96E+02	[M-H]-	C19H36O2
FFA(19:2)	2.93E+02	2.94E+02	[M-H]-	C19H34O2
FFA(20:1)	3.09E+02	3.10E+02	[M-H]-	C20H38O2
FFA(20:2)	3.07E+02	3.08E+02	[M-H]-	C20H36O2
FFA(20:3)	3.05E+02	3.06E+02	[M-H]-	C20H34O2
FFA(20:4)	3.03E+02	3.04E+02	[M-H]-	C20H32O2
FFA(20:5)	3.01E+02	3.02E+02	[M-H]-	C20H30O2
FFA(22:0)	3.39E+02	3.40E+02	[M-H]-	C22H44O2
FFA(22:1)	3.37E+02	3.38E+02	[M-H]-	C22H42O2
FFA(22:2)	3.35E+02	3.36E+02	[M-H]-	C22H40O2
FFA(22:4)	3.31E+02	3.32E+02	[M-H]-	C22H36O2
FFA(22:5)	3.29E+02	3.30E+02	[M-H]-	C22H34O2
FFA(22:6)	3.27E+02	3.28E+02	[M-H]-	C22H32O2
FFA(24:4)	3.59E+02	3.60E+02	[M-H]-	C24H40O2
FFA(24:5)	3.57E+02	3.58E+02	[M-H]-	C24H38O2
FFA(24:6)	3.55E+02	3.56E+02	[M-H]-	C24H36O2
FFA(29:0)	4.37E+02	4.38E+02	[M-H]-	C29H58O2
FFA(32:1)	4.77E+02	4.78E+02	[M-H]-	C32H62O2
FFA(34:1)	5.05E+02	5.07E+02	[M-H]-	C34H66O2
Glycocholic acid	4.64E+02	4.65E+02	[M-H]-	C26H43NO6
Hex2Cer(d18:1/16:0)	8.45E+02	8.62E+02	[M-H2O+H]+	C46H87NO13
Hex2Cer(d18:1/18:0)	8.73E+02	8.90E+02	[M-H2O+H]+	C48H91NO13
Hex2Cer(d18:1/20:0)	9.01E+02	9.18E+02	[M-H2O+H]+	C50H95NO13
Hex2Cer(d18:1/22:0)	9.29E+02	9.46E+02	[M-H2O+H]+	C52H99NO13
Hex2Cer(d18:1/24:0)	9.57E+02	9.74E+02	[M-H2O+H]+	C54H103NO13
Hex2Cer(d18:1/24:1)	9.55E+02	9.72E+02	[M-H2O+H]+	C54H101NO13
HexCer(d16:1/24:1)	6.03E+02	7.82E+02	[M-H2O+H]+	C46H87NO8
HexCer(d16:1/26:1)	6.31E+02	8.10E+02	[M-H2O+H]+	C48H91NO8
HexCer(d17:1/16:0)	5.06E+02	6.86E+02	[M-H2O+H]+	C39H75NO8
HexCer(d17:1/18:0)	5.35E+02	7.14E+02	[M-H2O+H]+	C41H79NO8
HexCer(d17:1/26:2)	6.43E+02	8.22E+02	[M-H2O+H]+	C49H91NO8
HexCer(d18:1/16:0)	5.21E+02	7.00E+02	[M-H2O+H]+	C40H77NO8
HexCer(d18:1/16:1)	5.18E+02	6.98E+02	[M-H2O+H]+	C40H75NO8

HexCer(d18:1/17:0)	5.35E+02	7.14E+02	[M-H2O+H]+	C41H79NO8
HexCer(d18:1/18:0)	5.49E+02	7.28E+02	[M-H2O+H]+	C42H81NO8
HexCer(d18:1/18:1)	5.47E+02	7.26E+02	[M-H2O+H]+	C42H79NO8
HexCer(d18:1/20:0)	5.77E+02	7.56E+02	[M-H2O+H]+	C44H85NO8
HexCer(d18:1/20:1)	5.75E+02	7.54E+02	[M-H2O+H]+	C44H83NO8
HexCer(d18:1/21:0)	5.91E+02	7.70E+02	[M-H2O+H]+	C45H87NO8
HexCer(d18:1/22:0)	6.05E+02	7.84E+02	[M-H2O+H]+	C46H89NO8
HexCer(d18:1/22:1)	6.03E+02	7.82E+02	[M-H2O+H]+	C46H87NO8
HexCer(d18:1/22:2)	6.01E+02	7.80E+02	[M-H2O+H]+	C46H85NO8
HexCer(d18:1/23:0)	6.19E+02	7.98E+02	[M-H2O+H]+	C47H91NO8
HexCer(d18:1/23:1)	6.17E+02	7.96E+02	[M-H2O+H]+	C47H89NO8
HexCer(d18:1/24:0)	6.33E+02	8.12E+02	[M-H2O+H]+	C48H93NO8
HexCer(d18:1/24:1)	6.31E+02	8.10E+02	[M-H2O+H]+	C48H91NO8
HexCer(d18:1/25:0)	6.47E+02	8.26E+02	[M-H2O+H]+	C49H95NO8
HexCer(d18:1/25:1)	6.45E+02	8.24E+02	[M-H2O+H]+	C49H93NO8
HexCer(d18:1/26:0)	6.61E+02	8.40E+02	[M-H2O+H]+	C50H97NO8
HexCer(d18:1/26:2)	6.57E+02	8.36E+02	[M-H2O+H]+	C50H93NO8
HexCer(d18:2/18:0)	5.47E+02	7.26E+02	[M-H2O+H]+	C42H79NO8
HexCer(d18:2/20:0)	5.75E+02	7.54E+02	[M-H2O+H]+	C44H83NO8
HexCer(d18:2/22:0)	6.03E+02	7.82E+02	[M-H2O+H]+	C46H87NO8
HexCer(d18:2/24:0)	6.31E+02	8.10E+02	[M-H2O+H]+	C48H91NO8
HexCer(d18:2/24:1)	6.29E+02	8.08E+02	[M-H2O+H]+	C48H89NO8
HexCer(d18:2/26:0)	6.59E+02	8.38E+02	[M-H2O+H]+	C50H95NO8
HexCer(d20:1/24:1)	6.59E+02	8.38E+02	[M-H2O+H]+	C50H95NO8
HexCer(t14:0/24:2(2OH))	6.07E+02	7.86E+02	[M-H2O+H]+	C44H83NO10
HexCer(t14:1/17:0(2OH))	5.10E+02	6.90E+02	[M-H2O+H]+	C37H71NO10
HexCer(t14:1/24:0(2OH))	6.09E+02	7.88E+02	[M-H2O+H]+	C44H85NO10
HexCer(t14:1/24:1(2OH))	6.07E+02	7.86E+02	[M-H2O+H]+	C44H83NO10
HexCer(t15:0/16:2(2OH))	5.08E+02	6.87E+02	[M-H2O+H]+	C37H69NO10
HexCer(t17:2/18:0(2OH))	5.64E+02	7.44E+02	[M-H2O+H]+	C41H77NO10
HexCer(t17:2/34:2(2OH))	7.85E+02	9.64E+02	[M-H2O+H]+	C57H105NO10
HexCer(t17:2/40:1(2OH))	8.71E+02	1.05E+03	[M-H2O+H]+	C63H119NO10
HexCer(t17:2/42:1(2OH))	8.99E+02	1.08E+03	[M-H2O+H]+	C65H123NO10
HexCer(t18:0/20:2(2OH))	6.07E+02	7.86E+02	[M-H2O+H]+	C44H83NO10
HexCer(t18:1/20:0(2OH))	6.09E+02	7.88E+02	[M-H2O+H]+	C44H85NO10
HexCer(t18:1/20:1(2OH))	6.07E+02	7.86E+02	[M-H2O+H]+	C44H83NO10
HexCer(t18:2/20:0(2OH))	6.07E+02	7.86E+02	[M-H2O+H]+	C44H83NO10
HexCer(t19:1/26:1(2OH))	7.05E+02	8.84E+02	[M-H2O+H]+	C51H97NO10
HexCer(t20:1/20:0(2OH))	6.37E+02	8.16E+02	[M-H2O+H]+	C46H89NO10
HexCer(t20:2/18:0(2OH))	6.07E+02	7.86E+02	[M-H2O+H]+	C44H83NO10
HexCer(t22:1/16:1(2OH))	6.07E+02	7.86E+02	[M-H2O+H]+	C44H83NO10
HexCer(t22:2/14:1(2OH))	5.76E+02	7.56E+02	[M-H2O+H]+	C42H77NO10
HexCer(t22:2/15:1(2OH))	5.91E+02	7.70E+02	[M-H2O+H]+	C43H79NO10
HexCer(t23:2/15:1(2OH))	6.05E+02	7.84E+02	[M-H2O+H]+	C44H81NO10
HexCer(t26:0/19:1(2OH))	7.07E+02	8.86E+02	[M-H2O+H]+	C51H99NO10
LNAPE(16:0/N-16:0)	6.91E+02	6.92E+02	[M-H]-	C37H74NO8P
LNAPE(16:0/N-18:1)	7.17E+02	7.18E+02	[M-H]-	C39H76NO8P
LNAPE(16:1/N-16:0)	6.88E+02	6.89E+02	[M-H]-	C37H72NO8P
LNAPE(18:1/N-17:0)	7.31E+02	7.32E+02	[M-H]-	C40H78NO8P
LNAPE(18:1/N-18:2)	7.41E+02	7.42E+02	[M-H]-	C41H76NO8P
LNAPE(18:2/N-18:2)	7.39E+02	7.40E+02	[M-H]-	C41H74NO8P
LNAPE(20:4/N-18:2)	7.63E+02	7.64E+02	[M-H]-	C43H74NO8P
LNAPE(20:4/N-22:4)	8.15E+02	8.16E+02	[M-H]-	C47H78NO8P
LNAPE(20:5/N-16:1)	7.34E+02	7.35E+02	[M-H]-	C41H70NO8P

LNAPE(20:5/N-18:1)	7.63E+02	7.64E+02	[M-H]-	C43H74NO8P
LNAPE(20:5/N-18:2)	7.60E+02	7.61E+02	[M-H]-	C43H72NO8P
LNAPE(22:5/N-20:2)	8.17E+02	8.18E+02	[M-H]-	C47H80NO8P
LNAPE(22:6/N-18:2)	7.87E+02	7.88E+02	[M-H]-	C45H74NO8P
LNAPE(22:6/N-20:1)	8.17E+02	8.18E+02	[M-H]-	C47H80NO8P
LNAPE(22:6/N-20:3)	8.13E+02	8.14E+02	[M-H]-	C47H76NO8P
LNAPE(22:6/N-20:4)	8.11E+02	8.12E+02	[M-H]-	C47H74NO8P
LNAPE(24:5/N-18:0)	8.21E+02	8.22E+02	[M-H]-	C47H84NO8P
LPA(0:0/16:0)	4.09E+02	4.10E+02	[M-H]-	C19H39O7P
LPA(0:0/18:0)	4.37E+02	4.38E+02	[M-H]-	C21H43O7P
LPA(0:0/18:2)	4.33E+02	4.34E+02	[M-H]-	C21H39O7P
LPA(0:0/20:4)	4.57E+02	4.58E+02	[M-H]-	C23H39O7P
LPA(0:0/22:6)	4.81E+02	4.82E+02	[M-H]-	C25H39O7P
LPA(22:5)	4.83E+02	4.82E+02	[M-H]-	C25H39O7P
LPC(0:0/15:0)	4.82E+02	4.81E+02	[M+H]+	C23H48NO7P
LPC(0:0/16:0)	4.96E+02	4.95E+02	[M+H]+	C24H50NO7P
LPC(0:0/17:0)	5.10E+02	5.09E+02	[M+H]+	C25H52NO7P
LPC(0:0/18:0)	5.24E+02	5.23E+02	[M+H]+	C26H54NO7P
LPC(0:0/18:1)	5.22E+02	5.21E+02	[M+H]+	C26H52NO7P
LPC(0:0/18:2)	5.20E+02	5.19E+02	[M+H]+	C26H50NO7P
LPC(0:0/19:0)	5.38E+02	5.37E+02	[M+H]+	C27H56NO7P
LPC(0:0/20:0)	5.52E+02	5.51E+02	[M+H]+	C28H58NO7P
LPC(0:0/20:1)	5.50E+02	5.49E+02	[M+H]+	C28H56NO7P
LPC(0:0/20:2)	5.48E+02	5.47E+02	[M+H]+	C28H54NO7P
LPC(0:0/22:1)	5.78E+02	5.77E+02	[M+H]+	C30H60NO7P
LPC(0:0/22:4)	5.72E+02	5.71E+02	[M+H]+	C30H54NO7P
LPC(0:0/22:5)	5.70E+02	5.69E+02	[M+H]+	C30H52NO7P
LPC(14:0/0:0)	4.68E+02	4.67E+02	[M+H]+	C22H46NO7P
LPC(15:0/0:0)	4.82E+02	4.81E+02	[M+H]+	C23H48NO7P
LPC(16:0/0:0)	4.96E+02	4.95E+02	[M+H]+	C24H50NO7P
LPC(16:1/0:0)	4.94E+02	4.93E+02	[M+H]+	C24H48NO7P
LPC(16:2)	4.92E+02	4.91E+02	[M+H]+	C24H46NO7P
LPC(16:3)	4.90E+02	4.89E+02	[M+H]+	C24H44NO7P
LPC(17:0/0:0)	5.10E+02	5.09E+02	[M+H]+	C25H52NO7P
LPC(17:1/0:0)	5.08E+02	5.07E+02	[M+H]+	C25H50NO7P
LPC(18:0/0:0)	5.24E+02	5.23E+02	[M+H]+	C26H54NO7P
LPC(18:1/0:0)	5.22E+02	5.21E+02	[M+H]+	C26H52NO7P
LPC(18:2/0:0)	5.20E+02	5.19E+02	[M+H]+	C26H50NO7P
LPC(18:3/0:0)	5.18E+02	5.17E+02	[M+H]+	C26H48NO7P
LPC(18:4/0:0)	5.16E+02	5.15E+02	[M+H]+	C26H46NO7P
LPC(19:0/0:0)	5.38E+02	5.37E+02	[M+H]+	C27H56NO7P
LPC(19:1/0:0)	5.36E+02	5.35E+02	[M+H]+	C27H54NO7P
LPC(20:0/0:0)	5.52E+02	5.51E+02	[M+H]+	C28H58NO7P
LPC(20:1/0:0)	5.50E+02	5.49E+02	[M+H]+	C28H56NO7P
LPC(20:2/0:0)	5.48E+02	5.47E+02	[M+H]+	C28H54NO7P
LPC(20:3/0:0)	5.46E+02	5.45E+02	[M+H]+	C28H52NO7P
LPC(20:4/0:0)	5.44E+02	5.43E+02	[M+H]+	C28H50NO7P
LPC(20:5/0:0)	5.42E+02	5.41E+02	[M+H]+	C28H48NO7P
LPC(22:0/0:0)	5.80E+02	5.79E+02	[M+H]+	C30H62NO7P
LPC(22:1/0:0)	5.78E+02	5.77E+02	[M+H]+	C30H60NO7P
LPC(22:2/0:0)	5.76E+02	5.75E+02	[M+H]+	C30H58NO7P
LPC(22:4/0:0)	5.72E+02	5.71E+02	[M+H]+	C30H54NO7P
LPC(22:5/0:0)	5.70E+02	5.69E+02	[M+H]+	C30H52NO7P
LPC(22:6/0:0)	5.68E+02	5.67E+02	[M+H]+	C30H50NO7P

LPC(24:0/0:0)	6.08E+02	6.07E+02	[M+H] ⁺	C32H66NO7P
LPC(24:1/0:0)	6.06E+02	6.05E+02	[M+H] ⁺	C32H64NO7P
LPC(24:2)	6.04E+02	6.03E+02	[M+H] ⁺	C32H62NO7P
LPC(26:0/0:0)	6.36E+02	6.35E+02	[M+H] ⁺	C34H70NO7P
LPC(O-14:0)	4.54E+02	4.53E+02	[M+H] ⁺	C22H48NO6P
LPC(O-14:1)	4.52E+02	4.51E+02	[M+H] ⁺	C22H46NO6P
LPC(O-16:0)	4.82E+02	4.81E+02	[M+H] ⁺	C24H52NO6P
LPC(O-16:1)	4.80E+02	4.79E+02	[M+H] ⁺	C24H50NO6P
LPC(O-18:0)	5.10E+02	5.09E+02	[M+H] ⁺	C26H56NO6P
LPC(O-18:1)	5.08E+02	5.07E+02	[M+H] ⁺	C26H54NO6P
LPC(O-18:2)	5.06E+02	5.05E+02	[M+H] ⁺	C26H52NO6P
LPC(O-20:0)	5.38E+02	5.37E+02	[M+H] ⁺	C28H60NO6P
LPC(O-20:1)	5.36E+02	5.35E+02	[M+H] ⁺	C28H58NO6P
LPC(O-20:2)	5.34E+02	5.33E+02	[M+H] ⁺	C28H56NO6P
LPC(O-20:3)	5.32E+02	5.31E+02	[M+H] ⁺	C28H54NO6P
LPC(O-22:0)	5.66E+02	5.65E+02	[M+H] ⁺	C30H64NO6P
LPC(O-22:1)	5.64E+02	5.63E+02	[M+H] ⁺	C30H62NO6P
LPC(O-22:2)	5.62E+02	5.61E+02	[M+H] ⁺	C30H60NO6P
LPC(O-24:0)	5.94E+02	5.93E+02	[M+H] ⁺	C32H68NO6P
LPC(O-24:1)	5.92E+02	5.91E+02	[M+H] ⁺	C32H66NO6P
LPE(0:0/16:0)	4.54E+02	4.53E+02	[M+H] ⁺	C21H44NO7P
LPE(0:0/18:0)	4.82E+02	4.81E+02	[M+H] ⁺	C23H48NO7P
LPE(0:0/18:1)	4.80E+02	4.79E+02	[M+H] ⁺	C23H46NO7P
LPE(0:0/18:2)	4.78E+02	4.77E+02	[M+H] ⁺	C23H44NO7P
LPE(0:0/20:1)	5.08E+02	5.07E+02	[M+H] ⁺	C25H50NO7P
LPE(0:0/20:2)	5.06E+02	5.05E+02	[M+H] ⁺	C25H48NO7P
LPE(0:0/20:3)	5.04E+02	5.03E+02	[M+H] ⁺	C25H46NO7P
LPE(0:0/22:5)	5.28E+02	5.27E+02	[M+H] ⁺	C27H46NO7P
LPE(16:0/0:0)	4.54E+02	4.53E+02	[M+H] ⁺	C21H44NO7P
LPE(16:1/0:0)	4.52E+02	4.51E+02	[M+H] ⁺	C21H42NO7P
LPE(17:0/0:0)	4.68E+02	4.67E+02	[M+H] ⁺	C22H46NO7P
LPE(17:1/0:0)	4.66E+02	4.65E+02	[M+H] ⁺	C22H44NO7P
LPE(18:0/0:0)	4.82E+02	4.81E+02	[M+H] ⁺	C23H48NO7P
LPE(18:1/0:0)	4.80E+02	4.79E+02	[M+H] ⁺	C23H46NO7P
LPE(18:2/0:0)	4.78E+02	4.77E+02	[M+H] ⁺	C23H44NO7P
LPE(18:3/0:0)	4.76E+02	4.75E+02	[M+H] ⁺	C23H42NO7P
LPE(19:0)	4.96E+02	4.95E+02	[M+H] ⁺	C24H50NO7P
LPE(20:0/0:0)	5.10E+02	5.09E+02	[M+H] ⁺	C25H52NO7P
LPE(20:1/0:0)	5.08E+02	5.07E+02	[M+H] ⁺	C25H50NO7P
LPE(20:2/0:0)	5.06E+02	5.05E+02	[M+H] ⁺	C25H48NO7P
LPE(20:3/0:0)	5.04E+02	5.31E+02	[M+H] ⁺	C27H50NO7P
LPE(20:4/0:0)	5.02E+02	5.01E+02	[M+H] ⁺	C25H44NO7P
LPE(20:5/0:0)	5.00E+02	4.99E+02	[M+H] ⁺	C25H42NO7P
LPE(22:1/0:0)	5.36E+02	5.35E+02	[M+H] ⁺	C27H54NO7P
LPE(22:2/0:0)	5.34E+02	5.33E+02	[M+H] ⁺	C27H52NO7P
LPE(22:3/0:0)	5.32E+02	5.31E+02	[M+H] ⁺	C27H50NO7P
LPE(22:4/0:0)	5.30E+02	5.29E+02	[M+H] ⁺	C27H48NO7P
LPE(22:5/0:0)	5.28E+02	5.27E+02	[M+H] ⁺	C27H46NO7P
LPE(22:6/0:0)	5.26E+02	5.25E+02	[M+H] ⁺	C27H44NO7P
LPE(P-16:0)	4.38E+02	4.37E+02	[M+H] ⁺	C21H44NO6P
LPE(P-17:0)	4.52E+02	4.51E+02	[M+H] ⁺	C22H46NO6P
LPE(P-18:0)	4.66E+02	4.65E+02	[M+H] ⁺	C23H48NO6P
LPE(P-18:1)	4.64E+02	4.63E+02	[M+H] ⁺	C23H46NO6P
LPE(P-20:0)	4.94E+02	4.93E+02	[M+H] ⁺	C25H52NO6P

LPG(16:0/0:0)	4.83E+02	4.84E+02	[M-H]-	C22H45O9P
LPG(16:1/0:0)	4.81E+02	4.82E+02	[M-H]-	C22H43O9P
LPG(18:0/0:0)	5.11E+02	5.12E+02	[M-H]-	C24H49O9P
LPG(18:1/0:0)	5.09E+02	5.10E+02	[M-H]-	C24H47O9P
LPG(18:2/0:0)	5.07E+02	5.08E+02	[M-H]-	C24H45O9P
LPG(18:3)	5.05E+02	5.06E+02	[M-H]-	C24H43O9P
LPG(20:2)	5.35E+02	5.36E+02	[M-H]-	C26H49O9P
LPG(20:3)	5.33E+02	5.34E+02	[M-H]-	C26H47O9P
LPG(20:4/0:0)	5.31E+02	5.32E+02	[M-H]-	C26H45O9P
LPG(22:4)	5.59E+02	5.60E+02	[M-H]-	C28H49O9P
LPG(22:5/0:0)	5.55E+02	5.58E+02	[M-H]-	C28H47O9P
LPI(16:0/0:0)	5.71E+02	5.72E+02	[M-H]-	C25H49O12P
LPI(17:0)	5.85E+02	5.86E+02	[M-H]-	C26H51O12P
LPI(18:0/0:0)	5.99E+02	6.00E+02	[M-H]-	C27H53O12P
LPI(18:1/0:0)	5.97E+02	5.98E+02	[M-H]-	C27H51O12P
LPI(18:2/0:0)	5.95E+02	5.96E+02	[M-H]-	C27H49O12P
LPI(19:0)	6.13E+02	6.14E+02	[M-H]-	C28H55O12P
LPI(20:1)	6.25E+02	6.26E+02	[M-H]-	C29H55O12P
LPI(20:3/0:0)	6.21E+02	6.22E+02	[M-H]-	C29H51O12P
LPI(20:4/0:0)	6.19E+02	6.20E+02	[M-H]-	C29H49O12P
LPS(18:0/0:0)	5.24E+02	5.25E+02	[M-H]-	C24H48NO9P
LPS(18:1/0:0)	5.22E+02	5.23E+02	[M-H]-	C24H46NO9P
LPS(18:2/0:0)	5.20E+02	5.21E+02	[M-H]-	C24H44NO9P
LPS(20:3/0:0)	5.46E+02	5.47E+02	[M-H]-	C26H46NO9P
LPS(20:4/0:0)	5.44E+02	5.45E+02	[M-H]-	C26H44NO9P
LPS(20:5/0:0)	5.42E+02	5.43E+02	[M-H]-	C26H42NO9P
LPS(22:5/0:0)	5.70E+02	5.71E+02	[M-H]-	C28H46NO9P
LPS(22:6/0:0)	5.68E+02	5.69E+02	[M-H]-	C28H44NO9P
MG(16:0)	3.48E+02	3.30E+02	[M+NH4]+	C19H38O4
MG(18:0)	3.76E+02	3.58E+02	[M+NH4]+	C21H42O4
MG(18:1)	3.74E+02	3.56E+02	[M+NH4]+	C21H40O4
MG(18:2)	3.72E+02	3.54E+02	[M+NH4]+	C21H38O4
MG(20:4)	3.96E+02	3.78E+02	[M+NH4]+	C23H38O4
MGDG(14:0_16:0)	7.21E+02	7.03E+02	[M+NH4]+	C39H74O10
MGDG(14:0_18:0)	7.49E+02	7.31E+02	[M+NH4]+	C41H78O10
MGDG(14:0_18:2)	7.45E+02	7.27E+02	[M+NH4]+	C41H74O10
MGDG(16:0_16:0)	7.49E+02	7.31E+02	[M+NH4]+	C41H78O10
MGDG(16:0_16:1)	7.47E+02	7.29E+02	[M+NH4]+	C41H76O10
MGDG(16:0_16:2)	7.45E+02	7.27E+02	[M+NH4]+	C41H74O10
MGDG(16:0_18:1)	7.75E+02	7.57E+02	[M+NH4]+	C43H80O10
MGDG(16:1_18:1)	7.73E+02	7.55E+02	[M+NH4]+	C43H78O10
MGDG(18:1_16:2)	7.71E+02	7.53E+02	[M+NH4]+	C43H76O10
MGDG(18:1_18:1)	8.01E+02	7.83E+02	[M+NH4]+	C45H82O10
PA(10:0_20:4)	6.11E+02	6.12E+02	[M-H]-	C33H57O8P
PA(12:0_12:0)	5.35E+02	5.36E+02	[M-H]-	C27H53O8P
PA(12:0_18:4)	6.11E+02	6.12E+02	[M-H]-	C33H57O8P
PA(12:0_20:5)	6.37E+02	6.38E+02	[M-H]-	C35H59O8P
PA(12:0_22:4)	6.67E+02	6.68E+02	[M-H]-	C37H65O8P
PA(12:0_22:6)	6.63E+02	6.64E+02	[M-H]-	C37H61O8P
PA(16:0_16:0)	6.47E+02	6.48E+02	[M-H]-	C35H69O8P
PA(16:0_18:0)	6.75E+02	6.77E+02	[M-H]-	C37H73O8P
PA(16:0_18:1)	6.73E+02	6.74E+02	[M-H]-	C37H71O8P
PA(16:0_20:1)	7.02E+02	7.03E+02	[M-H]-	C39H75O8P
PA(16:0_20:2)	6.99E+02	7.01E+02	[M-H]-	C39H73O8P

PA(16:0_20:4)	6.95E+02	6.96E+02	[M-H]-	C39H69O8P
PA(16:0_22:5)	7.21E+02	7.22E+02	[M-H]-	C41H71O8P
PA(16:1_22:5)	7.19E+02	7.20E+02	[M-H]-	C41H69O8P
PA(18:0_18:1)	7.02E+02	7.03E+02	[M-H]-	C39H75O8P
PA(18:0_20:3)	7.26E+02	7.27E+02	[M-H]-	C41H75O8P
PA(18:0_20:4)	7.23E+02	7.25E+02	[M-H]-	C41H73O8P
PA(18:0_21:0)	7.46E+02	7.47E+02	[M-H]-	C42H83O8P
PA(18:0_22:4)	7.52E+02	7.53E+02	[M-H]-	C43H77O8P
PA(18:0_22:5)	7.50E+02	7.51E+02	[M-H]-	C43H75O8P
PA(18:0_22:6)	7.47E+02	7.49E+02	[M-H]-	C43H73O8P
PA(18:1_16:3)	6.67E+02	6.68E+02	[M-H]-	C37H65O8P
PA(18:1_18:1)	6.99E+02	7.01E+02	[M-H]-	C39H73O8P
PA(18:1_18:2)	6.97E+02	6.98E+02	[M-H]-	C39H71O8P
PA(18:1_20:2)	7.26E+02	7.27E+02	[M-H]-	C41H75O8P
PA(18:1_22:6)	7.45E+02	7.46E+02	[M-H]-	C43H71O8P
PA(18:1_26:1)	8.12E+02	8.13E+02	[M-H]-	C47H89O8P
PA(18:2_18:2)	6.95E+02	6.96E+02	[M-H]-	C39H69O8P
PA(20:0_18:2)	7.28E+02	7.29E+02	[M-H]-	C41H77O8P
PA(20:0_20:4)	7.52E+02	7.53E+02	[M-H]-	C43H77O8P
PA(20:0_21:0)	7.74E+02	7.75E+02	[M-H]-	C44H87O8P
PA(20:0_22:4)	7.80E+02	7.81E+02	[M-H]-	C45H81O8P
PA(20:0_22:6)	7.76E+02	7.77E+02	[M-H]-	C45H77O8P
PA(20:1_18:2)	7.26E+02	7.27E+02	[M-H]-	C41H75O8P
PA(20:1_20:3)	7.52E+02	7.53E+02	[M-H]-	C43H77O8P
PA(20:1_20:4)	7.50E+02	7.51E+02	[M-H]-	C43H75O8P
PA(20:1_20:5)	7.47E+02	7.49E+02	[M-H]-	C43H73O8P
PA(20:1_22:4)	7.78E+02	7.79E+02	[M-H]-	C45H79O8P
PA(20:1_22:5)	7.76E+02	7.77E+02	[M-H]-	C45H77O8P
PA(20:2_20:4)	7.47E+02	7.49E+02	[M-H]-	C43H73O8P
PA(20:2_22:5)	7.74E+02	7.75E+02	[M-H]-	C45H75O8P
PA(20:3_22:5)	7.71E+02	7.73E+02	[M-H]-	C45H73O8P
PA(20:4_22:5)	7.69E+02	7.70E+02	[M-H]-	C45H71O8P
PA(21:0_22:0)	8.02E+02	8.03E+02	[M-H]-	C46H91O8P
PA(21:0_24:1)	8.28E+02	8.29E+02	[M-H]-	C48H93O8P
PA(22:1_18:2)	7.54E+02	7.55E+02	[M-H]-	C43H79O8P
PA(22:1_20:4)	7.78E+02	7.79E+02	[M-H]-	C45H79O8P
PA(24:0_20:2)	8.12E+02	8.13E+02	[M-H]-	C47H89O8P
PC(10:0_18:0)	7.22E+02	6.77E+02	[M+COOH]-	C36H72NO8P
PC(12:0_14:1)	6.92E+02	6.47E+02	[M+COOH]-	C34H66NO8P
PC(12:0_16:0)	7.22E+02	6.77E+02	[M+COOH]-	C36H72NO8P
PC(12:0_20:1)	7.77E+02	7.32E+02	[M+COOH]-	C40H78NO8P
PC(12:0_22:4)	7.99E+02	7.54E+02	[M+COOH]-	C42H76NO8P
PC(13:0_14:0)	7.08E+02	6.63E+02	[M+COOH]-	C35H70NO8P
PC(13:0_16:0)	7.37E+02	6.92E+02	[M+COOH]-	C37H74NO8P
PC(13:0_16:1)	7.34E+02	6.89E+02	[M+COOH]-	C37H72NO8P
PC(13:0_18:0)	7.65E+02	7.20E+02	[M+COOH]-	C39H78NO8P
PC(13:0_18:1)	7.63E+02	7.18E+02	[M+COOH]-	C39H76NO8P
PC(14:0_14:0)	6.79E+02	6.77E+02	[M+H]+	C36H72NO8P
PC(14:0_15:1)	7.34E+02	6.89E+02	[M+COOH]-	C37H72NO8P
PC(14:0_16:1)	7.49E+02	7.04E+02	[M+COOH]-	C38H74NO8P
PC(14:0_17:1)	7.63E+02	7.18E+02	[M+COOH]-	C39H76NO8P
PC(14:0_18:1)	7.77E+02	7.32E+02	[M+COOH]-	C40H78NO8P
PC(14:0_18:2)	7.31E+02	7.30E+02	[M+H]+	C40H76NO8P
PC(14:0_18:3)	7.29E+02	7.28E+02	[M+H]+	C40H74NO8P

PC(14:0_20:4)	7.55E+02	7.54E+02	[M+H] ⁺	C42H76NO8P
PC(14:0_20:5)	7.53E+02	7.52E+02	[M+H] ⁺	C42H74NO8P
PC(14:0_22:6)	8.23E+02	7.78E+02	[M+COOH] ⁻	C44H76NO8P
PC(14:1_16:1)	7.46E+02	7.01E+02	[M+COOH] ⁻	C38H72NO8P
PC(14:1_18:1)	7.75E+02	7.30E+02	[M+COOH] ⁻	C40H76NO8P
PC(14:1_18:2)	7.73E+02	7.28E+02	[M+COOH] ⁻	C40H74NO8P
PC(14:1_20:4)	7.97E+02	7.52E+02	[M+COOH] ⁻	C42H74NO8P
PC(14:1_22:4)	8.25E+02	7.80E+02	[M+COOH] ⁻	C44H78NO8P
PC(14:1_22:6)	8.21E+02	7.76E+02	[M+COOH] ⁻	C44H74NO8P
PC(15:0_15:1)	7.49E+02	7.04E+02	[M+COOH] ⁻	C38H74NO8P
PC(15:0_16:0)	7.21E+02	7.20E+02	[M+H] ⁺	C39H78NO8P
PC(15:0_16:1)	7.19E+02	7.18E+02	[M+H] ⁺	C39H76NO8P
PC(15:0_17:1)	7.77E+02	7.32E+02	[M+COOH] ⁻	C40H78NO8P
PC(15:0_18:0)	7.93E+02	7.48E+02	[M+COOH] ⁻	C41H82NO8P
PC(15:0_18:1)	7.91E+02	7.46E+02	[M+COOH] ⁻	C41H80NO8P
PC(15:0_20:4)	7.69E+02	7.68E+02	[M+H] ⁺	C43H78NO8P
PC(15:0_20:5)	7.67E+02	7.66E+02	[M+H] ⁺	C43H76NO8P
PC(15:1_16:1)	7.61E+02	7.16E+02	[M+COOH] ⁻	C39H74NO8P
PC(15:1_17:1)	7.75E+02	7.30E+02	[M+COOH] ⁻	C40H76NO8P
PC(15:1_18:1)	7.89E+02	7.44E+02	[M+COOH] ⁻	C41H78NO8P
PC(15:1_18:2)	7.87E+02	7.42E+02	[M+COOH] ⁻	C41H76NO8P
PC(15:1_20:1)	8.17E+02	7.72E+02	[M+COOH] ⁻	C43H82NO8P
PC(15:1_20:4)	8.11E+02	7.66E+02	[M+COOH] ⁻	C43H76NO8P
PC(15:1_22:4)	8.39E+02	7.94E+02	[M+COOH] ⁻	C45H80NO8P
PC(15:1_22:5)	7.93E+02	7.92E+02	[M+H] ⁺	C45H78NO8P
PC(16:0_14:0)	7.07E+02	7.06E+02	[M+H] ⁺	C38H76NO8P
PC(16:0_16:0)	7.79E+02	7.34E+02	[M+COOH] ⁻	C40H80NO8P
PC(16:0_16:1)	7.33E+02	7.32E+02	[M+H] ⁺	C40H78NO8P
PC(16:0_17:0)	7.93E+02	7.48E+02	[M+COOH] ⁻	C41H82NO8P
PC(16:0_17:1)	7.91E+02	7.46E+02	[M+COOH] ⁻	C41H80NO8P
PC(16:0_18:0)	7.63E+02	7.62E+02	[M+H] ⁺	C42H84NO8P
PC(16:0_18:1)	7.61E+02	7.60E+02	[M+H] ⁺	C42H82NO8P
PC(16:0_18:2)	7.59E+02	7.58E+02	[M+H] ⁺	C42H80NO8P
PC(16:0_18:3)	7.57E+02	7.56E+02	[M+H] ⁺	C42H78NO8P
PC(16:0_20:1)	8.33E+02	7.88E+02	[M+COOH] ⁻	C44H86NO8P
PC(16:0_20:2)	8.31E+02	7.86E+02	[M+COOH] ⁻	C44H84NO8P
PC(16:0_20:3)	7.85E+02	7.84E+02	[M+H] ⁺	C44H82NO8P
PC(16:0_20:4)	8.27E+02	7.82E+02	[M+COOH] ⁻	C44H80NO8P
PC(16:0_20:5)	7.81E+02	7.80E+02	[M+H] ⁺	C44H78NO8P
PC(16:0_22:0)	8.63E+02	8.18E+02	[M+COOH] ⁻	C46H92NO8P
PC(16:0_22:1)	8.61E+02	8.16E+02	[M+COOH] ⁻	C46H90NO8P
PC(16:0_22:5)	8.09E+02	8.08E+02	[M+H] ⁺	C46H82NO8P
PC(16:0_22:6)	8.07E+02	8.06E+02	[M+H] ⁺	C46H80NO8P
PC(16:0_24:0)	8.47E+02	8.46E+02	[M+H] ⁺	C48H96NO8P
PC(16:0_26:0)	9.19E+02	8.74E+02	[M+COOH] ⁻	C50H100NO8P
PC(16:1_16:1)	7.75E+02	7.30E+02	[M+COOH] ⁻	C40H76NO8P
PC(16:1_17:1)	7.89E+02	7.44E+02	[M+COOH] ⁻	C41H78NO8P
PC(16:1_18:1)	8.03E+02	7.58E+02	[M+COOH] ⁻	C42H80NO8P
PC(16:1_18:2)	8.01E+02	7.56E+02	[M+COOH] ⁻	C42H78NO8P
PC(16:1_18:3)	7.99E+02	7.54E+02	[M+COOH] ⁻	C42H76NO8P
PC(16:1_19:2)	8.15E+02	7.70E+02	[M+COOH] ⁻	C43H80NO8P
PC(16:1_22:6)	8.05E+02	8.04E+02	[M+H] ⁺	C46H78NO8P
PC(17:0_15:1)	7.77E+02	7.32E+02	[M+COOH] ⁻	C40H78NO8P
PC(17:0_16:1)	7.91E+02	7.46E+02	[M+COOH] ⁻	C41H80NO8P

PC(17:0_18:1)	8.19E+02	7.74E+02	[M+COOH]-	C43H84NO8P
PC(17:0_18:2)	8.17E+02	7.72E+02	[M+COOH]-	C43H82NO8P
PC(17:0_20:3)	8.43E+02	7.98E+02	[M+COOH]-	C45H84NO8P
PC(17:0_20:5)	8.39E+02	7.94E+02	[M+COOH]-	C45H80NO8P
PC(17:1_18:1)	8.17E+02	7.72E+02	[M+COOH]-	C43H82NO8P
PC(17:1_18:2)	7.71E+02	7.70E+02	[M+H]+	C43H80NO8P
PC(17:1_20:4)	7.95E+02	7.94E+02	[M+H]+	C45H80NO8P
PC(18:0_12:0)	7.51E+02	7.06E+02	[M+COOH]-	C38H76NO8P
PC(18:0_15:1)	7.91E+02	7.46E+02	[M+COOH]-	C41H80NO8P
PC(18:0_18:0)	8.35E+02	7.90E+02	[M+COOH]-	C44H88NO8P
PC(18:0_18:1)	7.89E+02	7.88E+02	[M+H]+	C44H86NO8P
PC(18:0_18:2)	7.87E+02	7.86E+02	[M+H]+	C44H84NO8P
PC(18:0_20:2)	8.15E+02	8.14E+02	[M+H]+	C46H88NO8P
PC(18:0_20:3)	8.57E+02	8.12E+02	[M+COOH]-	C46H86NO8P
PC(18:0_20:4)	8.11E+02	8.10E+02	[M+H]+	C46H84NO8P
PC(18:0_22:1)	8.89E+02	8.44E+02	[M+COOH]-	C48H94NO8P
PC(18:0_22:4)	8.83E+02	8.38E+02	[M+COOH]-	C48H88NO8P
PC(18:0_22:5)	8.81E+02	8.36E+02	[M+COOH]-	C48H86NO8P
PC(18:0_22:6)	8.79E+02	8.34E+02	[M+COOH]-	C48H84NO8P
PC(18:0_24:3)	8.69E+02	8.68E+02	[M+H]+	C50H94NO8P
PC(18:0_24:4)	9.11E+02	8.66E+02	[M+COOH]-	C50H92NO8P
PC(18:1_18:1)	8.31E+02	7.86E+02	[M+COOH]-	C44H84NO8P
PC(18:1_18:2)	8.29E+02	7.84E+02	[M+COOH]-	C44H82NO8P
PC(18:1_19:1)	8.45E+02	8.00E+02	[M+COOH]-	C45H86NO8P
PC(18:1_19:2)	8.43E+02	7.98E+02	[M+COOH]-	C45H84NO8P
PC(18:1_20:0)	8.61E+02	8.16E+02	[M+COOH]-	C46H90NO8P
PC(18:1_20:1)	8.59E+02	8.14E+02	[M+COOH]-	C46H88NO8P
PC(18:1_20:4)	8.53E+02	8.08E+02	[M+COOH]-	C46H82NO8P
PC(18:1_20:5)	8.51E+02	8.06E+02	[M+COOH]-	C46H80NO8P
PC(18:1_22:0)	8.89E+02	8.44E+02	[M+COOH]-	C48H94NO8P
PC(18:1_22:1)	8.87E+02	8.42E+02	[M+COOH]-	C48H92NO8P
PC(18:1_22:5)	8.79E+02	8.34E+02	[M+COOH]-	C48H84NO8P
PC(18:1_22:6)	8.77E+02	8.32E+02	[M+COOH]-	C48H82NO8P
PC(18:1_24:1)	8.71E+02	8.70E+02	[M+H]+	C50H96NO8P
PC(18:2_18:2)	8.27E+02	7.82E+02	[M+COOH]-	C44H80NO8P
PC(18:2_18:3)	8.25E+02	7.80E+02	[M+COOH]-	C44H78NO8P
PC(18:2_19:2)	8.41E+02	7.96E+02	[M+COOH]-	C45H82NO8P
PC(18:2_20:0)	8.59E+02	8.14E+02	[M+COOH]-	C46H88NO8P
PC(18:2_20:3)	8.53E+02	8.08E+02	[M+COOH]-	C46H82NO8P
PC(18:2_20:4)	8.51E+02	8.06E+02	[M+COOH]-	C46H80NO8P
PC(18:2_20:5)	8.49E+02	8.04E+02	[M+COOH]-	C46H78NO8P
PC(18:2_22:1)	8.85E+02	8.40E+02	[M+COOH]-	C48H90NO8P
PC(18:2_22:5)	8.77E+02	8.32E+02	[M+COOH]-	C48H82NO8P
PC(18:2_22:6)	8.75E+02	8.30E+02	[M+COOH]-	C48H80NO8P
PC(18:3_18:1)	8.27E+02	7.82E+02	[M+COOH]-	C44H80NO8P
PC(19:0_18:1)	8.03E+02	8.02E+02	[M+H]+	C45H88NO8P
PC(19:0_18:2)	8.01E+02	8.00E+02	[M+H]+	C45H86NO8P
PC(19:0_20:4)	8.25E+02	8.24E+02	[M+H]+	C47H86NO8P
PC(19:1_22:6)	8.91E+02	8.46E+02	[M+COOH]-	C49H84NO8P
PC(20:0_22:6)	8.63E+02	8.62E+02	[M+H]+	C50H88NO8P
PC(20:1_18:2)	8.57E+02	8.12E+02	[M+COOH]-	C46H86NO8P
PC(20:1_20:3)	8.83E+02	8.38E+02	[M+COOH]-	C48H88NO8P
PC(20:1_20:4)	8.81E+02	8.36E+02	[M+COOH]-	C48H86NO8P
PC(20:1_22:6)	8.61E+02	8.60E+02	[M+H]+	C50H86NO8P

PC(20:2_18:1)	8.57E+02	8.12E+02	[M+COOH]-	C46H86NO8P
PC(20:2_20:4)	8.79E+02	8.34E+02	[M+COOH]-	C48H84NO8P
PC(20:2_22:6)	8.59E+02	8.58E+02	[M+H]+	C50H84NO8P
PC(20:3_18:1)	8.55E+02	8.10E+02	[M+COOH]-	C46H84NO8P
PC(20:3_20:4)	8.77E+02	8.32E+02	[M+COOH]-	C48H82NO8P
PC(20:3_22:1)	8.67E+02	8.66E+02	[M+H]+	C50H92NO8P
PC(20:4_16:1)	8.25E+02	7.80E+02	[M+COOH]-	C44H78NO8P
PC(20:4_17:0)	7.97E+02	7.94E+02	[M+H]+	C45H80NO8P
PC(20:4_20:4)	8.75E+02	8.30E+02	[M+COOH]-	C48H80NO8P
PC(20:4_20:5)	8.73E+02	8.28E+02	[M+COOH]-	C48H78NO8P
PC(20:4_22:6)	8.99E+02	8.54E+02	[M+COOH]-	C50H80NO8P
PC(20:5_18:0)	8.53E+02	8.08E+02	[M+COOH]-	C46H82NO8P
PC(22:4_16:0)	8.55E+02	8.10E+02	[M+COOH]-	C46H84NO8P
PC(22:4_18:1)	8.81E+02	8.36E+02	[M+COOH]-	C48H86NO8P
PC(22:6_17:0)	8.21E+02	8.20E+02	[M+H]+	C47H82NO8P
PC(24:0_16:1)	8.89E+02	8.44E+02	[M+COOH]-	C48H94NO8P
PC(24:0_18:1)	9.17E+02	8.72E+02	[M+COOH]-	C50H98NO8P
PC(24:0_18:2)	9.15E+02	8.70E+02	[M+COOH]-	C50H96NO8P
PC(24:1_20:4)	8.93E+02	8.92E+02	[M+H]+	C52H94NO8P
PC(O-14:0_20:4)	7.41E+02	7.40E+02	[M+H]+	C42H78NO7P
PC(O-16:0_14:0)	6.93E+02	6.92E+02	[M+H]+	C38H78NO7P
PC(O-16:0_14:1)	6.91E+02	6.90E+02	[M+H]+	C38H76NO7P
PC(O-16:0_16:0)	7.21E+02	7.20E+02	[M+H]+	C40H82NO7P
PC(O-16:0_16:1)	7.19E+02	7.18E+02	[M+H]+	C40H80NO7P
PC(O-16:0_18:2)	7.45E+02	7.44E+02	[M+H]+	C42H82NO7P
PC(O-16:0_20:4)	7.69E+02	7.68E+02	[M+H]+	C44H82NO7P
PC(O-16:0_22:0)	8.05E+02	8.04E+02	[M+H]+	C46H94NO7P
PC(O-16:1_16:1)	7.17E+02	7.16E+02	[M+H]+	C40H78NO7P
PC(O-16:1_18:2)	7.43E+02	7.42E+02	[M+H]+	C42H80NO7P
PC(O-16:1_20:4)	7.67E+02	7.66E+02	[M+H]+	C44H80NO7P
PC(O-16:1_20:5)	7.65E+02	7.64E+02	[M+H]+	C44H78NO7P
PC(O-16:1_22:6)	7.91E+02	7.90E+02	[M+H]+	C46H80NO7P
PC(O-18:0_16:0)	7.49E+02	7.48E+02	[M+H]+	C42H86NO7P
PC(O-18:0_18:2)	7.73E+02	7.72E+02	[M+H]+	C44H86NO7P
PC(O-18:0_20:4)	7.97E+02	7.96E+02	[M+H]+	C46H86NO7P
PC(O-18:1_16:0)	7.47E+02	7.46E+02	[M+H]+	C42H84NO7P
PC(O-18:1_20:1)	8.01E+02	8.00E+02	[M+H]+	C46H90NO7P
PC(O-18:1_20:4)	7.95E+02	7.94E+02	[M+H]+	C46H84NO7P
PC(O-18:1_22:0)	8.31E+02	8.30E+02	[M+H]+	C48H96NO7P
PC(O-18:1_22:1)	8.29E+02	8.28E+02	[M+H]+	C48H94NO7P
PC(O-18:1_22:6)	8.19E+02	8.18E+02	[M+H]+	C48H84NO7P
PC(O-18:1_24:1)	8.57E+02	8.56E+02	[M+H]+	C50H98NO7P
PC(O-18:2_20:4)	7.93E+02	7.92E+02	[M+H]+	C46H82NO7P
PC(O-20:0_20:4)	8.25E+02	8.24E+02	[M+H]+	C48H90NO7P
PC(O-20:0_22:4)	8.53E+02	8.52E+02	[M+H]+	C50H94NO7P
PC(O-20:1_20:4)	8.23E+02	8.22E+02	[M+H]+	C48H88NO7P
PC(O-22:1_20:4)	8.51E+02	8.50E+02	[M+H]+	C50H92NO7P
PC(O-24:1_20:4)	8.79E+02	8.78E+02	[M+H]+	C52H96NO7P
PE(12:0_14:0)	6.06E+02	6.07E+02	[M-H]-	C31H62NO8P
PE(12:0_16:0)	6.34E+02	6.35E+02	[M-H]-	C33H66NO8P
PE(12:0_17:0)	6.48E+02	6.49E+02	[M-H]-	C34H68NO8P
PE(12:0_17:1)	6.46E+02	6.47E+02	[M-H]-	C34H66NO8P
PE(12:0_18:1)	6.60E+02	6.61E+02	[M-H]-	C35H68NO8P
PE(12:0_22:4)	7.10E+02	7.11E+02	[M-H]-	C39H70NO8P

PE(13:0_15:0)	6.34E+02	6.35E+02	[M-H]-	C33H66NO8P
PE(13:0_19:2)	6.86E+02	6.87E+02	[M-H]-	C37H70NO8P
PE(13:0_20:4)	6.96E+02	6.97E+02	[M-H]-	C38H68NO8P
PE(13:0_20:5)	6.94E+02	6.95E+02	[M-H]-	C38H66NO8P
PE(14:0_20:2)	7.15E+02	7.16E+02	[M-H]-	C39H74NO8P
PE(14:0_22:4)	7.39E+02	7.40E+02	[M-H]-	C41H74NO8P
PE(14:0_22:6)	7.34E+02	7.35E+02	[M-H]-	C41H70NO8P
PE(15:0_18:1)	7.03E+02	7.04E+02	[M-H]-	C38H74NO8P
PE(15:0_18:2)	7.00E+02	7.01E+02	[M-H]-	C38H72NO8P
PE(15:0_20:4)	7.24E+02	7.25E+02	[M-H]-	C40H72NO8P
PE(15:0_22:4)	7.53E+02	7.54E+02	[M-H]-	C42H76NO8P
PE(15:0_22:6)	7.48E+02	7.49E+02	[M-H]-	C42H72NO8P
PE(15:1_20:2)	7.27E+02	7.28E+02	[M-H]-	C40H74NO8P
PE(15:1_22:3)	7.53E+02	7.54E+02	[M-H]-	C42H76NO8P
PE(15:1_22:4)	7.51E+02	7.52E+02	[M-H]-	C42H74NO8P
PE(16:0_16:0)	6.91E+02	6.92E+02	[M-H]-	C37H74NO8P
PE(16:0_18:0)	7.19E+02	7.20E+02	[M-H]-	C39H78NO8P
PE(16:0_18:1)	7.17E+02	7.18E+02	[M-H]-	C39H76NO8P
PE(16:0_18:3)	7.12E+02	7.13E+02	[M-H]-	C39H72NO8P
PE(16:0_19:2)	7.29E+02	7.30E+02	[M-H]-	C40H76NO8P
PE(16:0_20:3)	7.41E+02	7.42E+02	[M-H]-	C41H76NO8P
PE(16:0_20:4)	7.39E+02	7.40E+02	[M-H]-	C41H74NO8P
PE(16:0_20:5)	7.36E+02	7.37E+02	[M-H]-	C41H72NO8P
PE(16:0_22:4)	7.67E+02	7.68E+02	[M-H]-	C43H78NO8P
PE(16:0_22:5)	7.65E+02	7.66E+02	[M-H]-	C43H76NO8P
PE(16:1_16:0)	6.88E+02	6.89E+02	[M-H]-	C37H72NO8P
PE(16:1_18:0)	7.17E+02	7.18E+02	[M-H]-	C39H76NO8P
PE(16:1_18:2)	7.12E+02	7.13E+02	[M-H]-	C39H72NO8P
PE(16:1_20:4)	7.36E+02	7.37E+02	[M-H]-	C41H72NO8P
PE(16:1_22:4)	7.65E+02	7.66E+02	[M-H]-	C43H76NO8P
PE(16:1_22:6)	7.60E+02	7.61E+02	[M-H]-	C43H72NO8P
PE(17:0_18:1)	7.31E+02	7.32E+02	[M-H]-	C40H78NO8P
PE(17:0_18:2)	7.29E+02	7.30E+02	[M-H]-	C40H76NO8P
PE(17:0_20:3)	7.55E+02	7.56E+02	[M-H]-	C42H78NO8P
PE(17:0_20:4)	7.53E+02	7.54E+02	[M-H]-	C42H76NO8P
PE(17:0_20:5)	7.51E+02	7.52E+02	[M-H]-	C42H74NO8P
PE(17:0_22:5)	7.79E+02	7.80E+02	[M-H]-	C44H78NO8P
PE(17:0_22:6)	7.77E+02	7.78E+02	[M-H]-	C44H76NO8P
PE(17:1_18:1)	7.29E+02	7.30E+02	[M-H]-	C40H76NO8P
PE(17:1_18:2)	7.27E+02	7.28E+02	[M-H]-	C40H74NO8P
PE(17:1_22:6)	7.75E+02	7.76E+02	[M-H]-	C44H74NO8P
PE(17:2_20:3)	7.51E+02	7.52E+02	[M-H]-	C42H74NO8P
PE(18:0_14:0)	6.91E+02	6.92E+02	[M-H]-	C37H74NO8P
PE(18:0_18:2)	7.43E+02	7.44E+02	[M-H]-	C41H78NO8P
PE(18:0_18:3)	7.41E+02	7.42E+02	[M-H]-	C41H76NO8P
PE(18:0_20:5)	7.65E+02	7.66E+02	[M-H]-	C43H76NO8P
PE(18:0_22:1)	8.01E+02	8.02E+02	[M-H]-	C45H88NO8P
PE(18:0_22:4)	7.95E+02	7.96E+02	[M-H]-	C45H82NO8P
PE(18:0_22:5)	7.93E+02	7.94E+02	[M-H]-	C45H80NO8P
PE(18:0_24:5)	8.21E+02	8.22E+02	[M-H]-	C47H84NO8P
PE(18:1_16:1)	7.15E+02	7.16E+02	[M-H]-	C39H74NO8P
PE(18:1_17:2)	7.27E+02	7.28E+02	[M-H]-	C40H74NO8P
PE(18:1_18:0)	7.45E+02	7.46E+02	[M-H]-	C41H80NO8P
PE(18:1_18:1)	7.43E+02	7.44E+02	[M-H]-	C41H78NO8P

PE(18:1_18:2)	7.41E+02	7.42E+02	[M-H]-	C41H76NO8P
PE(18:1_18:3)	7.39E+02	7.40E+02	[M-H]-	C41H74NO8P
PE(18:1_20:3)	7.67E+02	7.68E+02	[M-H]-	C43H78NO8P
PE(18:1_20:4)	7.65E+02	7.66E+02	[M-H]-	C43H76NO8P
PE(18:1_22:1)	7.99E+02	8.00E+02	[M-H]-	C45H86NO8P
PE(18:1_22:5)	7.91E+02	7.92E+02	[M-H]-	C45H78NO8P
PE(18:1_24:1)	8.27E+02	8.28E+02	[M-H]-	C47H90NO8P
PE(18:2_16:0)	7.15E+02	7.16E+02	[M-H]-	C39H74NO8P
PE(18:2_18:2)	7.39E+02	7.40E+02	[M-H]-	C41H74NO8P
PE(18:2_18:3)	7.36E+02	7.37E+02	[M-H]-	C41H72NO8P
PE(18:2_19:1)	7.55E+02	7.56E+02	[M-H]-	C42H78NO8P
PE(18:2_22:5)	7.89E+02	7.90E+02	[M-H]-	C45H76NO8P
PE(18:3_16:0)	7.12E+02	7.13E+02	[M-H]-	C39H72NO8P
PE(18:3_16:1)	7.10E+02	7.11E+02	[M-H]-	C39H70NO8P
PE(18:3_18:1)	7.39E+02	7.40E+02	[M-H]-	C41H74NO8P
PE(18:3_20:1)	7.67E+02	7.68E+02	[M-H]-	C43H78NO8P
PE(19:0_18:2)	7.57E+02	7.58E+02	[M-H]-	C42H80NO8P
PE(19:0_20:4)	7.81E+02	7.82E+02	[M-H]-	C44H80NO8P
PE(19:0_22:6)	8.05E+02	8.06E+02	[M-H]-	C46H80NO8P
PE(19:1_20:4)	7.79E+02	7.80E+02	[M-H]-	C44H78NO8P
PE(20:1_16:0)	7.45E+02	7.46E+02	[M-H]-	C41H80NO8P
PE(20:1_18:0)	7.73E+02	7.74E+02	[M-H]-	C43H84NO8P
PE(20:1_18:1)	7.71E+02	7.72E+02	[M-H]-	C43H82NO8P
PE(20:1_18:2)	7.69E+02	7.70E+02	[M-H]-	C43H80NO8P
PE(20:1_20:4)	7.93E+02	7.94E+02	[M-H]-	C45H80NO8P
PE(20:1_20:5)	7.91E+02	7.92E+02	[M-H]-	C45H78NO8P
PE(20:2_16:0)	7.43E+02	7.44E+02	[M-H]-	C41H78NO8P
PE(20:2_18:0)	7.71E+02	7.72E+02	[M-H]-	C43H82NO8P
PE(20:2_18:3)	7.65E+02	7.66E+02	[M-H]-	C43H76NO8P
PE(20:2_20:4)	7.91E+02	7.92E+02	[M-H]-	C45H78NO8P
PE(20:2_20:5)	7.89E+02	7.90E+02	[M-H]-	C45H76NO8P
PE(20:2_22:5)	8.17E+02	8.18E+02	[M-H]-	C47H80NO8P
PE(20:2_22:6)	8.15E+02	8.16E+02	[M-H]-	C47H78NO8P
PE(20:3_18:0)	7.69E+02	7.70E+02	[M-H]-	C43H80NO8P
PE(20:3_20:4)	7.89E+02	7.90E+02	[M-H]-	C45H76NO8P
PE(20:4_14:0)	7.10E+02	7.11E+02	[M-H]-	C39H70NO8P
PE(20:4_18:0)	7.67E+02	7.68E+02	[M-H]-	C43H78NO8P
PE(20:4_20:4)	7.87E+02	7.88E+02	[M-H]-	C45H74NO8P
PE(20:4_22:2)	8.19E+02	8.20E+02	[M-H]-	C47H82NO8P
PE(20:4_22:6)	8.11E+02	8.12E+02	[M-H]-	C47H74NO8P
PE(20:5_16:1)	7.34E+02	7.35E+02	[M-H]-	C41H70NO8P
PE(20:5_18:1)	7.63E+02	7.64E+02	[M-H]-	C43H74NO8P
PE(20:5_18:2)	7.60E+02	7.61E+02	[M-H]-	C43H72NO8P
PE(22:0_18:1)	8.01E+02	8.02E+02	[M-H]-	C45H88NO8P
PE(22:0_18:2)	7.99E+02	8.00E+02	[M-H]-	C45H86NO8P
PE(22:1_18:0)	8.01E+02	8.02E+02	[M-H]-	C45H88NO8P
PE(22:2_22:5)	8.45E+02	8.46E+02	[M-H]-	C49H84NO8P
PE(22:3_20:4)	8.17E+02	8.18E+02	[M-H]-	C47H80NO8P
PE(22:6_16:0)	7.63E+02	7.64E+02	[M-H]-	C43H74NO8P
PE(22:6_18:0)	7.91E+02	7.92E+02	[M-H]-	C45H78NO8P
PE(22:6_18:1)	7.89E+02	7.90E+02	[M-H]-	C45H76NO8P
PE(22:6_18:2)	7.87E+02	7.88E+02	[M-H]-	C45H74NO8P
PE(22:6_20:0)	8.19E+02	8.20E+02	[M-H]-	C47H82NO8P
PE(22:6_20:1)	8.17E+02	8.18E+02	[M-H]-	C47H80NO8P

PE(24:0_18:1)	8.29E+02	8.30E+02	[M-H]-	C47H92NO8P
PE(24:0_20:4)	8.51E+02	8.52E+02	[M-H]-	C49H90NO8P
PE(O-16:0_16:0)	6.77E+02	6.78E+02	[M-H]-	C37H76NO7P
PE(O-16:0_16:1)	6.75E+02	6.76E+02	[M-H]-	C37H74NO7P
PE(O-16:0_18:1)	7.03E+02	7.04E+02	[M-H]-	C39H78NO7P
PE(O-16:0_18:2)	7.01E+02	7.02E+02	[M-H]-	C39H76NO7P
PE(O-16:0_20:0)	7.33E+02	7.34E+02	[M-H]-	C41H84NO7P
PE(O-16:0_20:3)	7.27E+02	7.28E+02	[M-H]-	C41H78NO7P
PE(O-16:0_20:4)	7.25E+02	7.26E+02	[M-H]-	C41H76NO7P
PE(O-16:0_20:5)	7.23E+02	7.24E+02	[M-H]-	C41H74NO7P
PE(O-16:0_22:3)	7.55E+02	7.56E+02	[M-H]-	C43H82NO7P
PE(O-16:0_22:4)	7.53E+02	7.54E+02	[M-H]-	C43H80NO7P
PE(O-16:0_22:6)	7.49E+02	7.50E+02	[M-H]-	C43H76NO7P
PE(O-16:1_16:0)	6.75E+02	6.76E+02	[M-H]-	C37H74NO7P
PE(O-16:1_16:1)	6.72E+02	6.74E+02	[M-H]-	C37H72NO7P
PE(O-16:1_18:1)	7.01E+02	7.02E+02	[M-H]-	C39H76NO7P
PE(O-16:1_20:1)	7.29E+02	7.30E+02	[M-H]-	C41H80NO7P
PE(O-16:1_20:3)	7.25E+02	7.26E+02	[M-H]-	C41H76NO7P
PE(O-16:1_20:4)	7.23E+02	7.24E+02	[M-H]-	C41H74NO7P
PE(O-16:1_20:5)	7.20E+02	7.22E+02	[M-H]-	C41H72NO7P
PE(O-16:1_21:1)	7.43E+02	7.44E+02	[M-H]-	C42H82NO7P
PE(O-16:1_22:1)	7.57E+02	7.58E+02	[M-H]-	C43H84NO7P
PE(O-16:1_22:5)	7.49E+02	7.50E+02	[M-H]-	C43H76NO7P
PE(O-16:1_22:6)	7.47E+02	7.48E+02	[M-H]-	C43H74NO7P
PE(O-16:1_24:4)	7.79E+02	7.80E+02	[M-H]-	C45H82NO7P
PE(O-16:2_20:4)	7.20E+02	7.22E+02	[M-H]-	C41H72NO7P
PE(O-17:1_18:1)	7.15E+02	7.16E+02	[M-H]-	C40H78NO7P
PE(O-17:1_18:2)	7.13E+02	7.14E+02	[M-H]-	C40H76NO7P
PE(O-17:1_20:4)	7.37E+02	7.38E+02	[M-H]-	C42H76NO7P
PE(O-17:1_22:4)	7.65E+02	7.66E+02	[M-H]-	C44H80NO7P
PE(O-17:1_22:6)	7.61E+02	7.62E+02	[M-H]-	C44H76NO7P
PE(O-17:2_18:1)	7.13E+02	7.14E+02	[M-H]-	C40H76NO7P
PE(O-17:2_20:4)	7.35E+02	7.36E+02	[M-H]-	C42H74NO7P
PE(O-18:0_16:0)	7.05E+02	7.06E+02	[M-H]-	C39H80NO7P
PE(O-18:0_20:1)	7.59E+02	7.60E+02	[M-H]-	C43H86NO7P
PE(O-18:0_20:4)	7.53E+02	7.54E+02	[M-H]-	C43H80NO7P
PE(O-18:0_22:4)	7.81E+02	7.82E+02	[M-H]-	C45H84NO7P
PE(O-18:0_22:6)	7.77E+02	7.78E+02	[M-H]-	C45H80NO7P
PE(O-18:1_18:0)	7.31E+02	7.32E+02	[M-H]-	C41H82NO7P
PE(O-18:1_18:1)	7.29E+02	7.30E+02	[M-H]-	C41H80NO7P
PE(O-18:1_18:2)	7.27E+02	7.28E+02	[M-H]-	C41H78NO7P
PE(O-18:1_20:1)	7.57E+02	7.58E+02	[M-H]-	C43H84NO7P
PE(O-18:1_20:3)	7.53E+02	7.54E+02	[M-H]-	C43H80NO7P
PE(O-18:1_20:4)	7.51E+02	7.52E+02	[M-H]-	C43H78NO7P
PE(O-18:1_20:5)	7.49E+02	7.50E+02	[M-H]-	C43H76NO7P
PE(O-18:1_21:1)	7.71E+02	7.72E+02	[M-H]-	C44H86NO7P
PE(O-18:1_22:1)	7.85E+02	7.86E+02	[M-H]-	C45H88NO7P
PE(O-18:1_22:2)	7.83E+02	7.84E+02	[M-H]-	C45H86NO7P
PE(O-18:1_22:4)	7.79E+02	7.80E+02	[M-H]-	C45H82NO7P
PE(O-18:1_22:5)	7.77E+02	7.78E+02	[M-H]-	C45H80NO7P
PE(O-18:1_22:6)	7.75E+02	7.76E+02	[M-H]-	C45H78NO7P
PE(O-18:1_24:4)	8.07E+02	8.08E+02	[M-H]-	C47H86NO7P
PE(O-18:1_24:5)	8.05E+02	8.06E+02	[M-H]-	C47H84NO7P
PE(O-18:2_18:1)	7.27E+02	7.28E+02	[M-H]-	C41H78NO7P

PE(O-18:2_18:2)	7.25E+02	7.26E+02	[M-H]-	C41H76NO7P
PE(O-18:2_19:1)	7.41E+02	7.42E+02	[M-H]-	C42H80NO7P
PE(O-18:2_20:1)	7.55E+02	7.56E+02	[M-H]-	C43H82NO7P
PE(O-18:2_20:2)	7.53E+02	7.54E+02	[M-H]-	C43H80NO7P
PE(O-18:2_20:4)	7.49E+02	7.50E+02	[M-H]-	C43H76NO7P
PE(O-18:2_20:5)	7.47E+02	7.48E+02	[M-H]-	C43H74NO7P
PE(O-18:2_22:1)	7.83E+02	7.84E+02	[M-H]-	C45H86NO7P
PE(O-18:2_22:5)	7.75E+02	7.76E+02	[M-H]-	C45H78NO7P
PE(O-18:2_22:6)	7.73E+02	7.74E+02	[M-H]-	C45H76NO7P
PE(O-18:2_24:1)	8.11E+02	8.12E+02	[M-H]-	C47H90NO7P
PE(O-18:2_24:2)	8.09E+02	8.10E+02	[M-H]-	C47H88NO7P
PE(O-18:3_18:1)	7.25E+02	7.26E+02	[M-H]-	C41H76NO7P
PE(O-18:3_20:4)	7.47E+02	7.48E+02	[M-H]-	C43H74NO7P
PE(O-19:1_22:6)	7.89E+02	7.90E+02	[M-H]-	C46H80NO7P
PE(O-20:0_16:0)	7.33E+02	7.34E+02	[M-H]-	C41H84NO7P
PE(O-20:0_18:1)	7.59E+02	7.60E+02	[M-H]-	C43H86NO7P
PE(O-20:0_18:2)	7.57E+02	7.58E+02	[M-H]-	C43H84NO7P
PE(O-20:0_20:4)	7.81E+02	7.82E+02	[M-H]-	C45H84NO7P
PE(O-20:0_22:4)	8.09E+02	8.10E+02	[M-H]-	C47H88NO7P
PE(O-20:0_22:6)	8.05E+02	8.06E+02	[M-H]-	C47H84NO7P
PE(O-20:1_18:1)	7.57E+02	7.58E+02	[M-H]-	C43H84NO7P
PE(O-20:1_18:2)	7.55E+02	7.56E+02	[M-H]-	C43H82NO7P
PE(O-20:1_20:1)	7.85E+02	7.86E+02	[M-H]-	C45H88NO7P
PE(O-20:1_20:5)	7.77E+02	7.78E+02	[M-H]-	C45H80NO7P
PE(O-20:1_22:4)	8.07E+02	8.08E+02	[M-H]-	C47H86NO7P
PE(O-20:1_22:5)	8.05E+02	8.06E+02	[M-H]-	C47H84NO7P
PE(O-20:1_22:6)	8.03E+02	8.04E+02	[M-H]-	C47H82NO7P
PE(O-20:2_22:6)	8.01E+02	8.02E+02	[M-H]-	C47H80NO7P
PE(O-20:3_20:4)	7.75E+02	7.76E+02	[M-H]-	C45H78NO7P
PE(O-20:5_16:0)	7.23E+02	7.24E+02	[M-H]-	C41H74NO7P
PE(O-22:0_18:2)	7.85E+02	7.86E+02	[M-H]-	C45H88NO7P
PE(O-22:0_22:6)	8.33E+02	8.34E+02	[M-H]-	C49H88NO7P
PE(O-22:1_18:1)	7.85E+02	7.86E+02	[M-H]-	C45H88NO7P
PE(O-22:1_18:2)	7.83E+02	7.84E+02	[M-H]-	C45H86NO7P
PE(O-22:1_20:4)	8.07E+02	8.08E+02	[M-H]-	C47H86NO7P
PE(O-22:2_22:4)	8.33E+02	8.34E+02	[M-H]-	C49H88NO7P
PE(O-24:2_18:1)	8.11E+02	8.12E+02	[M-H]-	C47H90NO7P
PE(P-14:0_20:4)	6.96E+02	6.95E+02	[M+H]+	C39H70NO7P
PE(P-14:0_22:6)	7.20E+02	7.19E+02	[M+H]+	C41H70NO7P
PE(P-15:0_20:4)	7.11E+02	7.10E+02	[M+H]+	C40H72NO7P
PE(P-16:0_16:0)	6.77E+02	6.76E+02	[M+H]+	C37H74NO7P
PE(P-16:0_16:1)	6.75E+02	6.74E+02	[M+H]+	C37H72NO7P
PE(P-16:0_17:1)	6.89E+02	6.88E+02	[M+H]+	C38H74NO7P
PE(P-16:0_18:1)	7.03E+02	7.02E+02	[M+H]+	C39H76NO7P
PE(P-16:0_18:2)	7.01E+02	7.00E+02	[M+H]+	C39H74NO7P
PE(P-16:0_18:3)	6.99E+02	6.98E+02	[M+H]+	C39H72NO7P
PE(P-16:0_20:1)	7.31E+02	7.30E+02	[M+H]+	C41H80NO7P
PE(P-16:0_20:2)	7.29E+02	7.28E+02	[M+H]+	C41H78NO7P
PE(P-16:0_20:3)	7.27E+02	7.26E+02	[M+H]+	C41H76NO7P
PE(P-16:0_20:4)	7.25E+02	7.24E+02	[M+H]+	C41H74NO7P
PE(P-16:0_20:5)	7.23E+02	7.22E+02	[M+H]+	C41H72NO7P
PE(P-16:0_22:0)	7.61E+02	7.60E+02	[M+H]+	C43H86NO7P
PE(P-16:0_22:1)	7.59E+02	7.58E+02	[M+H]+	C43H84NO7P
PE(P-16:0_22:3)	7.55E+02	7.54E+02	[M+H]+	C43H80NO7P

PE(P-16:0_22:4)	7.53E+02	7.52E+02	[M+H] ⁺	C43H78NO7P
PE(P-16:0_22:5)	7.51E+02	7.50E+02	[M+H] ⁺	C43H76NO7P
PE(P-16:0_22:6)	7.49E+02	7.48E+02	[M+H] ⁺	C43H74NO7P
PE(P-16:0_24:2)	7.85E+02	7.84E+02	[M+H] ⁺	C45H86NO7P
PE(P-16:0_24:3)	7.83E+02	7.82E+02	[M+H] ⁺	C45H84NO7P
PE(P-16:0_24:4)	7.81E+02	7.80E+02	[M+H] ⁺	C45H82NO7P
PE(P-16:0_24:5)	7.79E+02	7.78E+02	[M+H] ⁺	C45H80NO7P
PE(P-16:0_24:6)	7.77E+02	7.76E+02	[M+H] ⁺	C45H78NO7P
PE(P-16:1_20:4)	7.23E+02	7.22E+02	[M+H] ⁺	C41H72NO7P
PE(P-16:1_22:2)	7.55E+02	7.54E+02	[M+H] ⁺	C43H80NO7P
PE(P-17:0_18:1)	7.17E+02	7.16E+02	[M+H] ⁺	C40H78NO7P
PE(P-17:0_20:1)	7.45E+02	7.44E+02	[M+H] ⁺	C42H82NO7P
PE(P-17:0_20:3)	7.41E+02	7.40E+02	[M+H] ⁺	C42H78NO7P
PE(P-17:0_20:4)	7.39E+02	7.38E+02	[M+H] ⁺	C42H76NO7P
PE(P-17:0_22:4)	7.67E+02	7.66E+02	[M+H] ⁺	C44H80NO7P
PE(P-17:0_22:5)	7.65E+02	7.64E+02	[M+H] ⁺	C44H78NO7P
PE(P-17:0_22:6)	7.63E+02	7.62E+02	[M+H] ⁺	C44H76NO7P
PE(P-18:0_18:0)	7.33E+02	7.32E+02	[M+H] ⁺	C41H82NO7P
PE(P-18:0_18:1)	7.31E+02	7.30E+02	[M+H] ⁺	C41H80NO7P
PE(P-18:0_18:2)	7.29E+02	7.28E+02	[M+H] ⁺	C41H78NO7P
PE(P-18:0_20:0)	7.61E+02	7.60E+02	[M+H] ⁺	C43H86NO7P
PE(P-18:0_20:1)	7.59E+02	7.58E+02	[M+H] ⁺	C43H84NO7P
PE(P-18:0_20:3)	7.55E+02	7.54E+02	[M+H] ⁺	C43H80NO7P
PE(P-18:0_20:4)	7.53E+02	7.52E+02	[M+H] ⁺	C43H78NO7P
PE(P-18:0_20:5)	7.51E+02	7.50E+02	[M+H] ⁺	C43H76NO7P
PE(P-18:0_22:0)	7.89E+02	7.88E+02	[M+H] ⁺	C45H90NO7P
PE(P-18:0_22:1)	7.87E+02	7.86E+02	[M+H] ⁺	C45H88NO7P
PE(P-18:0_22:3)	7.83E+02	7.82E+02	[M+H] ⁺	C45H84NO7P
PE(P-18:0_22:4)	7.81E+02	7.80E+02	[M+H] ⁺	C45H82NO7P
PE(P-18:0_22:5)	7.79E+02	7.78E+02	[M+H] ⁺	C45H80NO7P
PE(P-18:0_22:6)	7.77E+02	7.76E+02	[M+H] ⁺	C45H78NO7P
PE(P-18:0_24:2)	8.13E+02	8.12E+02	[M+H] ⁺	C47H90NO7P
PE(P-18:0_24:3)	8.11E+02	8.10E+02	[M+H] ⁺	C47H88NO7P
PE(P-18:0_24:4)	8.09E+02	8.08E+02	[M+H] ⁺	C47H86NO7P
PE(P-18:0_24:5)	8.07E+02	8.06E+02	[M+H] ⁺	C47H84NO7P
PE(P-18:0_24:6)	8.05E+02	8.04E+02	[M+H] ⁺	C47H82NO7P
PE(P-18:1_14:0)	6.75E+02	6.74E+02	[M+H] ⁺	C37H72NO7P
PE(P-18:1_16:1)	7.01E+02	7.00E+02	[M+H] ⁺	C39H74NO7P
PE(P-18:1_17:1)	7.15E+02	7.14E+02	[M+H] ⁺	C40H76NO7P
PE(P-18:1_18:1)	7.29E+02	7.28E+02	[M+H] ⁺	C41H78NO7P
PE(P-18:1_18:2)	7.27E+02	7.26E+02	[M+H] ⁺	C41H76NO7P
PE(P-18:1_19:1)	7.43E+02	7.42E+02	[M+H] ⁺	C42H80NO7P
PE(P-18:1_20:0)	7.59E+02	7.58E+02	[M+H] ⁺	C43H84NO7P
PE(P-18:1_20:1)	7.57E+02	7.56E+02	[M+H] ⁺	C43H82NO7P
PE(P-18:1_20:2)	7.55E+02	7.54E+02	[M+H] ⁺	C43H80NO7P
PE(P-18:1_20:3)	7.53E+02	7.52E+02	[M+H] ⁺	C43H78NO7P
PE(P-18:1_20:4)	7.51E+02	7.50E+02	[M+H] ⁺	C43H76NO7P
PE(P-18:1_20:5)	7.49E+02	7.48E+02	[M+H] ⁺	C43H74NO7P
PE(P-18:1_21:0)	7.73E+02	7.72E+02	[M+H] ⁺	C44H86NO7P
PE(P-18:1_22:1)	7.85E+02	7.84E+02	[M+H] ⁺	C45H86NO7P
PE(P-18:1_22:3)	7.81E+02	7.80E+02	[M+H] ⁺	C45H82NO7P
PE(P-18:1_22:4)	7.79E+02	7.78E+02	[M+H] ⁺	C45H80NO7P
PE(P-18:1_22:5)	7.77E+02	7.76E+02	[M+H] ⁺	C45H78NO7P
PE(P-18:1_22:6)	7.75E+02	7.74E+02	[M+H] ⁺	C45H76NO7P

PE(P-18:1_24:2)	8.11E+02	8.10E+02	[M+H]+	C47H88NO7P
PE(P-18:1_24:4)	8.07E+02	8.06E+02	[M+H]+	C47H84NO7P
PE(P-18:1_24:5)	8.05E+02	8.04E+02	[M+H]+	C47H82NO7P
PE(P-18:2_16:1)	6.99E+02	6.98E+02	[M+H]+	C39H72NO7P
PE(P-18:2_18:1)	7.27E+02	7.26E+02	[M+H]+	C41H76NO7P
PE(P-18:2_18:2)	7.25E+02	7.24E+02	[M+H]+	C41H74NO7P
PE(P-18:2_20:2)	7.53E+02	7.52E+02	[M+H]+	C43H78NO7P
PE(P-18:2_20:4)	7.49E+02	7.48E+02	[M+H]+	C43H74NO7P
PE(P-18:2_20:5)	7.47E+02	7.46E+02	[M+H]+	C43H72NO7P
PE(P-18:2_22:5)	7.75E+02	7.74E+02	[M+H]+	C45H76NO7P
PE(P-18:2_22:6)	7.73E+02	7.72E+02	[M+H]+	C45H74NO7P
PE(P-18:3_18:1)	7.25E+02	7.24E+02	[M+H]+	C41H74NO7P
PE(P-18:3_22:4)	7.75E+02	7.74E+02	[M+H]+	C45H76NO7P
PE(P-18:3_22:6)	7.71E+02	7.70E+02	[M+H]+	C45H72NO7P
PE(P-19:0_20:1)	7.73E+02	7.72E+02	[M+H]+	C44H86NO7P
PE(P-19:0_20:4)	7.67E+02	7.66E+02	[M+H]+	C44H80NO7P
PE(P-20:0_18:1)	7.59E+02	7.58E+02	[M+H]+	C43H84NO7P
PE(P-20:0_20:3)	7.83E+02	7.82E+02	[M+H]+	C45H84NO7P
PE(P-20:0_22:5)	8.07E+02	8.06E+02	[M+H]+	C47H84NO7P
PE(P-20:1_18:2)	7.55E+02	7.54E+02	[M+H]+	C43H80NO7P
PE(P-20:1_20:3)	7.81E+02	7.80E+02	[M+H]+	C45H82NO7P
PE(P-20:1_22:6)	8.03E+02	8.02E+02	[M+H]+	C47H80NO7P
PE(P-20:2_22:4)	8.05E+02	8.04E+02	[M+H]+	C47H82NO7P
PE(P-20:2_22:6)	8.01E+02	8.00E+02	[M+H]+	C47H78NO7P
PE(P-20:3_18:1)	7.53E+02	7.52E+02	[M+H]+	C43H78NO7P
PE(P-20:3_20:4)	7.75E+02	7.74E+02	[M+H]+	C45H76NO7P
PE(P-20:3_22:6)	7.99E+02	7.98E+02	[M+H]+	C47H76NO7P
PE(P-22:0_20:4)	8.09E+02	8.08E+02	[M+H]+	C47H86NO7P
PE(P-22:1_18:2)	7.83E+02	7.82E+02	[M+H]+	C45H84NO7P
PE(P-22:1_20:4)	8.07E+02	8.06E+02	[M+H]+	C47H84NO7P
PE(P-22:1_22:6)	8.31E+02	8.30E+02	[M+H]+	C49H84NO7P
PE(P-24:1_18:1)	8.13E+02	8.12E+02	[M+H]+	C47H90NO7P
PE(P-24:2_18:2)	8.09E+02	8.08E+02	[M+H]+	C47H86NO7P
PG(10:0_14:0)	6.09E+02	6.10E+02	[M-H]-	C30H59O10P
PG(12:0_14:1)	6.35E+02	6.36E+02	[M-H]-	C32H61O10P
PG(12:0_15:0)	6.51E+02	6.52E+02	[M-H]-	C33H65O10P
PG(12:0_16:1)	6.63E+02	6.64E+02	[M-H]-	C34H65O10P
PG(12:0_17:1)	6.77E+02	6.78E+02	[M-H]-	C35H67O10P
PG(12:0_18:1)	6.91E+02	6.92E+02	[M-H]-	C36H69O10P
PG(12:0_22:5)	7.39E+02	7.40E+02	[M-H]-	C40H69O10P
PG(13:0_13:1)	6.35E+02	6.36E+02	[M-H]-	C32H61O10P
PG(14:0_16:0)	6.93E+02	6.94E+02	[M-H]-	C36H71O10P
PG(14:0_16:1)	6.91E+02	6.92E+02	[M-H]-	C36H69O10P
PG(16:0_16:0)	7.22E+02	7.23E+02	[M-H]-	C38H75O10P
PG(16:0_16:1)	7.19E+02	7.20E+02	[M-H]-	C38H73O10P
PG(16:0_16:2)	7.17E+02	7.18E+02	[M-H]-	C38H71O10P
PG(16:0_18:1)	7.48E+02	7.49E+02	[M-H]-	C40H77O10P
PG(16:0_18:3)	7.43E+02	7.44E+02	[M-H]-	C40H73O10P
PG(16:0_20:0)	7.78E+02	7.79E+02	[M-H]-	C42H83O10P
PG(16:0_20:1)	7.76E+02	7.77E+02	[M-H]-	C42H81O10P
PG(16:0_20:2)	7.74E+02	7.75E+02	[M-H]-	C42H79O10P
PG(16:0_20:4)	7.70E+02	7.71E+02	[M-H]-	C42H75O10P
PG(16:0_20:5)	7.67E+02	7.68E+02	[M-H]-	C42H73O10P
PG(16:0_22:0)	8.06E+02	8.07E+02	[M-H]-	C44H87O10P

PG(16:0_22:1)	8.04E+02	8.05E+02	[M-H]-	C44H85O10P
PG(16:0_22:2)	8.02E+02	8.03E+02	[M-H]-	C44H83O10P
PG(16:0_22:3)	8.00E+02	8.01E+02	[M-H]-	C44H81O10P
PG(16:0_22:6)	7.94E+02	7.95E+02	[M-H]-	C44H75O10P
PG(16:1_16:1)	7.17E+02	7.18E+02	[M-H]-	C38H71O10P
PG(16:1_16:2)	7.15E+02	7.16E+02	[M-H]-	C38H69O10P
PG(16:1_18:3)	7.41E+02	7.42E+02	[M-H]-	C40H71O10P
PG(16:1_20:3)	7.70E+02	7.71E+02	[M-H]-	C42H75O10P
PG(16:1_20:4)	7.67E+02	7.68E+02	[M-H]-	C42H73O10P
PG(16:1_20:5)	7.65E+02	7.66E+02	[M-H]-	C42H71O10P
PG(16:1_22:6)	7.91E+02	7.92E+02	[M-H]-	C44H73O10P
PG(17:0_18:0)	7.64E+02	7.65E+02	[M-H]-	C41H81O10P
PG(17:0_19:0)	7.78E+02	7.79E+02	[M-H]-	C42H83O10P
PG(17:0_22:1)	8.18E+02	8.19E+02	[M-H]-	C45H87O10P
PG(17:1_18:1)	7.62E+02	7.63E+02	[M-H]-	C41H79O10P
PG(18:0_16:0)	7.50E+02	7.51E+02	[M-H]-	C40H79O10P
PG(18:0_16:1)	7.48E+02	7.49E+02	[M-H]-	C40H77O10P
PG(18:0_18:1)	7.76E+02	7.77E+02	[M-H]-	C42H81O10P
PG(18:0_18:2)	7.74E+02	7.75E+02	[M-H]-	C42H79O10P
PG(18:0_19:0)	7.92E+02	7.93E+02	[M-H]-	C43H85O10P
PG(18:0_19:2)	7.88E+02	7.89E+02	[M-H]-	C43H81O10P
PG(18:0_20:4)	7.98E+02	7.99E+02	[M-H]-	C44H79O10P
PG(18:1_18:1)	7.74E+02	7.75E+02	[M-H]-	C42H79O10P
PG(18:1_18:3)	7.70E+02	7.71E+02	[M-H]-	C42H75O10P
PG(18:1_19:1)	7.88E+02	7.89E+02	[M-H]-	C43H81O10P
PG(18:1_20:3)	7.98E+02	7.99E+02	[M-H]-	C44H79O10P
PG(18:1_20:4)	7.96E+02	7.97E+02	[M-H]-	C44H77O10P
PG(18:1_20:5)	7.94E+02	7.95E+02	[M-H]-	C44H75O10P
PG(18:1_22:6)	8.20E+02	8.21E+02	[M-H]-	C46H77O10P
PG(18:2_16:0)	7.46E+02	7.47E+02	[M-H]-	C40H75O10P
PG(18:2_16:1)	7.43E+02	7.44E+02	[M-H]-	C40H73O10P
PG(18:2_18:1)	7.72E+02	7.73E+02	[M-H]-	C42H77O10P
PG(18:2_18:2)	7.70E+02	7.71E+02	[M-H]-	C42H75O10P
PG(18:2_18:3)	7.67E+02	7.68E+02	[M-H]-	C42H73O10P
PG(18:2_21:2)	8.12E+02	8.13E+02	[M-H]-	C45H81O10P
PG(18:2_22:2)	8.26E+02	8.27E+02	[M-H]-	C46H83O10P
PG(18:2_22:6)	8.18E+02	8.19E+02	[M-H]-	C46H75O10P
PG(19:0_15:1)	7.48E+02	7.49E+02	[M-H]-	C40H77O10P
PG(19:0_20:1)	8.18E+02	8.19E+02	[M-H]-	C45H87O10P
PG(19:2_20:4)	8.08E+02	8.09E+02	[M-H]-	C45H77O10P
PG(20:0_20:4)	8.26E+02	8.27E+02	[M-H]-	C46H83O10P
PG(20:0_22:6)	8.50E+02	8.51E+02	[M-H]-	C48H83O10P
PG(20:1_18:1)	8.02E+02	8.03E+02	[M-H]-	C44H83O10P
PG(20:1_18:2)	8.00E+02	8.01E+02	[M-H]-	C44H81O10P
PG(20:1_20:3)	8.26E+02	8.27E+02	[M-H]-	C46H83O10P
PG(20:1_22:6)	8.48E+02	8.49E+02	[M-H]-	C48H81O10P
PG(20:2_22:6)	8.46E+02	8.47E+02	[M-H]-	C48H79O10P
PG(20:3_22:6)	8.44E+02	8.45E+02	[M-H]-	C48H77O10P
PG(20:4_20:4)	8.18E+02	8.19E+02	[M-H]-	C46H75O10P
PG(20:4_22:6)	8.42E+02	8.43E+02	[M-H]-	C48H75O10P
PG(22:0_18:1)	8.32E+02	8.33E+02	[M-H]-	C46H89O10P
PG(22:0_20:3)	8.56E+02	8.57E+02	[M-H]-	C48H89O10P
PG(22:0_20:4)	8.54E+02	8.55E+02	[M-H]-	C48H87O10P
PG(22:0_20:5)	8.52E+02	8.53E+02	[M-H]-	C48H85O10P

PG(22:0_22:4)	8.82E+02	8.83E+02	[M-H]-	C50H91O10P
PG(22:0_22:6)	8.78E+02	8.79E+02	[M-H]-	C50H87O10P
PG(22:1_18:2)	8.28E+02	8.29E+02	[M-H]-	C46H85O10P
PG(22:1_20:5)	8.50E+02	8.51E+02	[M-H]-	C48H83O10P
PG(22:5_22:6)	8.68E+02	8.69E+02	[M-H]-	C50H77O10P
PG(22:6_22:6)	8.66E+02	8.67E+02	[M-H]-	C50H75O10P
PG(24:0_20:4)	8.82E+02	8.83E+02	[M-H]-	C50H91O10P
PG(9:0_22:4)	6.99E+02	7.00E+02	[M-H]-	C37H65O10P
PGD1	3.53E+02	3.54E+02	[M-H]-	C20H34O5
PGD2	3.51E+02	3.52E+02	[M-H]-	C20H32O5
PGE1	3.53E+02	3.54E+02	[M-H]-	C20H34O5
PGE2	3.51E+02	3.52E+02	[M-H]-	C20H32O5
PGF2 α	3.53E+02	3.54E+02	[M-H]-	C20H34O5
PI(10:0_12:0)	6.69E+02	6.70E+02	[M-H]-	C31H59O13P
PI(10:0_16:0)	7.25E+02	7.26E+02	[M-H]-	C35H67O13P
PI(12:0_13:1)	7.09E+02	7.10E+02	[M-H]-	C34H63O13P
PI(12:0_18:0)	7.81E+02	7.82E+02	[M-H]-	C39H75O13P
PI(12:0_18:1)	7.79E+02	7.80E+02	[M-H]-	C39H73O13P
PI(12:0_22:4)	8.29E+02	8.30E+02	[M-H]-	C43H75O13P
PI(13:0_18:2)	7.91E+02	7.92E+02	[M-H]-	C40H73O13P
PI(13:0_20:4)	8.15E+02	8.16E+02	[M-H]-	C42H73O13P
PI(13:1_18:1)	7.91E+02	7.92E+02	[M-H]-	C40H73O13P
PI(14:0_19:0)	8.24E+02	8.25E+02	[M-H]-	C42H81O13P
PI(14:1_18:1)	8.05E+02	8.06E+02	[M-H]-	C41H75O13P
PI(14:1_24:2)	8.88E+02	8.89E+02	[M-H]-	C47H85O13P
PI(15:0_16:1)	7.93E+02	7.94E+02	[M-H]-	C40H75O13P
PI(15:0_19:2)	8.34E+02	8.35E+02	[M-H]-	C43H79O13P
PI(15:0_21:1)	8.64E+02	8.65E+02	[M-H]-	C45H85O13P
PI(15:0_22:4)	8.72E+02	8.73E+02	[M-H]-	C46H81O13P
PI(15:1_16:1)	7.91E+02	7.92E+02	[M-H]-	C40H73O13P
PI(15:1_18:1)	8.20E+02	8.21E+02	[M-H]-	C42H77O13P
PI(15:1_18:3)	8.15E+02	8.16E+02	[M-H]-	C42H73O13P
PI(15:1_20:4)	8.41E+02	8.42E+02	[M-H]-	C44H75O13P
PI(15:1_22:4)	8.70E+02	8.71E+02	[M-H]-	C46H79O13P
PI(16:0_16:1)	8.08E+02	8.09E+02	[M-H]-	C41H77O13P
PI(16:0_17:0)	8.24E+02	8.25E+02	[M-H]-	C42H81O13P
PI(16:0_17:1)	8.22E+02	8.23E+02	[M-H]-	C42H79O13P
PI(16:0_18:1)	8.36E+02	8.37E+02	[M-H]-	C43H81O13P
PI(16:0_18:3)	8.32E+02	8.33E+02	[M-H]-	C43H77O13P
PI(16:0_19:0)	8.52E+02	8.53E+02	[M-H]-	C44H85O13P
PI(16:0_20:3)	8.60E+02	8.61E+02	[M-H]-	C45H81O13P
PI(16:0_20:4)	8.58E+02	8.59E+02	[M-H]-	C45H79O13P
PI(16:0_20:5)	8.56E+02	8.57E+02	[M-H]-	C45H77O13P
PI(16:0_22:4)	8.86E+02	8.87E+02	[M-H]-	C47H83O13P
PI(16:0_22:6)	8.82E+02	8.83E+02	[M-H]-	C47H79O13P
PI(16:1_18:1)	8.34E+02	8.35E+02	[M-H]-	C43H79O13P
PI(16:1_22:3)	8.86E+02	8.87E+02	[M-H]-	C47H83O13P
PI(17:0_18:0)	8.52E+02	8.53E+02	[M-H]-	C44H85O13P
PI(17:0_18:1)	8.50E+02	8.51E+02	[M-H]-	C44H83O13P
PI(17:0_18:2)	8.48E+02	8.49E+02	[M-H]-	C44H81O13P
PI(17:0_20:4)	8.72E+02	8.73E+02	[M-H]-	C46H81O13P
PI(18:0_13:1)	7.93E+02	7.94E+02	[M-H]-	C40H75O13P
PI(18:0_14:1)	8.08E+02	8.09E+02	[M-H]-	C41H77O13P
PI(18:0_17:1)	8.50E+02	8.51E+02	[M-H]-	C44H83O13P

PI(18:0_18:1)	8.64E+02	8.65E+02	[M-H]-	C45H85O13P
PI(18:0_18:2)	8.62E+02	8.63E+02	[M-H]-	C45H83O13P
PI(18:0_19:0)	8.80E+02	8.81E+02	[M-H]-	C46H89O13P
PI(18:0_19:2)	8.76E+02	8.77E+02	[M-H]-	C46H85O13P
PI(18:0_20:0)	8.94E+02	8.95E+02	[M-H]-	C47H91O13P
PI(18:0_20:1)	8.92E+02	8.93E+02	[M-H]-	C47H89O13P
PI(18:0_20:3)	8.88E+02	8.89E+02	[M-H]-	C47H85O13P
PI(18:0_20:4)	8.86E+02	8.87E+02	[M-H]-	C47H83O13P
PI(18:0_20:5)	8.84E+02	8.85E+02	[M-H]-	C47H81O13P
PI(18:0_22:4)	9.14E+02	9.15E+02	[M-H]-	C49H87O13P
PI(18:0_22:5)	9.12E+02	9.13E+02	[M-H]-	C49H85O13P
PI(18:0_22:6)	9.10E+02	9.11E+02	[M-H]-	C49H83O13P
PI(18:1_18:1)	8.62E+02	8.63E+02	[M-H]-	C45H83O13P
PI(18:1_18:2)	8.60E+02	8.61E+02	[M-H]-	C45H81O13P
PI(18:1_20:4)	8.84E+02	8.85E+02	[M-H]-	C47H81O13P
PI(18:1_20:5)	8.82E+02	8.83E+02	[M-H]-	C47H79O13P
PI(18:1_22:6)	9.08E+02	9.09E+02	[M-H]-	C49H81O13P
PI(18:2_16:0)	8.34E+02	8.35E+02	[M-H]-	C43H79O13P
PI(18:2_16:1)	8.32E+02	8.35E+02	[M-H]-	C43H79O13P
PI(18:2_18:2)	8.58E+02	8.59E+02	[M-H]-	C45H79O13P
PI(18:2_18:3)	8.56E+02	8.57E+02	[M-H]-	C45H77O13P
PI(18:2_20:4)	8.82E+02	8.83E+02	[M-H]-	C47H79O13P
PI(19:0_16:1)	8.50E+02	8.51E+02	[M-H]-	C44H83O13P
PI(19:0_17:2)	8.62E+02	8.63E+02	[M-H]-	C45H83O13P
PI(19:0_18:1)	8.78E+02	8.79E+02	[M-H]-	C46H87O13P
PI(20:3_18:0)	8.88E+02	8.89E+02	[M-H]-	C47H85O13P
PI(20:3_18:1)	8.86E+02	8.87E+02	[M-H]-	C47H83O13P
PI(20:4_16:1)	8.56E+02	8.57E+02	[M-H]-	C45H77O13P
PI(20:4_18:1)	8.84E+02	8.85E+02	[M-H]-	C47H81O13P
PI(20:4_20:1)	9.12E+02	9.13E+02	[M-H]-	C49H85O13P
PI(20:4_20:4)	9.06E+02	9.07E+02	[M-H]-	C49H79O13P
PI(21:1_20:4)	9.26E+02	9.27E+02	[M-H]-	C50H87O13P
PMeOH(16:0_18:1)	6.87E+02	6.89E+02	[M-H]-	C38H73O8P
PMeOH(18:0_18:1)	7.16E+02	7.17E+02	[M-H]-	C40H77O8P
PMeOH(18:0_22:4)	7.66E+02	7.67E+02	[M-H]-	C44H79O8P
PMeOH(18:1_18:1)	7.14E+02	7.15E+02	[M-H]-	C40H75O8P
PMeOH(22:5_22:6)	8.07E+02	8.09E+02	[M-H]-	C48H73O8P
PS(12:0_13:0)	6.36E+02	6.37E+02	[M-H]-	C31H60NO10P
PS(12:0_15:0)	6.64E+02	6.65E+02	[M-H]-	C33H64NO10P
PS(12:0_16:0)	6.78E+02	6.79E+02	[M-H]-	C34H66NO10P
PS(13:0_17:2)	7.02E+02	7.03E+02	[M-H]-	C36H66NO10P
PS(14:0_18:0)	7.34E+02	7.36E+02	[M-H]-	C38H74NO10P
PS(14:0_19:0)	7.49E+02	7.50E+02	[M-H]-	C39H76NO10P
PS(14:0_21:0)	7.77E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(15:0_16:0)	7.20E+02	7.21E+02	[M-H]-	C37H72NO10P
PS(15:0_18:0)	7.49E+02	7.50E+02	[M-H]-	C39H76NO10P
PS(15:0_18:2)	7.44E+02	7.50E+02	[M-H]-	C39H76NO10P
PS(15:0_19:0)	7.63E+02	7.64E+02	[M-H]-	C40H78NO10P
PS(15:0_20:4)	7.68E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(15:0_21:0)	7.91E+02	7.92E+02	[M-H]-	C42H82NO10P
PS(15:0_22:6)	7.92E+02	7.93E+02	[M-H]-	C43H72NO10P
PS(15:1_20:1)	7.73E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(15:1_22:5)	7.92E+02	7.93E+02	[M-H]-	C43H72NO10P
PS(16:0_17:0)	7.49E+02	7.50E+02	[M-H]-	C39H76NO10P

PS(16:0_18:1)	7.61E+02	7.62E+02	[M-H]-	C40H76NO10P
PS(16:0_19:0)	7.77E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(16:0_20:1)	7.89E+02	7.90E+02	[M-H]-	C42H80NO10P
PS(16:0_20:4)	7.82E+02	7.84E+02	[M-H]-	C42H74NO10P
PS(16:0_20:5)	7.80E+02	7.81E+02	[M-H]-	C42H72NO10P
PS(16:0_21:1)	8.03E+02	8.04E+02	[M-H]-	C43H82NO10P
PS(16:0_22:6)	8.06E+02	8.08E+02	[M-H]-	C44H74NO10P
PS(16:1_22:6)	8.04E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(17:0_18:0)	7.77E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(17:0_18:1)	7.75E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(17:0_21:0)	8.19E+02	7.91E+02	[M-H]-	C43H70NO10P
PS(17:0_21:1)	8.17E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(17:1_18:1)	7.73E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(17:1_22:6)	8.18E+02	8.30E+02	[M-H]-	C45H84NO10P
PS(17:2_18:2)	7.68E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(18:0_15:1)	7.46E+02	7.50E+02	[M-H]-	C39H76NO10P
PS(18:0_16:1)	7.61E+02	7.62E+02	[M-H]-	C40H76NO10P
PS(18:0_17:1)	7.75E+02	7.76E+02	[M-H]-	C41H78NO10P
PS(18:0_18:0)	7.91E+02	7.92E+02	[M-H]-	C42H82NO10P
PS(18:0_18:1)	7.89E+02	7.90E+02	[M-H]-	C42H80NO10P
PS(18:0_18:2)	7.87E+02	7.88E+02	[M-H]-	C42H78NO10P
PS(18:0_19:2)	8.01E+02	8.02E+02	[M-H]-	C43H80NO10P
PS(18:0_20:0)	8.19E+02	7.91E+02	[M-H]-	C43H70NO10P
PS(18:0_20:1)	8.17E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:0_20:2)	8.15E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:0_20:3)	8.13E+02	8.14E+02	[M-H]-	C44H80NO10P
PS(18:0_20:4)	8.11E+02	8.12E+02	[M-H]-	C44H78NO10P
PS(18:0_20:5)	8.09E+02	8.10E+02	[M-H]-	C44H76NO10P
PS(18:0_22:6)	8.35E+02	8.36E+02	[M-H]-	C46H78NO10P
PS(18:1_18:1)	7.87E+02	7.88E+02	[M-H]-	C42H78NO10P
PS(18:1_19:1)	8.01E+02	8.02E+02	[M-H]-	C43H80NO10P
PS(18:1_20:0)	8.17E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:1_20:1)	8.15E+02	8.16E+02	[M-H]-	C44H82NO10P
PS(18:1_20:3)	8.11E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:1_20:4)	8.09E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:1_22:1)	8.43E+02	8.44E+02	[M-H]-	C46H86NO10P
PS(18:1_22:4)	8.37E+02	8.25E+02	[M-H]-	C46H68NO10P
PS(18:1_22:5)	8.35E+02	8.25E+02	[M-H]-	C46H68NO10P
PS(18:1_22:6)	8.33E+02	8.34E+02	[M-H]-	C46H76NO10P
PS(18:1_24:4)	8.65E+02	8.66E+02	[M-H]-	C48H84NO10P
PS(18:2_18:2)	7.82E+02	7.86E+02	[M-H]-	C42H76NO10P
PS(18:2_18:3)	7.80E+02	7.86E+02	[M-H]-	C42H76NO10P
PS(18:2_20:3)	8.09E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:2_20:4)	8.06E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:2_20:5)	8.04E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(18:2_22:6)	8.30E+02	8.25E+02	[M-H]-	C46H68NO10P
PS(18:3_20:4)	8.04E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(19:0_16:1)	7.75E+02	7.78E+02	[M-H]-	C41H80NO10P
PS(19:0_18:1)	8.03E+02	8.04E+02	[M-H]-	C43H82NO10P
PS(19:0_18:2)	8.01E+02	8.02E+02	[M-H]-	C43H80NO10P
PS(19:0_18:3)	7.99E+02	8.00E+02	[M-H]-	C43H78NO10P
PS(19:0_20:4)	8.25E+02	8.26E+02	[M-H]-	C45H80NO10P
PS(19:0_20:5)	8.23E+02	8.24E+02	[M-H]-	C45H78NO10P
PS(19:1_18:2)	7.99E+02	8.00E+02	[M-H]-	C43H78NO10P

PS(19:1_20:4)	8.23E+02	8.24E+02	[M-H]-	C45H78NO10P
PS(20:0_20:4)	8.39E+02	8.40E+02	[M-H]-	C46H82NO10P
PS(20:2_22:4)	8.63E+02	8.64E+02	[M-H]-	C48H82NO10P
PS(20:3_20:3)	8.35E+02	8.25E+02	[M-H]-	C46H68NO10P
PS(20:3_20:4)	8.33E+02	8.25E+02	[M-H]-	C46H68NO10P
PS(20:3_20:5)	8.30E+02	8.25E+02	[M-H]-	C46H68NO10P
PS(20:3_22:6)	8.57E+02	8.64E+02	[M-H]-	C48H82NO10P
PS(20:4_20:4)	8.30E+02	8.25E+02	[M-H]-	C46H68NO10P
PS(21:0_17:1)	8.17E+02	8.18E+02	[M-H]-	C44H84NO10P
PS(21:0_18:2)	8.29E+02	8.30E+02	[M-H]-	C45H84NO10P
PS(21:0_18:3)	8.27E+02	8.28E+02	[M-H]-	C45H82NO10P
PS(21:0_20:4)	8.53E+02	8.54E+02	[M-H]-	C47H84NO10P
PS(21:0_20:5)	8.51E+02	8.52E+02	[M-H]-	C47H82NO10P
PS(21:0_22:6)	8.77E+02	8.90E+02	[M-H]-	C49H96NO10P
PS(21:2_20:4)	8.49E+02	8.50E+02	[M-H]-	C47H80NO10P
PS(22:4_18:0)	8.39E+02	8.40E+02	[M-H]-	C46H82NO10P
SE(28:1_18:1)	6.83E+02	6.65E+02	[M+NH4]+	C46H80O2
SE(28:1_18:2)	6.81E+02	6.63E+02	[M+NH4]+	C46H78O2
SE(28:1_22:6)	7.29E+02	7.11E+02	[M+NH4]+	C50H78O2
SHexCer(d18:1/16:0(OH))	7.97E+02	7.96E+02	[M+H]+	C40H77NO12S
SHexCer(d18:1/16:0)	7.81E+02	7.80E+02	[M+H]+	C40H77NO11S
SM(d18:0/14:0)	6.78E+02	6.77E+02	[M+H]+	C37H77N2O6P
SM(d18:0/16:0)	7.06E+02	7.05E+02	[M+H]+	C39H81N2O6P
SM(d18:0/18:0)	7.34E+02	7.33E+02	[M+H]+	C41H85N2O6P
SM(d18:0/20:0)	7.62E+02	7.61E+02	[M+H]+	C43H89N2O6P
SM(d18:0/22:0)	7.90E+02	7.89E+02	[M+H]+	C45H93N2O6P
SM(d18:1/12:0)	6.48E+02	6.47E+02	[M+H]+	C35H71N2O6P
SM(d18:1/14:0)	6.76E+02	6.75E+02	[M+H]+	C37H75N2O6P
SM(d18:1/15:0)	6.90E+02	6.89E+02	[M+H]+	C38H77N2O6P
SM(d18:1/16:0)	7.04E+02	7.03E+02	[M+H]+	C39H79N2O6P
SM(d18:1/16:1)	7.02E+02	7.01E+02	[M+H]+	C39H77N2O6P
SM(d18:1/17:0)	7.18E+02	7.17E+02	[M+H]+	C40H81N2O6P
SM(d18:1/17:1)	7.16E+02	7.15E+02	[M+H]+	C40H79N2O6P
SM(d18:1/18:0)	7.32E+02	7.31E+02	[M+H]+	C41H83N2O6P
SM(d18:1/18:1)	7.30E+02	7.29E+02	[M+H]+	C41H81N2O6P
SM(d18:1/19:0)	7.46E+02	7.45E+02	[M+H]+	C42H85N2O6P
SM(d18:1/19:1)	7.42E+02	7.41E+02	[M+H]+	C42H81N2O6P
SM(d18:1/20:0)	7.60E+02	7.59E+02	[M+H]+	C43H87N2O6P
SM(d18:1/20:1)	7.58E+02	7.57E+02	[M+H]+	C43H85N2O6P
SM(d18:1/21:0)	7.74E+02	7.73E+02	[M+H]+	C44H89N2O6P
SM(d18:1/21:1)	7.72E+02	7.71E+02	[M+H]+	C44H87N2O6P
SM(d18:1/22:0)	7.88E+02	7.87E+02	[M+H]+	C45H91N2O6P
SM(d18:1/22:1)	7.86E+02	7.85E+02	[M+H]+	C45H89N2O6P
SM(d18:1/23:0)	8.02E+02	8.01E+02	[M+H]+	C46H93N2O6P
SM(d18:1/23:1)	8.00E+02	7.99E+02	[M+H]+	C46H91N2O6P
SM(d18:1/24:0)	8.16E+02	8.15E+02	[M+H]+	C47H95N2O6P
SM(d18:1/24:1)	8.14E+02	8.13E+02	[M+H]+	C47H93N2O6P
SM(d18:1/25:0)	8.30E+02	8.29E+02	[M+H]+	C48H97N2O6P
SM(d18:1/25:1)	8.28E+02	8.27E+02	[M+H]+	C48H95N2O6P
SM(d18:1/26:0)	8.44E+02	8.43E+02	[M+H]+	C49H99N2O6P
SM(d18:1/26:1)	8.42E+02	8.41E+02	[M+H]+	C49H97N2O6P
SM(d18:2/14:0)	6.74E+02	6.73E+02	[M+H]+	C37H73N2O6P
SM(d18:2/18:1)	7.28E+02	7.27E+02	[M+H]+	C41H79N2O6P
SM(d18:2/20:1)	7.56E+02	7.55E+02	[M+H]+	C43H83N2O6P

SM(d18:2/22:1)	7.84E+02	7.83E+02	[M+H] ⁺	C45H87N2O6P
SM(d18:2/23:1)	7.98E+02	7.97E+02	[M+H] ⁺	C46H89N2O6P
SM(d18:2/24:1)	8.12E+02	8.11E+02	[M+H] ⁺	C47H91N2O6P
SM(d18:2/24:2)	8.10E+02	8.09E+02	[M+H] ⁺	C47H89N2O6P
SM(d18:2/24:3)	8.08E+02	8.07E+02	[M+H] ⁺	C47H87N2O6P
SM(d18:2/25:1)	8.26E+02	8.25E+02	[M+H] ⁺	C48H93N2O6P
SM(d18:2/26:1)	8.40E+02	8.39E+02	[M+H] ⁺	C49H95N2O6P
SM(d20:0/24:1)	8.44E+02	8.43E+02	[M+H] ⁺	C49H99N2O6P
SPH(d16:1)	2.72E+02	2.71E+02	[M+H] ⁺	C16H33NO2
SPH(d17:1)	2.86E+02	2.85E+02	[M+H] ⁺	C17H35NO2
SPH(d18:0)	3.02E+02	3.01E+02	[M+H] ⁺	C18H39NO2
SPH(d18:1)	3.00E+02	2.99E+02	[M+H] ⁺	C18H37NO2
SPH(d18:2)	2.98E+02	2.97E+02	[M+H] ⁺	C18H35NO2
TG(10:0_12:0_14:0)	6.57E+02	6.39E+02	[M+NH4] ⁺	C39H74O6
TG(10:0_14:0_16:0)	7.13E+02	6.95E+02	[M+NH4] ⁺	C43H82O6
TG(10:0_15:0_16:0)	7.27E+02	7.09E+02	[M+NH4] ⁺	C44H84O6
TG(10:0_16:0_12:0)	6.85E+02	6.67E+02	[M+NH4] ⁺	C41H78O6
TG(10:0_16:0_16:1)	7.39E+02	7.21E+02	[M+NH4] ⁺	C45H84O6
TG(10:0_16:0_18:1)	7.67E+02	7.49E+02	[M+NH4] ⁺	C47H88O6
TG(10:0_16:0_18:2)	7.65E+02	7.47E+02	[M+NH4] ⁺	C47H86O6
TG(10:0_16:0_18:3)	7.63E+02	7.45E+02	[M+NH4] ⁺	C47H84O6
TG(10:0_16:2_18:2)	7.61E+02	7.43E+02	[M+NH4] ⁺	C47H82O6
TG(10:0_18:1_18:2)	7.91E+02	7.73E+02	[M+NH4] ⁺	C49H88O6
TG(12:0_14:0_16:0)	7.41E+02	7.23E+02	[M+NH4] ⁺	C45H86O6
TG(12:0_14:0_16:1)	7.39E+02	7.21E+02	[M+NH4] ⁺	C45H84O6
TG(12:0_14:0_18:1)	7.67E+02	7.49E+02	[M+NH4] ⁺	C47H88O6
TG(12:0_14:0_18:2)	7.65E+02	7.47E+02	[M+NH4] ⁺	C47H86O6
TG(12:0_15:0_16:0)	7.55E+02	7.37E+02	[M+NH4] ⁺	C46H88O6
TG(12:0_15:0_18:1)	7.81E+02	7.63E+02	[M+NH4] ⁺	C48H90O6
TG(12:0_16:0_16:0)	7.69E+02	7.51E+02	[M+NH4] ⁺	C47H90O6
TG(12:0_16:0_16:1)	7.67E+02	7.49E+02	[M+NH4] ⁺	C47H88O6
TG(12:0_16:0_18:1)	7.95E+02	7.77E+02	[M+NH4] ⁺	C49H92O6
TG(12:0_16:0_18:2)	7.93E+02	7.75E+02	[M+NH4] ⁺	C49H90O6
TG(12:0_16:0_22:5)	8.43E+02	8.25E+02	[M+NH4] ⁺	C53H92O6
TG(12:0_16:0_22:6)	8.41E+02	8.23E+02	[M+NH4] ⁺	C53H90O6
TG(12:0_16:1_18:2)	7.91E+02	7.73E+02	[M+NH4] ⁺	C49H88O6
TG(12:0_18:1_18:3)	8.17E+02	7.99E+02	[M+NH4] ⁺	C51H90O6
TG(12:0_18:1_22:6)	8.67E+02	8.49E+02	[M+NH4] ⁺	C55H92O6
TG(12:0_18:2_18:2)	8.17E+02	7.99E+02	[M+NH4] ⁺	C51H90O6
TG(12:0_18:2_18:3)	8.15E+02	7.97E+02	[M+NH4] ⁺	C51H88O6
TG(13:0_14:0_16:0)	7.55E+02	7.37E+02	[M+NH4] ⁺	C46H88O6
TG(13:0_16:0_22:6)	8.55E+02	8.37E+02	[M+NH4] ⁺	C54H92O6
TG(13:0_18:1_18:2)	8.33E+02	8.15E+02	[M+NH4] ⁺	C52H94O6
TG(13:0_18:1_22:6)	8.81E+02	8.63E+02	[M+NH4] ⁺	C56H94O6
TG(13:0_20:2_20:5)	8.81E+02	8.63E+02	[M+NH4] ⁺	C56H94O6
TG(14:0_14:0_16:0)	7.69E+02	7.51E+02	[M+NH4] ⁺	C47H90O6
TG(14:0_14:0_16:1)	7.67E+02	7.49E+02	[M+NH4] ⁺	C47H88O6
TG(14:0_14:1_16:1)	7.65E+02	7.47E+02	[M+NH4] ⁺	C47H86O6
TG(14:0_14:1_18:1)	7.93E+02	7.75E+02	[M+NH4] ⁺	C49H90O6
TG(14:0_15:0_16:0)	7.83E+02	7.65E+02	[M+NH4] ⁺	C48H92O6
TG(14:0_15:0_16:1)	7.81E+02	7.63E+02	[M+NH4] ⁺	C48H90O6
TG(14:0_15:0_17:0)	7.97E+02	7.79E+02	[M+NH4] ⁺	C49H94O6
TG(14:0_15:0_18:1)	8.09E+02	7.91E+02	[M+NH4] ⁺	C50H94O6
TG(14:0_15:0_18:2)	8.07E+02	7.89E+02	[M+NH4] ⁺	C50H92O6

TG(14:0_16:0_16:0)	7.97E+02	7.79E+02	[M+NH4]+	C49H94O6
TG(14:0_16:0_16:1)	7.95E+02	7.77E+02	[M+NH4]+	C49H92O6
TG(14:0_16:0_18:0)	8.25E+02	8.07E+02	[M+NH4]+	C51H98O6
TG(14:0_16:0_18:1)	8.23E+02	8.05E+02	[M+NH4]+	C51H96O6
TG(14:0_16:0_18:2)	8.21E+02	8.03E+02	[M+NH4]+	C51H94O6
TG(14:0_16:0_20:4)	8.45E+02	8.27E+02	[M+NH4]+	C53H94O6
TG(14:0_16:0_22:5)	8.71E+02	8.53E+02	[M+NH4]+	C55H96O6
TG(14:0_16:1_17:1)	8.07E+02	7.89E+02	[M+NH4]+	C50H92O6
TG(14:0_16:1_18:1)	8.21E+02	8.03E+02	[M+NH4]+	C51H94O6
TG(14:0_16:1_18:2)	8.19E+02	8.01E+02	[M+NH4]+	C51H92O6
TG(14:0_16:1_18:3)	8.17E+02	7.99E+02	[M+NH4]+	C51H90O6
TG(14:0_16:1_20:4)	8.43E+02	8.25E+02	[M+NH4]+	C53H92O6
TG(14:0_16:1_20:5)	8.41E+02	8.23E+02	[M+NH4]+	C53H90O6
TG(14:0_17:1_18:2)	8.33E+02	8.15E+02	[M+NH4]+	C52H94O6
TG(14:0_17:2_18:2)	8.31E+02	8.13E+02	[M+NH4]+	C52H92O6
TG(14:0_18:0_18:1)	8.51E+02	8.33E+02	[M+NH4]+	C53H100O6
TG(14:0_18:0_18:2)	8.49E+02	8.31E+02	[M+NH4]+	C53H98O6
TG(14:0_18:0_20:0)	8.81E+02	8.63E+02	[M+NH4]+	C55H106O6
TG(14:0_18:0_20:2)	8.77E+02	8.59E+02	[M+NH4]+	C55H102O6
TG(14:0_18:1_20:2)	8.75E+02	8.57E+02	[M+NH4]+	C55H100O6
TG(14:0_18:2_18:2)	8.45E+02	8.27E+02	[M+NH4]+	C53H94O6
TG(14:0_18:2_18:3)	8.43E+02	8.25E+02	[M+NH4]+	C53H92O6
TG(14:0_18:2_18:4)	8.41E+02	8.23E+02	[M+NH4]+	C53H90O6
TG(14:0_18:3_20:4)	8.67E+02	8.49E+02	[M+NH4]+	C55H92O6
TG(14:0_20:2_22:6)	9.21E+02	9.03E+02	[M+NH4]+	C59H98O6
TG(14:0_20:4_22:6)	9.17E+02	8.99E+02	[M+NH4]+	C59H94O6
TG(14:0_20:5_22:6)	9.15E+02	8.97E+02	[M+NH4]+	C59H92O6
TG(14:0_22:6_22:6)	9.41E+02	9.23E+02	[M+NH4]+	C61H94O6
TG(14:1_16:0_16:1)	7.93E+02	7.75E+02	[M+NH4]+	C49H90O6
TG(14:1_16:1_16:1)	7.91E+02	7.73E+02	[M+NH4]+	C49H88O6
TG(14:1_16:1_18:1)	8.19E+02	8.01E+02	[M+NH4]+	C51H92O6
TG(14:1_16:1_18:2)	8.17E+02	7.99E+02	[M+NH4]+	C51H90O6
TG(14:1_16:1_22:6)	8.65E+02	8.47E+02	[M+NH4]+	C55H90O6
TG(14:1_18:2_18:2)	8.43E+02	8.25E+02	[M+NH4]+	C53H92O6
TG(14:1_18:2_18:3)	8.41E+02	8.23E+02	[M+NH4]+	C53H90O6
TG(14:1_18:2_20:4)	8.67E+02	8.49E+02	[M+NH4]+	C55H92O6
TG(15:0_16:0_16:0)	8.11E+02	7.93E+02	[M+NH4]+	C50H96O6
TG(15:0_16:0_16:1)	8.09E+02	7.91E+02	[M+NH4]+	C50H94O6
TG(15:0_16:0_18:0)	8.39E+02	8.21E+02	[M+NH4]+	C52H100O6
TG(15:0_16:0_18:1)	8.37E+02	8.19E+02	[M+NH4]+	C52H98O6
TG(15:0_16:0_18:2)	8.35E+02	8.17E+02	[M+NH4]+	C52H96O6
TG(15:0_16:0_24:0)	9.23E+02	9.05E+02	[M+NH4]+	C58H112O6
TG(15:0_16:1_16:1)	8.07E+02	7.89E+02	[M+NH4]+	C50H92O6
TG(15:0_16:1_18:1)	8.35E+02	8.17E+02	[M+NH4]+	C52H96O6
TG(15:0_16:1_18:2)	8.33E+02	8.15E+02	[M+NH4]+	C52H94O6
TG(15:0_16:1_20:4)	8.57E+02	8.39E+02	[M+NH4]+	C54H94O6
TG(15:0_16:1_22:6)	8.81E+02	8.63E+02	[M+NH4]+	C56H94O6
TG(15:0_17:0_19:2)	8.63E+02	8.45E+02	[M+NH4]+	C54H100O6
TG(15:0_18:0_18:1)	8.65E+02	8.47E+02	[M+NH4]+	C54H102O6
TG(15:0_18:1_18:2)	8.61E+02	8.43E+02	[M+NH4]+	C54H98O6
TG(15:0_18:1_20:4)	8.85E+02	8.67E+02	[M+NH4]+	C56H98O6
TG(15:0_18:1_20:5)	8.83E+02	8.65E+02	[M+NH4]+	C56H96O6
TG(15:0_18:1_22:1)	9.19E+02	9.01E+02	[M+NH4]+	C58H108O6
TG(15:0_18:1_22:6)	9.09E+02	8.91E+02	[M+NH4]+	C58H98O6

TG(15:0_18:2_18:2)	8.59E+02	8.41E+02	[M+NH4] ⁺	C54H96O6
TG(15:0_18:2_18:3)	8.57E+02	8.39E+02	[M+NH4] ⁺	C54H94O6
TG(15:0_18:2_22:5)	9.09E+02	8.91E+02	[M+NH4] ⁺	C58H98O6
TG(15:0_19:2_19:2)	8.87E+02	8.69E+02	[M+NH4] ⁺	C56H100O6
TG(15:1_15:1_19:2)	8.31E+02	8.13E+02	[M+NH4] ⁺	C52H92O6
TG(15:1_17:1_17:1)	8.33E+02	8.15E+02	[M+NH4] ⁺	C52H94O6
TG(15:1_18:1_18:2)	8.59E+02	8.41E+02	[M+NH4] ⁺	C54H96O6
TG(15:1_18:2_22:6)	9.05E+02	8.87E+02	[M+NH4] ⁺	C58H94O6
TG(16:0_14:1_18:2)	8.19E+02	8.01E+02	[M+NH4] ⁺	C51H92O6
TG(16:0_15:1_18:2)	8.33E+02	8.15E+02	[M+NH4] ⁺	C52H94O6
TG(16:0_16:0_16:0)	8.25E+02	8.07E+02	[M+NH4] ⁺	C51H98O6
TG(16:0_16:0_16:1)	8.23E+02	8.05E+02	[M+NH4] ⁺	C51H96O6
TG(16:0_16:0_17:0)	8.39E+02	8.21E+02	[M+NH4] ⁺	C52H100O6
TG(16:0_16:0_18:0)	8.53E+02	8.35E+02	[M+NH4] ⁺	C53H102O6
TG(16:0_16:0_18:1)	8.51E+02	8.33E+02	[M+NH4] ⁺	C53H100O6
TG(16:0_16:0_20:2)	8.77E+02	8.59E+02	[M+NH4] ⁺	C55H102O6
TG(16:0_16:0_20:4)	8.73E+02	8.55E+02	[M+NH4] ⁺	C55H98O6
TG(16:0_16:0_22:6)	8.97E+02	8.79E+02	[M+NH4] ⁺	C57H98O6
TG(16:0_16:0_24:0)	9.37E+02	9.19E+02	[M+NH4] ⁺	C59H114O6
TG(16:0_16:1_16:1)	8.21E+02	8.03E+02	[M+NH4] ⁺	C51H94O6
TG(16:0_16:1_17:1)	8.35E+02	8.17E+02	[M+NH4] ⁺	C52H96O6
TG(16:0_16:1_18:1)	8.49E+02	8.31E+02	[M+NH4] ⁺	C53H98O6
TG(16:0_16:1_18:2)	8.47E+02	8.29E+02	[M+NH4] ⁺	C53H96O6
TG(16:0_16:1_18:3)	8.45E+02	8.27E+02	[M+NH4] ⁺	C53H94O6
TG(16:0_16:1_18:4)	8.43E+02	8.25E+02	[M+NH4] ⁺	C53H92O6
TG(16:0_16:1_20:0)	8.79E+02	8.61E+02	[M+NH4] ⁺	C55H104O6
TG(16:0_16:1_20:1)	8.77E+02	8.59E+02	[M+NH4] ⁺	C55H102O6
TG(16:0_16:1_20:4)	8.71E+02	8.53E+02	[M+NH4] ⁺	C55H96O6
TG(16:0_16:1_20:5)	8.69E+02	8.51E+02	[M+NH4] ⁺	C55H94O6
TG(16:0_16:1_22:1)	9.05E+02	8.87E+02	[M+NH4] ⁺	C57H106O6
TG(16:0_16:1_22:5)	8.97E+02	8.79E+02	[M+NH4] ⁺	C57H98O6
TG(16:0_16:1_22:6)	8.95E+02	8.77E+02	[M+NH4] ⁺	C57H96O6
TG(16:0_16:2_18:3)	8.43E+02	8.25E+02	[M+NH4] ⁺	C53H92O6
TG(16:0_17:0_18:0)	8.67E+02	8.49E+02	[M+NH4] ⁺	C54H104O6
TG(16:0_17:0_18:1)	8.65E+02	8.47E+02	[M+NH4] ⁺	C54H102O6
TG(16:0_17:0_22:5)	9.13E+02	8.95E+02	[M+NH4] ⁺	C58H102O6
TG(16:0_17:0_22:6)	9.11E+02	8.93E+02	[M+NH4] ⁺	C58H100O6
TG(16:0_17:1_18:1)	8.63E+02	8.45E+02	[M+NH4] ⁺	C54H100O6
TG(16:0_17:1_18:2)	8.61E+02	8.43E+02	[M+NH4] ⁺	C54H98O6
TG(16:0_17:1_20:4)	8.85E+02	8.67E+02	[M+NH4] ⁺	C56H98O6
TG(16:0_17:1_22:6)	9.09E+02	8.91E+02	[M+NH4] ⁺	C58H98O6
TG(16:0_17:2_20:4)	8.83E+02	8.65E+02	[M+NH4] ⁺	C56H96O6
TG(16:0_18:0_18:0)	8.81E+02	8.63E+02	[M+NH4] ⁺	C55H106O6
TG(16:0_18:0_18:1)	8.79E+02	8.61E+02	[M+NH4] ⁺	C55H104O6
TG(16:0_18:0_18:2)	8.77E+02	8.59E+02	[M+NH4] ⁺	C55H102O6
TG(16:0_18:0_20:0)	9.09E+02	8.91E+02	[M+NH4] ⁺	C57H110O6
TG(16:0_18:0_20:1)	9.07E+02	8.89E+02	[M+NH4] ⁺	C57H108O6
TG(16:0_18:0_20:4)	9.01E+02	8.83E+02	[M+NH4] ⁺	C57H102O6
TG(16:0_18:0_22:0)	9.37E+02	9.19E+02	[M+NH4] ⁺	C59H114O6
TG(16:0_18:0_22:6)	9.25E+02	9.07E+02	[M+NH4] ⁺	C59H102O6
TG(16:0_18:1_18:1)	8.77E+02	8.59E+02	[M+NH4] ⁺	C55H102O6
TG(16:0_18:1_18:2)	8.75E+02	8.57E+02	[M+NH4] ⁺	C55H100O6
TG(16:0_18:1_19:1)	8.91E+02	8.73E+02	[M+NH4] ⁺	C56H104O6
TG(16:0_18:1_20:1)	9.05E+02	8.87E+02	[M+NH4] ⁺	C57H106O6

TG(16:0_18:1_20:2)	9.03E+02	8.85E+02	[M+NH4]+	C57H104O6
TG(16:0_18:1_20:4)	8.99E+02	8.81E+02	[M+NH4]+	C57H100O6
TG(16:0_18:1_22:0)	9.35E+02	9.17E+02	[M+NH4]+	C59H112O6
TG(16:0_18:1_22:1)	9.33E+02	9.15E+02	[M+NH4]+	C59H110O6
TG(16:0_18:1_22:3)	9.29E+02	9.11E+02	[M+NH4]+	C59H106O6
TG(16:0_18:1_22:4)	9.27E+02	9.09E+02	[M+NH4]+	C59H104O6
TG(16:0_18:1_22:5)	9.25E+02	9.07E+02	[M+NH4]+	C59H102O6
TG(16:0_18:1_22:6)	9.23E+02	9.05E+02	[M+NH4]+	C59H100O6
TG(16:0_18:1_24:1)	9.61E+02	9.43E+02	[M+NH4]+	C61H114O6
TG(16:0_18:1_24:4)	9.55E+02	9.37E+02	[M+NH4]+	C61H108O6
TG(16:0_18:2_16:4)	8.41E+02	8.23E+02	[M+NH4]+	C53H90O6
TG(16:0_18:2_18:2)	8.73E+02	8.55E+02	[M+NH4]+	C55H98O6
TG(16:0_18:2_18:3)	8.71E+02	8.53E+02	[M+NH4]+	C55H96O6
TG(16:0_18:2_18:4)	8.69E+02	8.51E+02	[M+NH4]+	C55H94O6
TG(16:0_18:2_20:4)	8.97E+02	8.79E+02	[M+NH4]+	C57H98O6
TG(16:0_18:2_20:5)	8.95E+02	8.77E+02	[M+NH4]+	C57H96O6
TG(16:0_18:2_22:6)	9.21E+02	9.03E+02	[M+NH4]+	C59H98O6
TG(16:0_18:5_20:5)	8.89E+02	8.71E+02	[M+NH4]+	C57H90O6
TG(16:0_19:1_20:2)	9.17E+02	8.99E+02	[M+NH4]+	C58H106O6
TG(16:0_19:2_20:4)	9.11E+02	8.93E+02	[M+NH4]+	C58H100O6
TG(16:0_20:0_18:1)	9.07E+02	8.89E+02	[M+NH4]+	C57H108O6
TG(16:0_20:0_22:6)	9.53E+02	9.35E+02	[M+NH4]+	C61H106O6
TG(16:0_20:1_18:2)	9.03E+02	8.85E+02	[M+NH4]+	C57H104O6
TG(16:0_20:2_22:5)	9.51E+02	9.33E+02	[M+NH4]+	C61H104O6
TG(16:0_20:2_22:6)	9.49E+02	9.31E+02	[M+NH4]+	C61H102O6
TG(16:0_20:3_24:5)	9.77E+02	9.59E+02	[M+NH4]+	C63H106O6
TG(16:0_20:4_22:5)	9.47E+02	9.29E+02	[M+NH4]+	C61H100O6
TG(16:0_20:4_22:6)	9.45E+02	9.27E+02	[M+NH4]+	C61H98O6
TG(16:0_20:4_24:6)	9.73E+02	9.55E+02	[M+NH4]+	C63H102O6
TG(16:0_22:1_18:2)	9.31E+02	9.13E+02	[M+NH4]+	C59H108O6
TG(16:0_22:5_22:6)	9.71E+02	9.53E+02	[M+NH4]+	C63H100O6
TG(16:0_22:6_22:6)	9.69E+02	9.51E+02	[M+NH4]+	C63H98O6
TG(16:0_24:0_18:1)	9.63E+02	9.45E+02	[M+NH4]+	C61H116O6
TG(16:1_16:1_16:2)	8.17E+02	7.99E+02	[M+NH4]+	C51H90O6
TG(16:1_16:1_17:1)	8.33E+02	8.15E+02	[M+NH4]+	C52H94O6
TG(16:1_16:1_18:1)	8.47E+02	8.29E+02	[M+NH4]+	C53H96O6
TG(16:1_16:1_18:2)	8.45E+02	8.27E+02	[M+NH4]+	C53H94O6
TG(16:1_16:1_18:3)	8.43E+02	8.25E+02	[M+NH4]+	C53H92O6
TG(16:1_16:1_20:5)	8.67E+02	8.49E+02	[M+NH4]+	C55H92O6
TG(16:1_16:1_22:6)	8.93E+02	8.75E+02	[M+NH4]+	C57H94O6
TG(16:1_16:1_24:5)	9.23E+02	9.05E+02	[M+NH4]+	C59H100O6
TG(16:1_16:1_24:6)	9.21E+02	9.03E+02	[M+NH4]+	C59H98O6
TG(16:1_16:2_18:2)	8.43E+02	8.25E+02	[M+NH4]+	C53H92O6
TG(16:1_16:2_22:6)	8.91E+02	8.73E+02	[M+NH4]+	C57H92O6
TG(16:1_17:1_18:1)	8.61E+02	8.43E+02	[M+NH4]+	C54H98O6
TG(16:1_17:1_18:2)	8.59E+02	8.41E+02	[M+NH4]+	C54H96O6
TG(16:1_17:1_18:3)	8.57E+02	8.39E+02	[M+NH4]+	C54H94O6
TG(16:1_17:1_22:6)	9.07E+02	8.89E+02	[M+NH4]+	C58H96O6
TG(16:1_18:0_20:1)	9.05E+02	8.87E+02	[M+NH4]+	C57H106O6
TG(16:1_18:1_16:3)	8.43E+02	8.25E+02	[M+NH4]+	C53H92O6
TG(16:1_18:1_16:4)	8.41E+02	8.23E+02	[M+NH4]+	C53H90O6
TG(16:1_18:1_18:1)	8.75E+02	8.57E+02	[M+NH4]+	C55H100O6
TG(16:1_18:1_18:2)	8.73E+02	8.55E+02	[M+NH4]+	C55H98O6
TG(16:1_18:1_18:3)	8.71E+02	8.53E+02	[M+NH4]+	C55H96O6

TG(16:1_18:1_20:3)	8.99E+02	8.81E+02	[M+NH4]+	C57H100O6
TG(16:1_18:1_20:5)	8.95E+02	8.77E+02	[M+NH4]+	C57H96O6
TG(16:1_18:1_22:1)	9.31E+02	9.13E+02	[M+NH4]+	C59H108O6
TG(16:1_18:1_22:2)	9.29E+02	9.11E+02	[M+NH4]+	C59H106O6
TG(16:1_18:1_22:6)	9.21E+02	9.03E+02	[M+NH4]+	C59H98O6
TG(16:1_18:2_18:2)	8.71E+02	8.53E+02	[M+NH4]+	C55H96O6
TG(16:1_18:2_18:3)	8.69E+02	8.51E+02	[M+NH4]+	C55H94O6
TG(16:1_18:2_22:6)	9.19E+02	9.01E+02	[M+NH4]+	C59H96O6
TG(16:1_18:3_20:4)	8.93E+02	8.75E+02	[M+NH4]+	C57H94O6
TG(16:1_20:4_20:5)	9.17E+02	8.99E+02	[M+NH4]+	C59H94O6
TG(16:2_18:2_18:3)	8.67E+02	8.49E+02	[M+NH4]+	C55H92O6
TG(17:0_17:0_19:1)	8.93E+02	8.75E+02	[M+NH4]+	C56H106O6
TG(17:0_18:0_18:0)	8.95E+02	8.77E+02	[M+NH4]+	C56H108O6
TG(17:0_18:0_18:1)	8.93E+02	8.75E+02	[M+NH4]+	C56H106O6
TG(17:0_18:1_18:1)	8.91E+02	8.73E+02	[M+NH4]+	C56H104O6
TG(17:0_18:1_18:2)	8.89E+02	8.71E+02	[M+NH4]+	C56H102O6
TG(17:0_18:1_20:1)	9.19E+02	9.01E+02	[M+NH4]+	C58H108O6
TG(17:0_18:1_20:3)	9.15E+02	8.97E+02	[M+NH4]+	C58H104O6
TG(17:0_18:1_20:4)	9.13E+02	8.95E+02	[M+NH4]+	C58H102O6
TG(17:0_18:1_22:6)	9.37E+02	9.19E+02	[M+NH4]+	C60H102O6
TG(17:0_18:2_18:3)	8.85E+02	8.67E+02	[M+NH4]+	C56H98O6
TG(17:0_18:2_22:6)	9.35E+02	9.17E+02	[M+NH4]+	C60H100O6
TG(17:0_18:3_18:3)	8.83E+02	8.65E+02	[M+NH4]+	C56H96O6
TG(17:0_19:2_19:2)	9.15E+02	8.97E+02	[M+NH4]+	C58H104O6
TG(17:1_17:1_24:6)	9.49E+02	9.31E+02	[M+NH4]+	C61H102O6
TG(17:1_18:1_18:1)	8.89E+02	8.71E+02	[M+NH4]+	C56H102O6
TG(17:1_18:1_18:2)	8.87E+02	8.69E+02	[M+NH4]+	C56H100O6
TG(17:1_18:1_20:1)	9.17E+02	8.99E+02	[M+NH4]+	C58H106O6
TG(17:1_18:1_20:2)	9.15E+02	8.97E+02	[M+NH4]+	C58H104O6
TG(17:1_18:1_20:4)	9.11E+02	8.93E+02	[M+NH4]+	C58H100O6
TG(17:1_18:2_18:2)	8.85E+02	8.67E+02	[M+NH4]+	C56H98O6
TG(17:1_18:2_18:3)	8.83E+02	8.65E+02	[M+NH4]+	C56H96O6
TG(17:1_18:2_22:6)	9.33E+02	9.15E+02	[M+NH4]+	C60H98O6
TG(17:1_19:2_19:2)	9.13E+02	8.95E+02	[M+NH4]+	C58H102O6
TG(17:2_18:2_22:6)	9.31E+02	9.13E+02	[M+NH4]+	C60H96O6
TG(18:0_16:1_20:1)	9.05E+02	8.87E+02	[M+NH4]+	C57H106O6
TG(18:0_16:1_24:6)	9.51E+02	9.33E+02	[M+NH4]+	C61H104O6
TG(18:0_16:2_20:2)	9.01E+02	8.83E+02	[M+NH4]+	C57H102O6
TG(18:0_17:1_18:1)	8.91E+02	8.73E+02	[M+NH4]+	C56H104O6
TG(18:0_18:0_18:0)	9.09E+02	8.91E+02	[M+NH4]+	C57H110O6
TG(18:0_18:0_18:1)	9.07E+02	8.89E+02	[M+NH4]+	C57H108O6
TG(18:0_18:0_22:6)	9.53E+02	9.35E+02	[M+NH4]+	C61H106O6
TG(18:0_18:1_18:1)	9.05E+02	8.87E+02	[M+NH4]+	C57H106O6
TG(18:0_18:1_18:2)	9.03E+02	8.85E+02	[M+NH4]+	C57H104O6
TG(18:0_18:1_19:1)	9.19E+02	9.01E+02	[M+NH4]+	C58H108O6
TG(18:0_18:1_20:0)	9.35E+02	9.17E+02	[M+NH4]+	C59H112O6
TG(18:0_18:1_20:1)	9.33E+02	9.15E+02	[M+NH4]+	C59H110O6
TG(18:0_18:1_20:3)	9.29E+02	9.11E+02	[M+NH4]+	C59H106O6
TG(18:0_18:1_20:4)	9.27E+02	9.09E+02	[M+NH4]+	C59H104O6
TG(18:0_18:1_22:4)	9.55E+02	9.37E+02	[M+NH4]+	C61H108O6
TG(18:0_18:1_22:5)	9.53E+02	9.35E+02	[M+NH4]+	C61H106O6
TG(18:0_18:1_22:6)	9.51E+02	9.33E+02	[M+NH4]+	C61H104O6
TG(18:0_18:2_20:0)	9.33E+02	9.15E+02	[M+NH4]+	C59H110O6
TG(18:0_18:2_20:2)	9.29E+02	9.11E+02	[M+NH4]+	C59H106O6

TG(18:0_18:2_20:4)	9.25E+02	9.07E+02	[M+NH4]+	C59H102O6
TG(18:0_18:2_22:4)	9.53E+02	9.35E+02	[M+NH4]+	C61H106O6
TG(18:0_18:2_22:6)	9.49E+02	9.31E+02	[M+NH4]+	C61H102O6
TG(18:0_18:3_20:2)	9.27E+02	9.09E+02	[M+NH4]+	C59H104O6
TG(18:0_20:0_22:0)	9.93E+02	9.75E+02	[M+NH4]+	C63H122O6
TG(18:0_20:1_22:0)	9.91E+02	9.73E+02	[M+NH4]+	C63H120O6
TG(18:0_20:2_18:3)	9.27E+02	9.09E+02	[M+NH4]+	C59H104O6
TG(18:0_20:3_22:6)	9.75E+02	9.57E+02	[M+NH4]+	C63H104O6
TG(18:0_20:4_22:5)	9.75E+02	9.57E+02	[M+NH4]+	C63H104O6
TG(18:0_20:4_22:6)	9.73E+02	9.55E+02	[M+NH4]+	C63H102O6
TG(18:0_22:0_18:2)	9.61E+02	9.43E+02	[M+NH4]+	C61H114O6
TG(18:1_16:2_20:5)	8.93E+02	8.75E+02	[M+NH4]+	C57H94O6
TG(18:1_17:2_18:2)	8.85E+02	8.67E+02	[M+NH4]+	C56H98O6
TG(18:1_17:2_19:2)	8.99E+02	8.81E+02	[M+NH4]+	C57H100O6
TG(18:1_18:1_18:1)	9.03E+02	8.85E+02	[M+NH4]+	C57H104O6
TG(18:1_18:1_18:2)	9.01E+02	8.83E+02	[M+NH4]+	C57H102O6
TG(18:1_18:1_19:1)	9.17E+02	8.99E+02	[M+NH4]+	C58H106O6
TG(18:1_18:1_20:1)	9.31E+02	9.13E+02	[M+NH4]+	C59H108O6
TG(18:1_18:1_22:1)	9.59E+02	9.41E+02	[M+NH4]+	C61H112O6
TG(18:1_18:1_22:2)	9.57E+02	9.39E+02	[M+NH4]+	C61H110O6
TG(18:1_18:1_22:4)	9.53E+02	9.35E+02	[M+NH4]+	C61H106O6
TG(18:1_18:1_22:6)	9.49E+02	9.31E+02	[M+NH4]+	C61H102O6
TG(18:1_18:1_24:4)	9.81E+02	9.63E+02	[M+NH4]+	C63H110O6
TG(18:1_18:2_18:2)	8.99E+02	8.81E+02	[M+NH4]+	C57H100O6
TG(18:1_18:2_18:3)	8.97E+02	8.79E+02	[M+NH4]+	C57H98O6
TG(18:1_18:2_18:4)	8.95E+02	8.77E+02	[M+NH4]+	C57H96O6
TG(18:1_18:2_19:2)	9.13E+02	8.95E+02	[M+NH4]+	C58H102O6
TG(18:1_18:2_20:0)	9.31E+02	9.13E+02	[M+NH4]+	C59H108O6
TG(18:1_18:2_20:1)	9.29E+02	9.11E+02	[M+NH4]+	C59H106O6
TG(18:1_18:2_20:2)	9.27E+02	9.09E+02	[M+NH4]+	C59H104O6
TG(18:1_18:2_20:4)	9.23E+02	9.05E+02	[M+NH4]+	C59H100O6
TG(18:1_18:2_22:0)	9.59E+02	9.41E+02	[M+NH4]+	C61H112O6
TG(18:1_18:2_22:2)	9.55E+02	9.37E+02	[M+NH4]+	C61H108O6
TG(18:1_18:2_22:3)	9.53E+02	9.35E+02	[M+NH4]+	C61H106O6
TG(18:1_18:2_22:4)	9.51E+02	9.33E+02	[M+NH4]+	C61H104O6
TG(18:1_18:2_22:5)	9.49E+02	9.31E+02	[M+NH4]+	C61H102O6
TG(18:1_18:2_22:6)	9.47E+02	9.29E+02	[M+NH4]+	C61H100O6
TG(18:1_18:2_24:5)	9.77E+02	9.59E+02	[M+NH4]+	C63H106O6
TG(18:1_18:3_20:5)	9.19E+02	9.01E+02	[M+NH4]+	C59H96O6
TG(18:1_18:3_22:3)	9.51E+02	9.33E+02	[M+NH4]+	C61H104O6
TG(18:1_19:1_18:3)	9.13E+02	8.95E+02	[M+NH4]+	C58H102O6
TG(18:1_19:1_22:6)	9.63E+02	9.45E+02	[M+NH4]+	C62H104O6
TG(18:1_20:1_20:1)	9.59E+02	9.41E+02	[M+NH4]+	C61H112O6
TG(18:1_20:1_20:2)	9.57E+02	9.39E+02	[M+NH4]+	C61H110O6
TG(18:1_20:1_22:1)	9.87E+02	9.69E+02	[M+NH4]+	C63H116O6
TG(18:1_20:1_22:6)	9.77E+02	9.59E+02	[M+NH4]+	C63H106O6
TG(18:1_20:2_18:3)	9.25E+02	9.07E+02	[M+NH4]+	C59H102O6
TG(18:1_20:2_22:4)	9.79E+02	9.61E+02	[M+NH4]+	C63H108O6
TG(18:1_20:3_22:4)	9.77E+02	9.59E+02	[M+NH4]+	C63H106O6
TG(18:1_20:3_22:6)	9.73E+02	9.55E+02	[M+NH4]+	C63H102O6
TG(18:1_20:4_22:5)	9.73E+02	9.55E+02	[M+NH4]+	C63H102O6
TG(18:1_20:4_22:6)	9.71E+02	9.53E+02	[M+NH4]+	C63H100O6
TG(18:1_20:5_22:5)	9.71E+02	9.53E+02	[M+NH4]+	C63H100O6
TG(18:1_22:1_18:2)	9.57E+02	9.39E+02	[M+NH4]+	C61H110O6

TG(18:1_22:5_22:6)	9.97E+02	9.79E+02	[M+NH4]+	C65H102O6
TG(18:1_24:1_18:2)	9.85E+02	9.67E+02	[M+NH4]+	C63H114O6
TG(18:2_18:2_18:3)	8.95E+02	8.77E+02	[M+NH4]+	C57H96O6
TG(18:2_18:2_20:1)	9.27E+02	9.09E+02	[M+NH4]+	C59H104O6
TG(18:2_18:2_20:2)	9.25E+02	9.07E+02	[M+NH4]+	C59H102O6
TG(18:2_18:2_22:1)	9.55E+02	9.37E+02	[M+NH4]+	C61H108O6
TG(18:2_18:2_22:4)	9.49E+02	9.31E+02	[M+NH4]+	C61H102O6
TG(18:2_18:2_22:6)	9.45E+02	9.27E+02	[M+NH4]+	C61H98O6
TG(18:2_18:2_24:5)	9.75E+02	9.57E+02	[M+NH4]+	C63H104O6
TG(18:2_18:3_18:3)	8.93E+02	8.75E+02	[M+NH4]+	C57H94O6
TG(18:2_18:3_18:4)	8.91E+02	8.73E+02	[M+NH4]+	C57H92O6
TG(18:2_18:3_20:4)	9.19E+02	9.01E+02	[M+NH4]+	C59H96O6
TG(18:2_18:3_20:5)	9.17E+02	8.99E+02	[M+NH4]+	C59H94O6
TG(18:2_18:3_22:6)	9.43E+02	9.25E+02	[M+NH4]+	C61H96O6
TG(18:2_20:2_22:6)	9.73E+02	9.55E+02	[M+NH4]+	C63H102O6
TG(18:2_20:3_20:4)	9.47E+02	9.29E+02	[M+NH4]+	C61H100O6
TG(18:2_20:3_22:5)	9.73E+02	9.55E+02	[M+NH4]+	C63H102O6
TG(18:2_20:4_20:4)	9.45E+02	9.27E+02	[M+NH4]+	C61H98O6
TG(18:2_20:4_20:5)	9.43E+02	9.25E+02	[M+NH4]+	C61H96O6
TG(18:2_20:5_20:5)	9.41E+02	9.23E+02	[M+NH4]+	C61H94O6
TG(18:2_20:5_22:6)	9.67E+02	9.49E+02	[M+NH4]+	C63H96O6
TG(18:2_22:5_22:6)	9.95E+02	9.77E+02	[M+NH4]+	C65H100O6
TG(18:3_20:4_20:4)	9.43E+02	9.25E+02	[M+NH4]+	C61H96O6
TG(19:0_18:1_22:6)	9.65E+02	9.47E+02	[M+NH4]+	C62H106O6
TG(19:0_18:2_18:2)	9.15E+02	8.97E+02	[M+NH4]+	C58H104O6
TG(19:1_18:2_18:2)	9.13E+02	8.95E+02	[M+NH4]+	C58H102O6
TG(20:0_18:1_22:6)	9.79E+02	9.61E+02	[M+NH4]+	C63H108O6
TG(20:0_18:2_18:2)	9.29E+02	9.11E+02	[M+NH4]+	C59H106O6
TG(20:0_18:3_18:3)	9.25E+02	9.07E+02	[M+NH4]+	C59H102O6
TG(20:0_20:4_22:6)	1.00E+03	9.83E+02	[M+NH4]+	C65H106O6
TG(20:1_18:2_18:0)	9.31E+02	9.13E+02	[M+NH4]+	C59H108O6
TG(20:1_18:2_18:3)	9.25E+02	9.07E+02	[M+NH4]+	C59H102O6
TG(20:1_18:2_22:6)	9.75E+02	9.57E+02	[M+NH4]+	C63H104O6
TG(20:1_18:3_18:3)	9.23E+02	9.05E+02	[M+NH4]+	C59H100O6
TG(22:0_18:1_18:1)	9.61E+02	9.43E+02	[M+NH4]+	C61H114O6
TG(22:1_18:2_22:6)	1.00E+03	9.85E+02	[M+NH4]+	C65H108O6
TG(23:0_18:1_18:1)	9.75E+02	9.57E+02	[M+NH4]+	C62H116O6
TG(24:1_18:2_18:2)	9.83E+02	9.65E+02	[M+NH4]+	C63H112O6
TG(8:0_10:0_10:0)	5.44E+02	5.26E+02	[M+NH4]+	C31H58O6
TG(8:0_14:0_16:0)	6.85E+02	6.67E+02	[M+NH4]+	C41H78O6
TG(8:0_14:0_18:0)	7.13E+02	6.95E+02	[M+NH4]+	C43H82O6
TG(8:0_15:1_18:2)	7.21E+02	7.03E+02	[M+NH4]+	C44H78O6
TG(8:0_16:0_16:0)	7.13E+02	6.95E+02	[M+NH4]+	C43H82O6
TG(8:0_16:0_16:1)	7.11E+02	6.93E+02	[M+NH4]+	C43H80O6
TG(8:0_16:0_18:1)	7.39E+02	7.21E+02	[M+NH4]+	C45H84O6
TG(8:0_16:0_18:2)	7.37E+02	7.19E+02	[M+NH4]+	C45H82O6
TG(8:0_16:1_18:1)	7.37E+02	7.19E+02	[M+NH4]+	C45H82O6
TG(8:0_18:1_18:2)	7.63E+02	7.45E+02	[M+NH4]+	C47H84O6
TG(9:0_16:0_18:2)	7.51E+02	7.33E+02	[M+NH4]+	C46H84O6
TG(9:0_18:1_18:2)	7.77E+02	7.59E+02	[M+NH4]+	C48H86O6
TG(O-20:0_16:0_18:1)	8.93E+02	8.75E+02	[M+NH4]+	C57H110O5
TXB2	3.69E+02	3.70E+02	[M-H]-	C20H34O6
Taurochenodeoxycholic acid	4.99E+02	4.99E+02	[M-H]-	C26H45NO6S
Taurocholic acid	5.15E+02	5.15E+02	[M-H]-	C26H45NO7S

TxB3	3.67E+02	3.68E+02	[M-H]-	C20H32O6
Ursocholic acid	4.07E+02	4.08E+02	[M-H]-	C24H40O5
lithocholic acid-3-sulfate	4.56E+02	4.56E+02	[M-H]-	C24H38O3
tauro lithocholic acid-3-sulfate	2.81E+02	5.63E+02	[M-H]-	C26H45NO8S2

hippocampus

MRL/lpr									MRL
S1	S2	S3	S4	S5	S6	C1	C2	C3	
1.09E+03	1.62E+03	2.51E+03	7.59E+02	7.68E+02	1.26E+03	1.02E+03	1.53E+03	5.15E+02	
6.85E+04	5.50E+04	7.55E+04	7.07E+04	5.31E+04	7.00E+04	3.95E+04	8.71E+04	6.86E+04	
1.26E+04	1.62E+04	1.84E+04	1.38E+04	1.70E+04	1.67E+04	1.35E+04	1.18E+04	1.49E+04	
2.28E+03	2.35E+03	1.84E+03	1.93E+03	1.72E+03	2.07E+03	2.08E+03	1.61E+03	2.24E+03	
4.12E+04	5.41E+04	5.75E+04	3.89E+04	5.39E+04	5.73E+04	4.55E+04	4.57E+04	5.28E+04	
3.51E+03	4.09E+03	5.04E+03	2.75E+03	3.76E+03	5.26E+03	4.15E+03	2.88E+03	3.88E+03	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
2.30E+03	1.90E+03	2.47E+03	1.85E+03	1.88E+03	3.20E+03	1.50E+03	1.74E+03	2.04E+03	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
1.40E+05	1.37E+05	1.53E+05	1.31E+05	1.28E+05	1.41E+05	1.37E+05	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	8.85E+02	1.18E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
3.45E+03	4.84E+03	5.58E+03	2.48E+03	2.71E+03	4.97E+03	3.31E+03	2.91E+03	3.32E+03	
3.53E+03	3.36E+03	6.95E+03	5.58E+03	9.11E+03	4.85E+03	7.46E+03	7.17E+03	7.68E+03	
8.39E+03	1.10E+04	2.21E+04	1.63E+04	1.19E+04	1.89E+04	2.41E+04	2.59E+04	2.99E+04	
9.00E+00	4.82E+03	9.00E+00	9.00E+00	5.29E+03	9.00E+00	1.31E+03	3.47E+03	9.00E+00	
4.47E+04	4.00E+04	4.37E+04	4.34E+04	3.28E+04	4.26E+04	6.99E+04	6.66E+04	5.53E+04	
9.00E+00	5.46E+03	9.00E+00	9.00E+00	9.00E+00	6.20E+03	2.74E+03	7.51E+03	3.93E+03	
7.44E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
1.54E+04	1.91E+04	2.47E+04	1.53E+04	2.25E+04	2.39E+04	2.11E+04	1.73E+04	1.72E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.40E+03	2.75E+03	6.53E+02	1.67E+03	1.15E+03	
1.50E+04	2.31E+04	2.05E+04	2.42E+04	2.33E+04	1.35E+04	3.93E+04	2.45E+04	3.35E+04	
7.61E+04	1.04E+05	9.47E+04	8.29E+04	7.72E+04	8.20E+04	1.21E+05	1.12E+05	1.13E+05	
2.18E+03	4.39E+03	4.74E+03	3.64E+03	4.06E+03	5.66E+03	3.65E+03	5.18E+03	4.79E+03	
7.54E+04	7.83E+04	6.69E+04	8.00E+04	5.68E+04	6.17E+04	7.43E+04	6.90E+04	6.33E+04	
1.81E+06	1.63E+06	2.13E+06	1.84E+06	1.33E+06	1.58E+06	1.76E+06	1.73E+06	1.66E+06	
9.87E+03	1.91E+04	1.15E+04	1.43E+04	1.46E+04	8.52E+03	1.42E+03	2.81E+03	4.84E+03	
3.41E+03	1.21E+04	3.58E+03	4.98E+03	9.71E+03	6.04E+03	9.00E+00	1.04E+04	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.53E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
5.17E+03	7.93E+03	7.08E+03	6.66E+03	4.90E+03	6.52E+03	3.77E+03	5.23E+03	2.04E+03	
1.56E+04	3.79E+04	2.12E+04	8.34E+03	2.67E+04	1.77E+04	6.40E+03	1.23E+04	2.01E+03	
2.51E+04	4.14E+04	3.65E+04	7.85E+04	5.05E+04	4.09E+04	2.45E+04	1.39E+04	1.39E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
1.38E+03	9.47E+03	4.45E+03	4.40E+03	1.52E+03	2.31E+03	9.00E+00	9.00E+00	9.00E+00	
5.25E+03	1.20E+04	3.59E+03	2.68E+03	2.58E+03	4.25E+03	9.00E+00	9.00E+00	9.00E+00	
4.10E+03	2.10E+04	1.12E+04	1.14E+04	6.45E+03	1.18E+04	5.62E+03	1.13E+04	4.92E+03	
8.47E+04	8.77E+04	6.63E+04	1.07E+05	8.67E+04	1.03E+05	4.02E+04	9.04E+04	7.96E+04	
7.84E+03	1.58E+04	9.68E+03	2.55E+04	1.20E+04	8.79E+03	8.39E+03	5.42E+03	1.57E+04	
9.26E+03	1.77E+04	1.13E+04	1.16E+04	5.46E+03	5.36E+03	3.46E+03	6.05E+03	7.88E+03	
6.01E+04	1.18E+05	1.08E+05	1.54E+05	1.31E+05	7.85E+04	4.37E+04	2.42E+04	4.64E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
2.04E+04	4.81E+04	7.79E+04	2.35E+04	2.12E+04	5.63E+04	1.31E+04	9.14E+03	3.61E+04	
9.00E+00	1.04E+04	6.01E+03	9.00E+00	8.87E+03	9.00E+00	9.00E+00	9.00E+00	9.58E+03	
9.00E+00	1.97E+05	2.99E+05	3.47E+04	9.00E+00	2.23E+05	9.00E+00	9.00E+00	6.69E+04	
3.73E+04	3.85E+04	5.27E+04	6.60E+04	5.37E+04	5.22E+04	6.39E+04	8.36E+04	4.99E+04	
1.73E+04	2.33E+04	3.98E+04	4.72E+04	3.18E+04	4.41E+04	5.19E+03	9.00E+00	1.24E+04	
3.90E+05	3.54E+05	4.22E+05	3.80E+05	3.72E+05	3.81E+05	3.68E+05	3.53E+05	3.76E+05	
4.04E+04	2.73E+04	4.99E+04	6.44E+04	6.43E+04	5.92E+04	2.90E+04	2.43E+04	1.97E+04	
2.71E+04	2.91E+04	3.27E+04	3.74E+04	3.46E+04	3.23E+04	3.56E+04	4.92E+04	4.31E+04	
1.37E+06	1.11E+06	1.70E+06	1.77E+06	1.74E+06	1.22E+06	1.98E+06	2.22E+06	1.56E+06	

5.78E+04	4.74E+04	6.76E+04	8.47E+04	6.25E+04	6.26E+04	1.17E+05	1.27E+05	8.23E+04
1.86E+04	1.82E+04	2.18E+04	2.65E+04	2.51E+04	2.18E+04	2.35E+04	2.41E+04	2.23E+04
3.92E+04	3.11E+04	6.30E+04	5.84E+04	6.60E+04	4.23E+04	6.37E+04	6.20E+04	4.71E+04
9.00E+00	9.00E+00	1.51E+04	9.00E+00	9.00E+00	9.00E+00	1.38E+04	1.56E+04	1.26E+04
1.76E+05	1.77E+05	2.02E+05	2.18E+05	1.88E+05	1.89E+05	2.60E+05	2.72E+05	2.53E+05
5.65E+06	5.20E+06	6.63E+06	6.76E+06	7.48E+06	5.53E+06	6.01E+06	6.39E+06	5.50E+06
4.49E+05	3.60E+05	5.64E+05	6.37E+05	5.41E+05	4.26E+05	6.95E+05	7.61E+05	5.01E+05
8.05E+04	6.87E+04	8.08E+04	9.68E+04	8.64E+04	6.72E+04	1.04E+05	1.28E+05	1.04E+05
1.29E+04	9.87E+03	1.87E+04	2.75E+04	1.55E+04	1.60E+04	1.82E+04	1.97E+04	2.00E+04
5.14E+04	5.35E+04	9.01E+04	7.10E+04	7.63E+04	6.00E+04	7.91E+04	9.22E+04	7.37E+04
4.24E+04	3.55E+04	5.20E+04	5.43E+04	5.92E+04	4.37E+04	5.61E+04	6.57E+04	4.52E+04
5.64E+04	1.04E+05	1.07E+05	8.55E+04	8.85E+04	9.01E+04	1.00E+05	1.21E+05	1.15E+05
2.12E+06	3.38E+06	3.72E+06	3.11E+06	3.67E+06	3.40E+06	2.63E+06	3.27E+06	2.89E+06
2.98E+06	2.72E+06	4.01E+06	4.13E+06	4.20E+06	3.35E+06	3.86E+06	4.20E+06	3.06E+06
1.79E+05	2.11E+05	2.59E+05	2.77E+05	2.35E+05	2.28E+05	3.01E+05	3.41E+05	3.16E+05
2.52E+05	1.86E+05	2.81E+05	4.07E+05	4.89E+05	3.35E+05	2.11E+05	1.89E+05	1.75E+05
3.62E+04	3.21E+04	4.91E+04	6.54E+04	6.28E+04	4.81E+04	4.51E+04	4.01E+04	4.09E+04
2.66E+04	1.77E+04	2.20E+04	3.53E+04	2.06E+04	2.33E+04	3.00E+04	1.56E+04	3.13E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.20E+04	8.75E+04	1.11E+05	8.66E+04	6.82E+04	1.00E+05	8.11E+04	1.38E+05	9.28E+04
5.47E+04	7.98E+04	1.02E+05	7.82E+04	1.47E+05	1.21E+05	6.49E+04	4.50E+04	6.42E+04
3.84E+04	7.20E+04	8.30E+04	6.17E+04	6.65E+04	6.91E+04	3.68E+04	4.20E+04	4.12E+04
1.47E+06	1.66E+06	2.16E+06	3.08E+06	2.02E+06	2.01E+06	1.23E+06	1.37E+06	1.25E+06
3.68E+04	4.93E+04	5.99E+04	7.98E+04	3.76E+04	5.29E+04	6.34E+04	6.14E+04	6.07E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.37E+04	1.46E+04
7.94E+04	9.19E+04	1.03E+05	6.83E+04	6.76E+04	1.00E+05	8.66E+04	1.16E+05	9.57E+04
5.63E+03	7.93E+03	1.34E+04	6.15E+03	1.17E+04	1.10E+04	5.94E+03	4.17E+03	1.02E+04
3.50E+03	1.01E+04	1.51E+04	5.16E+03	7.16E+03	1.08E+04	5.53E+03	8.46E+03	9.47E+03
4.23E+04	1.07E+05	1.35E+05	8.91E+04	6.99E+04	1.10E+05	4.86E+04	6.12E+04	7.17E+04
1.64E+04	2.51E+04	3.12E+04	2.31E+04	2.66E+04	2.38E+04	1.46E+04	1.39E+04	1.31E+04
1.02E+05	8.79E+04	1.42E+05	2.11E+05	1.10E+05	1.13E+05	8.62E+04	1.03E+05	8.58E+04
1.53E+06	1.68E+06	2.06E+06	1.77E+06	2.25E+06	1.62E+06	6.61E+05	7.63E+05	9.56E+05
1.48E+05	1.86E+05	1.99E+05	1.46E+05	1.12E+05	1.70E+05	1.14E+05	1.10E+05	1.27E+05
5.23E+04	8.66E+04	1.05E+05	5.20E+04	8.10E+04	7.85E+04	3.61E+04	3.55E+04	5.22E+04
6.52E+04	9.07E+04	1.24E+05	6.09E+04	9.90E+04	9.79E+04	4.51E+04	4.42E+04	6.94E+04
6.63E+04	8.43E+05	9.98E+05	2.02E+05	6.30E+04	8.71E+05	5.98E+04	5.08E+04	3.32E+05
1.01E+05	1.07E+05	1.34E+05	1.33E+05	1.22E+05	1.08E+05	5.27E+04	5.83E+04	4.69E+04
1.01E+05	1.06E+05	1.28E+05	1.28E+05	1.17E+05	9.63E+04	6.28E+04	5.99E+04	6.59E+04
2.48E+06	1.77E+06	1.94E+06	2.13E+06	1.98E+06	1.89E+06	2.16E+06	1.90E+06	1.80E+06
8.49E+03	1.12E+05	2.42E+05	5.86E+04	2.68E+04	1.90E+05	8.23E+03	9.00E+00	4.84E+04
9.28E+06	8.02E+06	8.36E+06	8.72E+06	8.56E+06	8.37E+06	8.12E+06	8.14E+06	8.17E+06
6.09E+05	4.84E+05	5.46E+05	5.43E+05	5.68E+05	4.87E+05	5.76E+05	4.83E+05	4.81E+05
1.99E+04	3.26E+04	4.01E+04	2.14E+04	3.37E+04	3.51E+04	9.00E+00	9.00E+00	1.73E+04
1.40E+04	5.12E+04	5.82E+04	2.05E+04	1.39E+04	5.03E+04	1.55E+04	9.13E+03	3.12E+04
9.00E+00	3.38E+04	3.16E+04	1.52E+04	5.30E+03	2.80E+04	9.00E+00	5.03E+03	2.19E+04
1.36E+04	1.06E+05	1.18E+05	2.98E+04	2.02E+04	1.06E+05	1.46E+04	1.34E+04	4.51E+04
1.62E+04	9.17E+04	6.10E+04	4.57E+04	2.31E+04	7.16E+04	9.00E+00	9.00E+00	2.47E+04
5.66E+04	4.92E+04	4.41E+04	5.66E+04	5.39E+04	7.32E+04	5.46E+04	6.99E+04	6.91E+04
9.16E+03	1.51E+04	7.93E+03	8.93E+03	7.94E+03	7.22E+03	9.00E+00	6.46E+03	9.00E+00
7.06E+04	9.12E+04	7.10E+04	7.07E+04	5.50E+04	1.02E+05	4.31E+04	6.93E+04	5.30E+04
1.23E+04	1.26E+04	8.38E+03	1.14E+04	1.23E+04	1.08E+04	1.38E+04	5.89E+03	3.40E+03
1.06E+05	1.34E+05	1.02E+05	1.51E+05	9.78E+04	1.08E+05	7.95E+04	1.09E+05	8.41E+04

1.12E+05	1.13E+05	1.20E+05	1.18E+05	2.44E+04	1.29E+05	8.80E+04	1.22E+05	1.00E+05
7.68E+03	1.21E+04	7.81E+03	4.67E+03	1.01E+04	1.92E+04	5.47E+03	2.44E+04	6.97E+03
1.89E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.84E+03	4.45E+03	3.94E+03
8.68E+03	3.66E+03	6.10E+03	4.90E+03	3.22E+03	5.68E+03	9.00E+00	9.00E+00	9.00E+00
1.65E+04	1.22E+04	1.84E+04	1.16E+04	1.37E+04	1.31E+04	9.00E+00	2.38E+04	1.69E+04
9.00E+00	5.41E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.16E+02
9.63E+03	8.03E+03	4.57E+03	8.91E+03	1.36E+04	9.04E+03	2.68E+03	4.96E+03	8.66E+03
6.67E+03	4.94E+03	1.05E+04	1.55E+04	1.08E+04	1.13E+04	7.44E+03	6.18E+03	5.81E+03
1.64E+04	1.71E+04	2.02E+04	2.40E+04	1.98E+04	1.74E+04	1.38E+04	2.94E+04	1.10E+04
4.81E+03	3.49E+03	6.18E+03	8.81E+03	9.23E+03	6.70E+03	3.96E+03	9.00E+00	5.23E+03
1.65E+05	1.78E+05	1.62E+05	1.54E+05	1.94E+05	1.48E+05	1.14E+05	1.16E+05	8.54E+04
1.38E+06	1.33E+06	1.37E+06	1.59E+06	1.30E+06	1.42E+06	8.97E+05	1.11E+06	9.83E+05
3.02E+04	3.90E+04	3.88E+04	2.66E+04	2.65E+04	2.41E+04	2.37E+04	3.94E+04	2.17E+04
4.46E+03	3.26E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.62E+04	2.58E+04	3.70E+04	3.86E+04	3.24E+04	3.53E+04	6.30E+04	6.56E+04	4.55E+04
9.06E+04	1.99E+05	2.50E+05	9.42E+04	8.80E+04	2.37E+05	9.52E+04	1.95E+05	1.06E+05
1.34E+03	3.17E+03	9.00E+00	2.41E+03	1.05E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.51E+04	6.58E+04	6.88E+04	7.53E+04	5.12E+04	4.91E+04	5.05E+04	4.58E+04	5.28E+04
4.53E+04	1.12E+05	7.39E+04	6.78E+04	8.76E+04	7.11E+04	7.71E+04	8.56E+04	5.50E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.18E+02	9.00E+00
8.17E+04	7.97E+04	8.37E+04	6.21E+04	7.13E+04	6.69E+04	4.29E+04	5.70E+04	4.31E+04
5.52E+04	5.83E+04	9.04E+04	5.83E+04	7.84E+04	4.22E+04	9.50E+04	7.96E+04	7.03E+04
6.67E+05	5.30E+05	6.32E+05	6.45E+05	6.36E+05	6.11E+05	4.78E+05	6.91E+05	5.24E+05
8.64E+06	7.27E+06	6.57E+06	9.08E+06	7.18E+06	7.60E+06	6.02E+06	7.61E+06	6.28E+06
2.22E+06	2.12E+06	1.69E+06	2.16E+06	2.11E+06	2.15E+06	1.82E+06	1.87E+06	1.72E+06
3.11E+04	2.71E+04	3.29E+04	3.70E+04	2.90E+04	3.70E+04	2.90E+04	3.63E+04	2.96E+04
9.00E+00	9.00E+00	9.00E+00	9.74E+03	9.00E+00	1.53E+04	9.00E+00	9.00E+00	9.00E+00
1.13E+05	8.67E+04	1.47E+05	1.22E+05	1.02E+05	8.47E+04	1.52E+05	2.60E+05	1.05E+05
1.13E+04	1.26E+04	3.16E+04	1.25E+04	1.37E+04	1.85E+04	1.43E+04	3.31E+04	1.93E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.10E+03	6.71E+03	2.20E+04	1.01E+04	1.23E+04	6.61E+03	9.25E+03	1.15E+04	2.34E+04
5.92E+03	9.00E+00	9.00E+00	1.27E+04	1.22E+04	1.61E+04	1.03E+04	6.90E+04	2.12E+04
1.33E+05	1.12E+05	1.60E+05	1.41E+05	1.55E+05	1.22E+05	1.21E+05	1.39E+05	8.90E+04
9.96E+04	1.02E+05	7.79E+04	4.85E+04	8.89E+04	1.03E+05	6.57E+04	7.76E+04	9.02E+04
4.77E+04	5.50E+04	5.51E+04	5.14E+04	5.79E+04	5.55E+04	3.11E+04	5.50E+04	5.30E+04
1.62E+04	2.34E+04	5.67E+04	1.81E+04	1.99E+04	2.13E+04	2.10E+04	4.41E+04	2.53E+04
3.58E+04	6.00E+04	3.78E+04	4.10E+04	4.75E+04	3.40E+04	2.00E+04	3.18E+04	3.42E+04
2.12E+06	1.84E+06	1.43E+06	2.07E+06	2.47E+06	1.80E+06	1.70E+06	1.90E+06	1.38E+06
1.17E+04	9.55E+03	2.95E+04	1.50E+04	1.90E+04	1.62E+04	1.71E+04	2.51E+04	1.85E+04
1.70E+05	1.93E+05	1.58E+05	2.00E+05	1.01E+05	1.75E+05	1.46E+05	9.23E+04	8.31E+04
3.97E+05	4.28E+05	5.01E+05	4.25E+05	4.09E+05	4.51E+05	4.07E+05	4.10E+05	4.25E+05
1.99E+05	1.67E+05	1.79E+05	1.80E+05	2.04E+05	1.88E+05	1.10E+05	1.22E+05	1.09E+05
1.55E+08	1.60E+08	1.49E+08	1.60E+08	1.59E+08	1.42E+08	1.25E+08	1.50E+08	1.40E+08
1.58E+06	1.13E+06	1.44E+06	1.02E+06	1.27E+06	1.23E+06	1.36E+06	1.60E+06	1.11E+06
4.79E+05	3.85E+05	5.73E+05	5.16E+05	4.16E+05	4.49E+05	3.63E+05	6.28E+05	4.89E+05
1.39E+06	2.81E+06	1.84E+06	3.04E+06	3.01E+06	2.96E+06	2.83E+06	3.16E+06	2.86E+06
5.61E+06	4.04E+06	4.93E+06	4.88E+06	4.66E+06	4.88E+06	2.98E+06	3.40E+06	2.74E+06
9.94E+04	7.38E+04	1.11E+05	1.09E+05	1.02E+05	1.04E+05	6.19E+04	1.48E+05	6.00E+04
2.65E+05	2.72E+05	2.78E+05	2.77E+05	2.09E+05	2.21E+05	3.32E+05	4.70E+05	3.84E+05
4.49E+04	4.71E+04	7.80E+04	1.42E+04	5.49E+04	3.16E+04	6.86E+04	9.24E+04	6.06E+04
1.30E+06	1.56E+06	1.65E+06	1.37E+06	1.16E+06	1.15E+06	1.01E+06	1.69E+06	1.15E+06
1.34E+07	1.11E+07	1.13E+07	1.14E+07	1.19E+07	1.19E+07	1.11E+07	1.25E+07	1.08E+07
1.67E+05	1.35E+05	1.91E+05	1.62E+05	1.76E+05	1.36E+05	1.40E+05	1.98E+05	1.36E+05
5.32E+05	5.42E+05	3.85E+05	4.67E+05	4.73E+05	4.96E+05	4.29E+05	3.91E+05	4.74E+05

5.07E+05	3.54E+05	4.54E+05	4.16E+05	4.44E+05	4.57E+05	6.26E+05	8.56E+05	6.54E+05
2.52E+06	1.90E+06	2.26E+06	2.16E+06	2.48E+06	2.21E+06	2.05E+06	2.36E+06	1.99E+06
4.88E+04	5.09E+04	3.67E+04	2.92E+04	3.99E+04	3.65E+04	2.46E+04	3.92E+04	2.48E+04
6.05E+05	6.29E+05	7.57E+05	7.48E+05	6.80E+05	7.28E+05	7.04E+05	1.06E+06	7.90E+05
1.88E+07	1.49E+07	1.62E+07	1.88E+07	1.71E+07	1.66E+07	1.68E+07	1.93E+07	1.39E+07
1.39E+06	1.95E+06	2.10E+06	1.57E+06	1.93E+06	1.41E+06	1.24E+06	1.87E+06	1.34E+06
2.84E+04	1.48E+04	2.84E+04	2.81E+04	1.67E+04	2.23E+04	2.45E+04	4.52E+04	1.98E+04
2.84E+04	2.78E+04	3.81E+04	1.46E+04	1.89E+04	2.69E+04	3.61E+04	5.47E+04	3.28E+04
6.19E+05	5.07E+05	6.58E+05	6.72E+05	5.94E+05	5.16E+05	5.79E+05	8.16E+05	6.45E+05
7.10E+03	1.69E+04	1.35E+04	1.26E+04	5.49E+03	4.93E+03	1.87E+04	1.53E+04	1.46E+04
1.96E+04	2.00E+04	1.07E+04	1.73E+04	2.44E+04	1.73E+04	2.02E+04	3.11E+04	2.21E+04
1.20E+04	1.26E+04	2.19E+04	8.75E+03	1.35E+04	1.25E+04	1.43E+04	1.63E+04	1.67E+04
2.34E+03	6.32E+03	9.26E+03	4.03E+03	3.58E+03	7.78E+03	9.00E+00	9.00E+00	9.00E+00
1.63E+04	2.86E+04	1.84E+04	1.67E+04	1.58E+04	2.77E+04	1.81E+04	1.98E+04	3.02E+04
5.03E+05	5.21E+05	4.86E+05	5.71E+05	4.38E+05	4.99E+05	3.68E+05	4.09E+05	3.84E+05
7.78E+04	7.15E+04	9.17E+04	6.28E+04	6.64E+04	6.72E+04	7.04E+04	7.62E+04	9.13E+04
5.65E+07	4.81E+07	3.99E+07	5.94E+07	4.84E+07	4.89E+07	4.60E+07	4.83E+07	4.82E+07
4.08E+05	3.29E+05	4.12E+05	4.34E+05	3.78E+05	4.14E+05	4.41E+05	3.89E+05	4.06E+05
1.72E+06	1.79E+06	2.23E+06	1.71E+06	1.66E+06	1.92E+06	1.98E+06	2.42E+06	1.96E+06
1.62E+05	1.25E+05	1.98E+05	1.85E+05	1.53E+05	1.45E+05	2.92E+05	3.21E+05	2.71E+05
2.30E+04	1.56E+04	1.95E+04	2.20E+04	1.63E+04	1.98E+04	3.06E+04	3.83E+04	1.82E+04
4.10E+05	7.86E+05	1.21E+06	4.72E+05	4.72E+05	9.33E+05	4.12E+05	1.01E+06	4.67E+05
4.61E+05	3.74E+05	6.04E+05	4.59E+05	4.50E+05	4.17E+05	5.97E+05	9.85E+05	5.69E+05
2.15E+05	2.40E+05	3.14E+05	2.89E+05	1.99E+05	2.59E+05	3.99E+05	3.58E+05	4.16E+05
7.71E+04	5.54E+04	1.29E+05	7.19E+04	9.24E+04	8.00E+04	1.45E+05	1.83E+05	1.35E+05
1.35E+05	3.77E+05	4.51E+05	2.68E+05	3.14E+05	3.28E+05	3.17E+05	5.33E+05	2.81E+05
1.33E+06	1.12E+06	1.72E+06	1.66E+06	1.51E+06	1.40E+06	2.21E+06	9.46E+05	2.30E+06
9.95E+04	1.41E+05	1.28E+05	1.15E+05	1.54E+05	1.01E+05	1.13E+05	1.24E+05	1.09E+05
1.60E+04	2.04E+04	1.17E+04	1.96E+04	2.15E+04	1.52E+04	2.32E+04	2.64E+04	3.51E+04
8.80E+04	8.07E+04	8.54E+04	8.67E+04	8.83E+04	7.09E+04	1.43E+05	1.51E+05	9.41E+04
2.30E+04	1.28E+04	2.76E+04	2.15E+04	2.44E+04	4.40E+03	2.30E+04	1.97E+04	8.75E+03
1.22E+04	9.87E+03	1.53E+04	1.29E+04	8.56E+03	5.68E+03	7.88E+03	1.63E+04	9.17E+03
3.91E+05	2.64E+05	4.72E+05	3.95E+05	3.68E+05	3.42E+05	4.03E+05	5.97E+05	4.11E+05
9.00E+00	1.05E+04	9.00E+00	1.36E+04	9.00E+00	9.00E+00	9.00E+00	4.39E+03	8.30E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.70E+03
4.24E+04	1.95E+04	2.81E+04	2.70E+04	2.20E+04	2.60E+04	3.07E+04	5.57E+04	2.49E+04
7.11E+04	7.44E+04	6.71E+04	7.18E+04	6.38E+04	6.66E+04	7.71E+04	1.03E+05	7.75E+04
2.29E+04	1.28E+04	2.41E+04	4.04E+04	2.12E+04	2.33E+04	3.10E+04	2.37E+04	2.17E+04
2.49E+04	2.82E+04	1.02E+04	1.93E+04	2.55E+04	2.42E+04	1.92E+04	1.12E+04	1.58E+04
4.40E+04	4.31E+04	5.15E+04	4.53E+04	5.91E+04	4.57E+04	3.59E+04	5.98E+04	3.68E+04
6.95E+04	5.22E+04	9.92E+04	9.22E+04	8.71E+04	4.94E+04	1.15E+05	1.27E+05	1.09E+05
1.47E+05	1.54E+05	1.69E+05	1.23E+05	1.64E+05	1.41E+05	1.33E+05	1.33E+05	1.49E+05
5.49E+03	9.63E+03	5.67E+03	1.18E+04	8.71E+03	5.58E+03	4.15E+03	1.52E+04	4.67E+03
1.82E+03	6.32E+03	6.29E+03	4.90E+03	9.00E+00	2.27E+03	4.04E+03	2.68E+03	7.69E+03
5.96E+04	3.16E+04	5.33E+04	5.01E+04	3.51E+04	5.05E+04	5.74E+04	8.69E+04	5.47E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.46E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
5.84E+04	4.37E+04	7.19E+04	6.01E+04	4.25E+04	4.67E+04	1.09E+05	1.65E+05	8.05E+04
2.93E+04	2.65E+04	2.24E+04	2.13E+04	2.93E+04	2.45E+04	4.10E+04	2.89E+04	2.23E+04
4.64E+04	3.15E+04	6.05E+04	6.19E+04	6.66E+04	4.05E+04	1.07E+05	1.81E+05	7.79E+04
1.53E+04	1.43E+04	1.52E+04	2.26E+04	1.71E+04	2.73E+04	1.43E+04	1.76E+04	1.07E+04
6.04E+05	1.15E+06	1.16E+06	1.13E+06	1.13E+06	1.04E+06	8.79E+05	8.17E+05	9.34E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.15E+03	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.05E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00

9.00E+00	9.00E+00	2.52E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	1.04E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	5.24E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	2.05E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.02E+03	9.00E+00	5.05E+02	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.21E+02	1.51E+03	1.03E+03	2.60E+03	9.00E+00	9.00E+00
1.71E+05	1.41E+05	1.63E+05	1.50E+05	1.42E+05	1.73E+05	1.41E+05	1.06E+05	1.30E+05	9.00E+00
9.00E+00	5.30E+03	4.04E+03	1.23E+03	1.21E+03	9.00E+00	1.62E+03	4.87E+03	4.96E+03	9.00E+00
3.28E+06	3.11E+06	2.54E+06	3.21E+06	3.02E+06	3.26E+06	3.51E+06	3.57E+06	2.78E+06	9.00E+00
5.72E+04	8.14E+04	7.50E+04	8.09E+04	2.93E+04	8.19E+04	9.62E+04	1.12E+05	1.03E+05	9.00E+00
3.22E+04	3.51E+04	3.07E+04	2.76E+04	2.74E+04	4.60E+04	2.30E+04	2.98E+04	3.45E+04	9.00E+00
1.91E+04	2.07E+04	3.27E+04	1.97E+04	2.13E+04	2.41E+04	3.95E+04	6.48E+04	4.17E+04	9.00E+00
9.00E+00	2.79E+03	9.00E+00	9.00E+00	3.02E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.46E+04	3.53E+04	4.21E+04	2.67E+04	4.02E+04	3.22E+04	4.35E+04	6.71E+04	4.79E+04	9.00E+00
6.23E+04	4.92E+04	6.61E+04	5.68E+04	6.39E+04	4.90E+04	8.65E+04	1.75E+05	8.42E+04	9.00E+00
8.61E+04	8.68E+04	1.14E+05	6.45E+04	7.52E+04	7.11E+04	7.92E+04	1.18E+05	8.49E+04	9.00E+00
9.00E+00	4.89E+03	9.00E+00	9.00E+00	9.00E+00	7.22E+03	2.40E+03	3.23E+03	8.13E+02	9.00E+00
1.82E+04	2.35E+04	3.84E+04	2.80E+04	2.88E+04	2.26E+04	4.12E+04	3.55E+04	3.41E+04	9.00E+00
1.11E+06	8.59E+05	1.11E+06	6.35E+05	1.18E+06	6.83E+05	8.80E+05	1.51E+06	6.97E+05	9.00E+00
1.39E+05	9.20E+04	1.32E+05	1.27E+05	1.47E+05	1.20E+05	1.20E+05	2.20E+05	1.11E+05	9.00E+00
1.06E+05	5.85E+04	1.44E+05	8.89E+04	1.17E+05	1.04E+05	8.29E+04	1.22E+05	8.45E+04	9.00E+00
7.97E+05	5.85E+05	1.05E+06	8.13E+05	6.89E+05	5.35E+05	8.38E+05	1.06E+06	7.71E+05	9.00E+00
5.64E+03	3.95E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.18E+03	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
5.99E+06	4.24E+06	7.85E+06	5.69E+06	5.56E+06	4.23E+06	8.80E+06	1.08E+07	7.26E+06	9.00E+00
1.50E+07	1.21E+07	2.12E+07	1.39E+07	1.35E+07	1.27E+07	2.98E+07	4.41E+07	2.17E+07	9.00E+00
1.83E+04	7.37E+03	3.06E+04	2.19E+04	2.06E+04	1.44E+04	2.39E+04	4.58E+04	1.67E+04	9.00E+00
6.40E+03	4.57E+03	2.97E+03	4.13E+03	3.56E+03	5.02E+03	1.98E+03	5.63E+03	7.55E+03	9.00E+00
5.62E+04	3.75E+04	2.44E+04	4.34E+04	6.23E+04	4.45E+04	4.71E+04	8.92E+04	4.03E+04	9.00E+00
8.12E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.64E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.60E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.41E+04	4.19E+04	2.54E+04	4.91E+04	4.83E+04	5.27E+04	3.33E+04	4.91E+04	2.70E+04	9.00E+00
6.39E+04	4.26E+04	9.26E+04	5.08E+04	4.80E+04	6.01E+04	6.89E+04	5.54E+04	3.06E+04	9.00E+00
4.84E+05	3.02E+05	8.86E+05	3.89E+05	5.23E+05	3.54E+05	9.21E+05	1.60E+06	7.52E+05	9.00E+00
2.74E+04	2.56E+04	5.01E+04	2.55E+04	2.91E+04	2.05E+04	5.90E+04	9.09E+04	3.98E+04	9.00E+00
1.71E+05	1.79E+05	1.40E+05	1.36E+05	1.61E+05	1.46E+05	1.61E+05	1.86E+05	1.62E+05	9.00E+00
7.78E+04	8.67E+04	7.28E+04	5.04E+04	7.23E+04	6.64E+04	8.28E+04	8.32E+04	9.65E+04	9.00E+00
4.51E+04	7.80E+04	4.90E+04	5.26E+04	3.98E+04	3.81E+04	2.82E+04	2.63E+04	4.03E+04	9.00E+00
9.77E+03	6.36E+03	1.27E+04	6.36E+03	1.87E+03	7.70E+03	1.95E+03	9.79E+03	3.44E+03	9.00E+00
4.86E+04	2.38E+04	4.72E+04	3.70E+04	2.36E+04	4.28E+04	3.99E+04	3.57E+04	3.67E+04	9.00E+00
9.00E+00	9.00E+00	9.00E+00	5.15E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.91E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.48E+02	9.00E+00	9.00E+00
3.33E+06	2.96E+06	3.04E+06	2.79E+06	2.94E+06	2.66E+06	3.11E+06	2.71E+06	3.09E+06	9.00E+00
6.83E+04	6.44E+04	9.20E+04	7.49E+04	7.26E+04	8.80E+04	6.72E+04	4.92E+04	7.87E+04	9.00E+00
1.21E+04	2.15E+04	2.13E+04	1.63E+04	9.76E+03	2.68E+04	2.36E+04	1.42E+04	3.58E+04	9.00E+00
9.00E+00	9.85E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.94E+02	9.00E+00	9.00E+00
1.31E+03	3.47E+03	8.62E+02	5.18E+03	9.00E+00	2.56E+03	8.43E+02	8.53E+02	2.21E+03	9.00E+00
1.98E+03	5.01E+02	9.95E+02	2.47E+03	5.01E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	4.19E+03	1.71E+03	9.00E+00	9.00E+00	8.85E+02	9.00E+00	9.00E+00	9.00E+00

1.05E+03	9.00E+00	5.15E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.24E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.21E+05	1.47E+05	1.92E+05	1.63E+05	1.58E+05	1.75E+05	1.50E+05	1.63E+05	1.25E+05	
9.00E+00	2.56E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.09E+04	8.00E+04	1.09E+05	7.15E+04	1.04E+05	8.04E+04	1.02E+05	9.51E+04	8.29E+04	
4.99E+04	2.93E+04	3.99E+04	3.50E+04	4.22E+04	3.83E+04	4.26E+04	1.41E+04	3.23E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.24E+03	8.46E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.21E+03	9.00E+00	9.00E+00	
4.08E+03	8.54E+03	9.00E+00	4.53E+03	3.13E+03	9.40E+03	4.05E+03	4.94E+03	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.41E+04	4.85E+04	7.52E+04	6.25E+04	6.42E+04	7.19E+04	6.17E+04	5.23E+04	6.47E+04	
7.75E+06	6.82E+06	6.47E+06	6.99E+06	7.36E+06	7.12E+06	7.26E+06	8.00E+06	6.65E+06	
1.61E+06	1.71E+06	1.68E+06	1.87E+06	1.58E+06	1.49E+06	1.81E+06	2.02E+06	2.01E+06	
8.05E+04	8.55E+04	9.84E+04	8.93E+04	8.35E+04	8.05E+04	1.10E+05	1.18E+05	1.11E+05	
5.77E+06	7.07E+06	6.39E+06	7.98E+06	5.92E+06	7.25E+06	6.98E+06	6.77E+06	7.87E+06	
6.28E+04	6.24E+04	6.99E+04	6.65E+04	5.76E+04	5.82E+04	8.99E+04	1.00E+05	7.69E+04	
3.83E+04	4.10E+04	6.15E+04	4.11E+04	4.26E+04	4.91E+04	5.53E+04	6.49E+04	7.15E+04	
3.37E+05	3.05E+05	2.88E+05	3.06E+05	3.30E+05	2.89E+05	3.16E+05	2.74E+05	3.09E+05	
2.67E+04	1.79E+04	3.96E+04	2.85E+04	3.07E+04	2.16E+04	4.49E+04	4.25E+04	2.48E+04	
1.52E+04	2.33E+04	1.10E+04	2.57E+04	2.77E+04	1.88E+04	4.49E+04	3.06E+04	2.55E+04	
9.00E+00	9.00E+00	4.03E+03	9.00E+00	4.01E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.74E+04	3.61E+04	6.80E+04	3.84E+04	6.12E+04	3.90E+04	4.96E+04	5.39E+04	5.35E+04	
2.29E+04	2.37E+04	2.56E+04	3.23E+04	1.54E+04	8.91E+03	1.60E+04	2.69E+04	1.43E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.75E+04	1.84E+04	9.70E+03	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.21E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.41E+06	4.99E+06	6.03E+06	3.21E+06	4.99E+06	4.36E+06	7.22E+06	7.54E+06	6.10E+06	
1.46E+05	1.04E+05	1.27E+05	9.14E+04	1.19E+05	1.42E+05	1.79E+05	2.01E+05	1.06E+05	
1.43E+04	1.20E+04	7.49E+03	8.85E+03	1.12E+04	1.15E+04	1.72E+04	1.47E+04	1.31E+04	
4.01E+06	4.02E+06	5.79E+06	4.54E+06	4.36E+06	4.33E+06	5.90E+06	4.80E+06	5.89E+06	
3.22E+06	2.04E+06	3.06E+06	2.17E+06	2.09E+06	2.20E+06	4.63E+06	6.25E+06	3.75E+06	
1.48E+05	1.99E+05	1.60E+05	1.86E+05	1.82E+05	2.78E+05	2.55E+05	2.28E+05	1.95E+05	
9.00E+00	3.11E+03	9.00E+00	3.60E+03	9.00E+00	9.00E+00	1.11E+04	6.11E+03	4.71E+03	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.77E+03	9.00E+00	9.00E+00	1.76E+04	9.00E+00	
2.09E+04	3.85E+04	4.26E+04	4.75E+04	3.41E+04	4.90E+04	3.91E+04	7.04E+04	4.18E+04	
2.28E+05	2.22E+05	3.52E+05	1.50E+05	1.93E+05	2.02E+05	4.46E+05	5.82E+05	3.52E+05	
4.16E+04	3.18E+04	4.16E+04	3.06E+04	4.25E+04	4.09E+04	4.10E+04	8.45E+04	4.94E+04	
1.05E+05	9.07E+04	1.41E+05	6.83E+04	9.38E+04	1.01E+05	2.14E+05	3.01E+05	1.56E+05	
3.79E+06	2.84E+06	4.12E+06	2.84E+06	2.30E+06	3.20E+06	5.23E+06	5.48E+06	3.84E+06	
2.96E+04	1.21E+04	3.26E+04	2.08E+04	1.83E+04	2.82E+04	2.27E+04	2.71E+04	2.85E+04	
5.02E+04	4.00E+04	3.34E+04	2.73E+04	2.97E+04	5.24E+04	4.48E+04	5.67E+04	3.72E+04	
4.22E+06	3.29E+06	4.00E+06	3.23E+06	3.10E+06	3.41E+06	3.75E+06	3.87E+06	3.36E+06	
1.40E+04	9.50E+03	1.01E+04	7.65E+03	8.20E+03	1.71E+04	1.43E+04	2.22E+04	1.44E+04	
9.00E+00	9.00E+00	9.00E+00	6.78E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.45E+04	2.31E+04	9.84E+04	8.34E+04	5.48E+04	6.69E+04	1.35E+05	1.28E+05	3.51E+04	
8.42E+04	4.71E+04	9.60E+04	8.32E+04	5.85E+04	7.85E+04	1.34E+05	1.29E+05	1.03E+05	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.00E+03	9.00E+00	7.71E+03	7.65E+03	3.66E+03	1.23E+03	9.00E+00	9.00E+00	6.46E+03	
9.00E+00	3.45E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.17E+03	9.00E+00	1.19E+03	1.43E+03	2.35E+03	7.06E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.14E+04	2.09E+04	2.00E+04	2.53E+04	3.43E+04	2.53E+04	2.70E+04	3.36E+04	2.86E+04	
3.59E+05	2.74E+05	3.39E+05	2.58E+05	2.53E+05	3.00E+05	3.16E+05	3.52E+05	2.76E+05	
7.25E+04	6.52E+04	8.15E+04	7.74E+04	8.49E+04	9.86E+04	6.67E+04	7.74E+04	7.01E+04	
5.68E+03	8.08E+03	8.15E+03	4.02E+03	6.47E+03	9.69E+03	8.92E+03	2.83E+03	8.15E+03	

9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	1.10E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	1.42E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.61E+06	2.70E+06	3.44E+06	2.96E+06	3.07E+06	3.23E+06	3.05E+06	3.26E+06	2.62E+06	
3.32E+06	2.26E+06	4.25E+06	2.81E+06	3.45E+06	3.00E+06	5.68E+06	5.30E+06	3.52E+06	
2.06E+05	2.24E+05	3.12E+05	2.42E+05	2.42E+05	2.71E+05	3.45E+05	3.92E+05	2.65E+05	
3.16E+05	2.64E+05	6.20E+05	3.81E+05	3.89E+05	3.21E+05	5.29E+05	8.35E+05	4.70E+05	
6.97E+04	7.64E+04	1.01E+05	8.42E+04	8.69E+04	8.70E+04	1.54E+05	1.65E+05	8.86E+04	
1.57E+05	1.46E+05	2.23E+05	1.19E+05	1.45E+05	1.42E+05	3.93E+05	4.22E+05	2.20E+05	
1.17E+07	7.95E+06	1.27E+07	9.16E+06	9.05E+06	9.83E+06	1.67E+07	1.94E+07	1.20E+07	
2.24E+04	4.46E+04	6.93E+04	2.47E+04	2.75E+04	5.16E+04	2.84E+04	5.49E+04	2.00E+04	
7.07E+05	4.88E+05	8.45E+05	5.53E+05	4.89E+05	4.94E+05	1.04E+06	1.21E+06	5.13E+05	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.51E+04	7.58E+04	3.66E+04	
4.09E+06	3.16E+06	4.22E+06	3.84E+06	3.18E+06	3.71E+06	4.47E+06	5.45E+06	4.20E+06	
1.54E+06	9.64E+05	1.60E+06	1.20E+06	9.91E+05	1.29E+06	2.57E+06	3.18E+06	1.98E+06	
8.40E+04	1.09E+05	1.05E+05	1.00E+05	1.40E+05	1.59E+05	1.30E+05	1.02E+05	1.07E+05	
4.89E+04	5.55E+04	1.40E+05	4.62E+04	8.75E+04	6.33E+04	1.17E+05	1.28E+05	6.71E+04	
2.96E+05	1.79E+05	4.27E+05	2.52E+05	2.43E+05	1.88E+05	4.35E+05	7.56E+05	3.21E+05	
1.41E+04	1.18E+04	1.86E+04	1.01E+04	6.43E+03	1.44E+04	2.94E+04	3.83E+04	8.28E+03	
3.76E+04	3.27E+04	3.84E+04	1.69E+04	1.84E+04	2.48E+04	7.02E+04	8.50E+04	4.93E+04	
2.66E+06	1.94E+06	2.63E+06	2.17E+06	2.13E+06	2.45E+06	2.86E+06	3.15E+06	2.43E+06	
1.16E+04	1.15E+04	2.39E+04	1.38E+04	1.50E+04	1.00E+04	3.60E+03	1.73E+04	1.14E+04	
7.85E+04	5.78E+04	1.44E+05	6.66E+04	5.69E+04	8.06E+04	1.82E+05	2.10E+05	9.39E+04	
9.98E+04	4.98E+04	7.47E+04	6.28E+04	5.75E+04	6.20E+04	1.27E+05	1.51E+05	6.26E+04	
1.17E+06	1.09E+06	1.22E+06	1.11E+06	1.03E+06	1.16E+06	1.09E+06	1.09E+06	1.15E+06	
4.31E+04	2.43E+04	3.60E+04	4.80E+04	3.99E+04	2.97E+04	1.19E+05	2.16E+05	8.54E+04	
5.69E+04	3.11E+04	7.89E+04	4.38E+04	2.74E+04	5.29E+04	1.38E+05	2.03E+05	9.66E+04	
6.55E+04	6.45E+04	7.96E+04	1.01E+05	1.08E+05	1.06E+05	8.04E+04	4.45E+04	8.01E+04	
1.46E+04	3.99E+03	3.21E+03	1.45E+04	1.60E+03	2.12E+04	5.64E+03	8.01E+02	7.25E+03	
9.92E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.89E+03	8.15E+03	4.55E+03	1.43E+04	4.97E+03	
2.50E+03	4.47E+03	1.61E+03	8.25E+02	2.52E+03	6.00E+03	9.00E+00	9.00E+00	9.00E+00	
2.90E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.00E+03	9.00E+00	9.00E+00	2.91E+03	
2.41E+04	3.48E+04	1.63E+04	2.68E+04	1.66E+04	2.90E+04	1.42E+04	1.33E+04	2.31E+04	
1.17E+03	9.00E+00	1.59E+03	9.00E+00	9.00E+00	9.00E+00	2.43E+03	2.00E+03	9.00E+00	
9.00E+00	9.00E+00	3.82E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
1.04E+05	7.55E+04	9.08E+04	9.38E+04	1.08E+05	1.71E+05	5.36E+04	4.53E+04	6.49E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
8.90E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
2.88E+04	2.10E+04	1.86E+04	3.86E+04	2.47E+04	3.08E+04	3.12E+04	3.16E+04	2.67E+04	
2.14E+04	2.88E+04	1.91E+04	1.66E+04	1.75E+04	1.63E+04	2.52E+04	2.61E+04	2.17E+04	
9.00E+00	1.39E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
4.51E+04	4.65E+04	4.23E+04	4.52E+04	3.03E+04	3.32E+04	3.54E+04	4.39E+04	2.93E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.42E+03	5.75E+03	9.00E+00	9.00E+00	9.00E+00	
3.13E+05	2.91E+05	2.62E+05	3.27E+05	2.74E+05	2.90E+05	2.84E+05	2.55E+05	2.76E+05	
5.98E+04	3.75E+04	7.52E+04	1.59E+04	7.95E+04	7.40E+04	9.00E+00	9.00E+00	9.00E+00	
2.21E+04	1.84E+04	2.69E+04	2.05E+04	1.11E+04	1.38E+04	2.16E+04	4.24E+04	1.88E+04	
5.08E+04	3.46E+04	1.01E+05	4.52E+04	5.82E+04	6.73E+04	1.57E+05	2.21E+05	1.26E+05	
1.57E+04	1.22E+04	1.87E+04	2.33E+04	1.63E+04	5.65E+03	5.22E+04	5.69E+04	4.57E+04	
3.85E+04	2.44E+04	3.72E+04	3.77E+04	3.22E+04	3.60E+04	1.68E+05	1.85E+05	8.24E+04	
2.79E+04	2.18E+04	4.26E+04	1.98E+04	3.57E+04	4.65E+04	3.53E+04	4.22E+04	4.05E+04	

9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.86E+04	2.64E+04	4.97E+04	3.21E+04	4.39E+04	2.18E+04	4.55E+04	8.74E+04	4.06E+04	
6.50E+04	6.72E+04	9.19E+04	7.50E+04	4.31E+04	7.64E+04	5.27E+04	3.94E+04	6.83E+04	
1.68E+04	1.63E+04	5.11E+04	3.78E+04	2.27E+04	2.54E+04	5.94E+04	3.09E+04	3.87E+04	
8.52E+03	1.91E+04	9.00E+00	1.92E+04	1.85E+04	1.65E+04	2.09E+04	1.35E+04	1.12E+04	
2.05E+04	1.98E+04	4.04E+04	2.92E+04	2.87E+04	1.29E+04	4.63E+04	6.74E+04	3.46E+04	
4.39E+06	5.47E+06	5.75E+06	4.96E+06	4.44E+06	4.45E+06	5.57E+06	5.04E+06	4.52E+06	
3.04E+04	3.12E+04	6.48E+04	5.16E+04	4.62E+04	4.11E+04	8.47E+04	7.54E+04	4.36E+04	
8.07E+05	7.91E+05	9.31E+05	1.06E+06	9.15E+05	7.71E+05	6.46E+05	7.43E+05	6.25E+05	
2.01E+06	2.45E+06	2.76E+06	2.78E+06	1.52E+06	2.20E+06	2.34E+06	1.77E+06	2.22E+06	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
3.27E+06	2.46E+06	2.90E+06	2.77E+06	1.76E+06	2.83E+06	2.68E+06	2.21E+06	2.77E+06	
2.80E+05	1.07E+05	2.93E+05	9.32E+04	2.91E+05	1.01E+05	3.10E+05	3.19E+05	3.11E+05	
4.06E+05	4.18E+05	4.75E+05	4.09E+05	4.26E+05	4.06E+05	3.61E+05	4.06E+05	4.62E+05	
3.13E+05	4.95E+05	3.46E+05	3.61E+05	3.53E+05	3.26E+05	4.81E+05	3.90E+05	3.69E+05	
6.14E+06	8.36E+06	9.46E+06	7.13E+06	8.49E+06	1.09E+07	9.71E+06	1.00E+07	8.80E+06	
1.38E+07	1.12E+07	1.50E+07	1.52E+07	1.23E+07	1.11E+07	1.34E+07	1.35E+07	1.29E+07	
8.06E+05	9.10E+05	9.37E+05	8.17E+05	9.89E+05	1.04E+06	9.53E+05	8.33E+05	9.12E+05	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
1.42E+06	1.57E+06	1.77E+06	1.62E+06	1.39E+06	2.06E+06	1.60E+06	1.98E+06	1.43E+06	
9.00E+00	9.00E+00	3.15E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.93E+05	
2.04E+06	1.83E+06	1.89E+06	1.97E+06	1.56E+06	1.88E+06	1.89E+06	1.85E+06	1.94E+06	
1.42E+06	9.92E+05	1.38E+06	1.09E+06	1.38E+06	1.32E+06	1.22E+06	1.42E+06	1.43E+06	
4.07E+05	4.05E+05	4.63E+05	4.46E+05	4.60E+05	4.88E+05	4.09E+05	4.61E+05	4.99E+05	
2.77E+05	3.27E+05	2.94E+05	2.69E+05	2.10E+05	2.70E+05	2.00E+05	2.70E+05	2.54E+05	
2.81E+07	2.73E+07	2.67E+07	2.57E+07	2.64E+07	2.84E+07	2.42E+07	2.79E+07	2.70E+07	
4.84E+04	7.06E+04	9.32E+04	5.20E+04	6.97E+04	6.46E+04	5.95E+04	5.96E+04	4.89E+04	
8.77E+05	9.76E+05	8.17E+05	1.19E+06	1.02E+06	1.12E+06	7.84E+05	9.92E+05	8.64E+05	
4.35E+05	3.93E+05	4.37E+05	4.03E+05	4.23E+05	3.80E+05	4.25E+05	5.64E+05	4.90E+05	
1.51E+05	3.79E+04	1.74E+05	1.44E+05	1.65E+05	1.85E+05	1.60E+05	1.91E+05	1.73E+05	
4.20E+06	3.71E+06	4.25E+06	4.26E+06	3.84E+06	3.95E+06	4.44E+06	4.43E+06	3.96E+06	
2.47E+05	3.11E+05	3.04E+05	2.31E+05	2.89E+05	2.73E+05	2.42E+05	2.72E+05	2.52E+05	
5.84E+06	5.11E+06	5.97E+06	5.39E+06	5.97E+06	6.13E+06	4.73E+06	5.35E+06	5.29E+06	
8.41E+05	6.74E+05	6.73E+05	6.86E+05	6.96E+05	5.56E+05	7.10E+05	6.89E+05	6.74E+05	
4.92E+05	4.88E+05	5.14E+05	4.29E+05	4.11E+05	4.64E+05	4.55E+05	5.37E+05	4.83E+05	
4.56E+05	4.67E+05	4.97E+05	4.39E+05	5.32E+05	4.78E+05	4.55E+05	5.33E+05	4.91E+05	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
3.54E+04	9.13E+04	1.05E+05	7.48E+04	8.05E+04	1.09E+05	6.66E+04	1.27E+05	7.70E+04	
2.73E+04	3.05E+04	3.53E+04	2.05E+04	2.12E+04	4.00E+04	2.49E+04	2.10E+04	4.26E+04	
1.65E+05	1.47E+05	2.12E+05	1.61E+05	1.41E+05	1.79E+05	1.50E+05	2.55E+05	1.85E+05	
3.34E+04	2.03E+04	3.07E+04	2.85E+04	2.02E+04	2.00E+04	2.07E+04	2.31E+04	1.72E+04	
1.45E+04	1.77E+04	3.51E+04	1.70E+04	2.22E+04	1.88E+04	1.45E+04	3.09E+04	1.63E+04	
8.06E+03	7.68E+03	2.25E+04	2.31E+03	6.67E+03	1.19E+04	1.41E+04	1.40E+04	1.49E+04	
2.43E+04	1.72E+04	3.82E+04	2.80E+04	2.86E+04	2.16E+04	3.58E+04	6.51E+04	3.33E+04	
6.43E+04	4.09E+04	7.97E+04	4.28E+04	4.40E+04	5.54E+04	1.14E+05	1.43E+05	7.36E+04	
5.01E+03	6.59E+03	2.31E+03	9.25E+03	5.06E+03	3.87E+03	7.00E+03	1.08E+04	8.14E+03	
9.00E+00	3.23E+03	1.17E+03	2.00E+03	7.99E+03	2.04E+03	1.24E+03	2.02E+03	3.20E+03	
4.84E+04	5.52E+04	5.05E+04	4.68E+04	4.62E+04	5.77E+04	3.36E+04	3.49E+04	3.23E+04	
1.42E+04	1.10E+04	1.04E+04	2.28E+04	1.28E+04	1.59E+04	1.57E+04	2.00E+04	1.75E+04	
4.14E+05	4.25E+05	8.29E+05	4.30E+05	5.44E+05	5.27E+05	5.17E+05	9.40E+05	4.12E+05	
3.17E+04	1.71E+04	3.61E+04	2.40E+04	3.10E+04	1.81E+04	4.61E+04	3.89E+04	1.08E+04	

5.52E+04	2.98E+04	1.18E+05	6.41E+04	5.14E+04	4.88E+04	8.79E+04	1.38E+05	7.65E+04
8.61E+06	6.22E+06	1.05E+07	7.25E+06	7.77E+06	7.59E+06	1.26E+07	1.95E+07	1.29E+07
4.26E+06	3.36E+06	4.69E+06	4.04E+06	4.11E+06	3.73E+06	4.74E+06	4.97E+06	4.15E+06
2.06E+06	1.42E+06	3.35E+06	2.03E+06	1.84E+06	1.49E+06	3.25E+06	5.80E+06	2.27E+06
1.42E+07	1.24E+07	1.44E+07	1.39E+07	1.38E+07	1.26E+07	1.01E+07	9.10E+06	8.28E+06
1.37E+04	8.82E+03	2.64E+04	9.43E+03	1.19E+04	9.44E+03	1.19E+04	3.03E+04	1.35E+04
3.47E+06	3.04E+06	5.35E+06	4.67E+06	3.39E+06	3.28E+06	6.85E+06	1.26E+07	6.63E+06
3.29E+07	3.12E+07	3.00E+07	3.05E+07	3.30E+07	3.07E+07	2.88E+07	3.20E+07	2.69E+07
4.99E+03	1.52E+04	8.66E+03	1.26E+04	5.60E+03	8.69E+03	9.41E+03	4.53E+03	5.80E+03
2.45E+06	2.02E+06	3.26E+06	2.52E+06	2.26E+06	2.31E+06	5.33E+06	7.89E+06	4.41E+06
6.22E+04	4.56E+04	6.04E+04	6.76E+04	6.29E+04	5.72E+04	4.39E+04	6.72E+04	4.75E+04
3.87E+06	2.90E+06	5.41E+06	4.22E+06	4.54E+06	4.41E+06	1.23E+07	2.13E+07	1.57E+07
1.82E+07	1.69E+07	1.50E+07	1.82E+07	1.69E+07	1.68E+07	1.86E+07	1.96E+07	1.84E+07
1.39E+05	1.37E+05	1.97E+05	1.46E+05	1.90E+05	1.28E+05	4.97E+05	7.13E+05	4.04E+05
4.83E+04	2.23E+04	4.34E+04	2.45E+04	3.66E+04	2.64E+04	2.81E+04	5.48E+04	6.43E+04
2.64E+04	1.57E+04	2.68E+04	1.58E+04	2.85E+04	1.63E+04	7.26E+04	1.11E+05	6.39E+04
9.00E+00	1.54E+03	2.92E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.07E+06	8.78E+05	9.41E+05	9.27E+05	1.15E+06	8.79E+05	1.73E+06	1.67E+06	1.54E+06
3.20E+05	2.60E+05	4.44E+05	3.56E+05	3.97E+05	2.78E+05	4.25E+05	5.34E+05	3.58E+05
5.21E+05	3.50E+05	6.12E+05	4.90E+05	4.80E+05	4.32E+05	8.67E+05	1.27E+06	7.80E+05
3.18E+05	2.92E+05	3.71E+05	3.32E+05	2.91E+05	2.99E+05	8.72E+05	1.15E+06	8.06E+05
1.08E+06	8.43E+05	1.27E+06	1.05E+06	1.04E+06	9.47E+05	2.27E+06	3.41E+06	2.55E+06
9.68E+03	8.44E+03	1.20E+04	1.11E+04	1.25E+04	9.36E+03	1.20E+04	2.12E+04	1.19E+04
1.55E+04	1.51E+04	1.78E+04	9.24E+03	1.25E+04	8.42E+03	9.00E+00	1.21E+04	1.82E+04
1.49E+05	9.90E+04	1.33E+05	9.58E+04	8.67E+04	1.28E+05	1.14E+05	8.65E+04	8.78E+04
6.57E+03	5.32E+03	6.38E+03	8.50E+03	5.77E+03	7.67E+03	8.20E+03	5.92E+03	6.99E+03
6.43E+04	4.31E+04	5.03E+04	5.11E+04	4.24E+04	4.92E+04	4.06E+04	3.46E+04	4.95E+04
1.39E+06	1.02E+06	1.21E+06	1.09E+06	1.11E+06	1.14E+06	1.04E+06	7.21E+05	8.03E+05
7.07E+03	5.63E+03	5.77E+03	7.00E+03	5.39E+03	7.24E+03	1.06E+04	9.73E+03	9.91E+03
2.36E+05	1.73E+05	3.18E+05	2.63E+05	1.92E+05	2.05E+05	2.85E+05	6.00E+05	2.50E+05
1.92E+04	1.07E+04	9.56E+03	8.07E+03	6.60E+03	4.93E+03	9.00E+00	9.00E+00	9.00E+00
4.87E+03	1.50E+03	1.80E+03	1.89E+03	8.86E+02	5.52E+03	6.04E+03	9.00E+00	9.00E+00
9.00E+00	9.00E+00	3.09E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.78E+03	9.00E+00
8.42E+04	7.49E+04	8.55E+04	7.81E+04	6.24E+04	9.05E+04	7.14E+04	5.76E+04	6.77E+04
1.16E+05	9.31E+04	1.02E+05	8.18E+04	8.70E+04	9.30E+04	7.49E+04	9.92E+04	1.83E+04
2.23E+06	1.59E+06	1.96E+06	1.81E+06	1.60E+06	1.96E+06	1.72E+06	1.25E+06	1.53E+06
3.50E+04	3.75E+04	4.11E+04	4.95E+04	4.09E+04	3.00E+04	3.52E+04	2.90E+04	3.74E+04
7.22E+05	8.90E+05	1.17E+06	6.04E+05	8.25E+05	7.86E+05	1.30E+06	2.23E+06	1.41E+06
1.68E+05	1.55E+05	1.60E+05	1.18E+05	1.45E+05	1.31E+05	1.40E+05	1.67E+05	1.44E+05
1.24E+05	1.50E+05	1.25E+05	1.01E+05	1.01E+05	1.25E+05	9.64E+04	5.45E+04	7.34E+04
9.69E+04	1.09E+05	1.03E+05	9.42E+04	6.32E+04	1.06E+05	9.66E+04	8.13E+04	6.68E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	5.73E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.96E+02
1.67E+04	1.61E+04	3.01E+04	1.98E+04	2.30E+04	1.65E+04	3.35E+04	5.83E+04	4.20E+04
5.18E+05	3.03E+05	4.41E+05	3.08E+05	2.11E+05	3.33E+05	3.10E+05	7.54E+05	4.77E+05
7.90E+06	7.62E+06	9.13E+06	7.23E+06	7.73E+06	8.00E+06	8.65E+06	1.45E+07	1.06E+07
2.56E+05	3.27E+05	3.80E+05	2.76E+05	3.21E+05	3.78E+05	4.68E+05	4.98E+05	5.00E+05
5.90E+05	4.90E+05	7.57E+05	7.10E+05	5.27E+05	5.38E+05	9.54E+05	1.16E+06	8.17E+05
6.21E+05	7.31E+05	7.73E+05	7.75E+05	7.64E+05	7.91E+05	6.28E+05	8.85E+05	6.62E+05
3.52E+04	3.89E+04	4.40E+04	5.36E+04	7.25E+04	8.46E+04	5.80E+04	7.15E+04	1.76E+04
2.20E+05	2.29E+05	2.85E+05	2.63E+05	2.76E+05	2.40E+05	2.54E+05	3.11E+05	2.06E+05
1.17E+05	2.01E+05	2.26E+05	2.39E+05	1.79E+05	2.23E+05	1.59E+05	2.44E+05	2.41E+05
3.24E+03	3.37E+03	4.53E+03	1.39E+03	7.92E+02	1.98E+03	1.19E+03	3.37E+03	2.58E+03

5.87E+04	1.04E+05	1.29E+05	9.30E+04	7.87E+04	7.71E+04	8.72E+04	1.23E+05	5.96E+04
7.84E+02	2.37E+03	3.93E+03	1.98E+03	1.97E+03	2.76E+03	1.17E+03	1.97E+03	1.15E+03
5.37E+04	6.47E+04	3.50E+04	5.23E+04	6.00E+04	5.55E+04	5.84E+04	4.53E+04	6.13E+04
6.97E+04	6.43E+04	8.15E+04	1.00E+05	8.34E+04	9.27E+04	7.85E+04	9.09E+04	3.29E+04
6.81E+04	5.56E+04	8.49E+04	6.43E+04	6.06E+04	6.69E+04	7.00E+04	1.07E+05	8.20E+04
3.20E+04	6.09E+04	6.02E+04	2.42E+04	1.82E+04	2.75E+04	5.49E+04	3.44E+04	4.82E+04
1.29E+05	1.61E+05	1.91E+05	2.18E+05	1.56E+05	1.48E+05	1.62E+05	2.46E+05	1.58E+05
2.42E+04	3.59E+04	2.19E+04	3.60E+04	4.09E+04	3.68E+04	4.65E+04	8.33E+04	2.87E+04
9.00E+00	9.00E+00	1.84E+04	9.00E+00	9.00E+00	1.91E+04	1.32E+04	2.67E+04	1.39E+04
5.39E+03	1.05E+04	7.50E+03	2.66E+03	7.74E+03	6.33E+03	8.00E+03	7.12E+03	6.14E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.10E+03	9.72E+03	1.02E+04	5.84E+03	6.04E+03	8.93E+03	1.02E+04	1.87E+04	1.19E+04
9.00E+00	1.42E+04	1.02E+04	6.82E+03	7.21E+03	8.96E+03	1.02E+04	1.75E+04	1.08E+04
2.85E+03	2.60E+03	2.60E+03	1.75E+03	1.74E+03	3.46E+03	2.51E+03	3.46E+03	3.06E+03
2.01E+05	1.86E+05	2.97E+05	1.80E+05	1.82E+05	2.25E+05	1.82E+05	2.38E+05	2.52E+05
2.46E+06	2.89E+06	2.76E+06	2.21E+06	2.41E+06	2.69E+06	2.83E+06	3.67E+06	3.22E+06
1.09E+06	1.32E+06	1.98E+06	1.18E+06	1.03E+06	1.43E+06	1.23E+06	1.54E+06	1.37E+06
4.38E+04	4.87E+04	6.35E+04	3.79E+04	4.47E+04	4.71E+04	5.64E+04	7.28E+04	4.17E+04
2.36E+06	2.45E+06	2.48E+06	2.09E+06	2.30E+06	2.35E+06	2.85E+06	3.24E+06	3.08E+06
8.00E+04	1.15E+05	1.40E+05	9.61E+04	1.10E+05	1.36E+05	8.75E+04	1.05E+05	9.76E+04
2.66E+04	5.45E+04	5.44E+04	2.78E+04	3.04E+04	4.66E+04	3.81E+04	5.18E+04	3.16E+04
6.11E+04	7.16E+04	1.03E+05	4.86E+04	5.26E+04	5.81E+04	1.26E+05	2.13E+05	1.08E+05
1.52E+06	1.56E+06	1.95E+06	1.24E+06	1.34E+06	1.37E+06	2.37E+06	2.88E+06	2.49E+06
5.05E+05	5.66E+05	6.83E+05	5.45E+05	5.78E+05	6.24E+05	6.19E+05	7.16E+05	6.49E+05
5.54E+04	4.60E+04	7.10E+04	3.75E+04	5.15E+04	5.08E+04	1.15E+05	1.45E+05	1.09E+05
5.97E+06	5.40E+06	5.47E+06	4.62E+06	4.67E+06	5.24E+06	6.43E+06	6.87E+06	6.39E+06
3.55E+06	3.46E+06	3.85E+06	3.25E+06	3.16E+06	3.57E+06	4.05E+06	4.45E+06	4.43E+06
4.14E+05	5.10E+05	5.69E+05	4.07E+05	3.95E+05	8.84E+05	4.39E+05	4.85E+05	5.02E+05
1.98E+05	2.70E+05	4.51E+05	2.57E+05	2.35E+05	3.37E+05	2.18E+05	2.51E+05	2.85E+05
1.23E+06	1.46E+06	1.48E+06	1.32E+06	1.22E+06	1.27E+06	1.20E+06	1.42E+06	1.14E+06
4.50E+06	4.14E+06	3.65E+06	4.21E+06	3.61E+06	5.21E+06	4.52E+06	5.98E+06	5.91E+06
3.00E+04	4.70E+04	4.60E+04	3.87E+04	3.46E+04	5.16E+04	2.93E+04	4.42E+04	4.24E+04
3.23E+03	6.56E+03	8.48E+03	3.38E+03	4.75E+03	9.50E+03	5.33E+03	9.27E+03	1.09E+04
1.24E+06	1.43E+06	2.26E+06	1.46E+06	1.23E+06	1.63E+06	1.31E+06	1.79E+06	1.54E+06
2.19E+05	2.43E+05	3.53E+05	2.07E+05	2.20E+05	2.87E+05	2.95E+05	3.19E+05	3.25E+05
3.92E+05	5.13E+05	5.29E+05	4.57E+05	3.51E+05	4.44E+05	4.05E+05	5.34E+05	4.11E+05
4.24E+05	6.14E+05	6.55E+05	5.09E+05	2.60E+05	3.31E+05	6.74E+05	5.21E+05	5.64E+05
7.08E+04	1.15E+05	1.13E+05	8.24E+04	8.91E+04	1.26E+05	8.24E+04	1.00E+05	9.71E+04
1.61E+05	2.61E+05	3.56E+05	1.90E+05	1.86E+05	3.99E+05	1.98E+05	2.39E+05	2.55E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.02E+03	1.53E+03	3.05E+03	6.84E+03
1.19E+05	1.87E+05	1.98E+05	1.31E+05	1.16E+05	1.61E+05	1.54E+05	2.12E+05	1.24E+05
9.49E+04	9.65E+04	1.56E+05	1.05E+05	1.01E+05	1.22E+05	1.25E+05	1.50E+05	1.22E+05
1.05E+05	1.41E+05	2.13E+05	9.87E+04	8.50E+04	1.24E+05	1.92E+05	3.04E+05	1.38E+05
2.41E+06	2.52E+06	3.22E+06	2.27E+06	2.17E+06	2.59E+06	3.21E+06	3.82E+06	3.23E+06
7.00E+05	8.27E+05	1.01E+06	6.68E+05	7.28E+05	8.70E+05	7.25E+05	7.99E+05	8.19E+05
3.26E+06	3.09E+06	3.93E+06	2.28E+06	3.10E+06	3.14E+06	4.05E+06	4.61E+06	4.53E+06
2.76E+06	2.57E+06	2.59E+06	2.29E+06	2.33E+06	2.47E+06	3.18E+06	3.39E+06	3.11E+06
6.13E+05	9.67E+05	1.16E+06	5.55E+05	5.45E+05	1.07E+06	5.30E+05	7.86E+05	6.94E+05
2.67E+04	3.66E+04	6.33E+04	2.14E+04	2.55E+04	2.78E+04	5.25E+04	8.49E+04	4.92E+04
5.57E+04	5.06E+04	8.05E+04	4.96E+04	4.61E+04	5.76E+04	8.69E+04	1.18E+05	7.22E+04
1.29E+04	8.72E+03	4.14E+04	3.28E+04	5.20E+03	2.27E+04	2.92E+04	1.62E+04	3.34E+04
8.43E+05	6.88E+05	1.15E+06	5.78E+05	6.20E+05	6.52E+05	7.62E+05	8.17E+05	7.27E+05
4.32E+05	5.28E+05	4.84E+05	3.44E+05	4.20E+05	4.68E+05	5.03E+05	5.82E+05	5.44E+05
2.49E+07	2.40E+07	2.65E+07	2.17E+07	2.19E+07	2.48E+07	2.78E+07	3.18E+07	3.05E+07

1.68E+04	9.74E+03	3.44E+04	1.01E+04	2.12E+04	3.56E+04	5.24E+04	1.10E+05	3.60E+04
2.30E+04	2.67E+04	4.75E+04	2.40E+04	1.97E+04	2.30E+04	4.01E+04	7.83E+04	5.06E+04
9.00E+00	9.00E+00	9.00E+00	2.20E+03	9.00E+00	9.00E+00	9.00E+00	5.23E+03	5.38E+03
1.02E+04	5.37E+03	8.86E+03	2.43E+03	6.05E+03	1.25E+04	3.84E+04	5.13E+04	2.55E+04
3.96E+03	1.05E+04	1.60E+04	6.31E+03	2.97E+03	1.48E+04	4.67E+03	5.73E+03	1.14E+04
9.00E+00	9.00E+00	4.80E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.57E+05	8.97E+05	9.50E+05	4.40E+05	4.49E+05	9.73E+05	5.76E+05	7.59E+05	7.77E+05
2.76E+05	4.59E+05	3.86E+05	2.63E+05	2.79E+05	3.14E+05	3.73E+05	4.65E+05	3.95E+05
1.51E+05	2.39E+05	2.81E+05	1.32E+05	1.44E+05	2.71E+05	1.92E+05	2.63E+05	2.45E+05
3.14E+05	4.78E+05	5.71E+05	3.00E+05	2.89E+05	4.86E+05	4.22E+05	5.48E+05	5.37E+05
4.74E+03	1.12E+04	1.48E+04	3.41E+03	7.10E+03	1.13E+04	5.75E+03	6.90E+03	5.63E+03
9.16E+03	1.21E+04	1.57E+04	7.28E+03	8.11E+03	1.25E+04	1.41E+04	1.96E+04	1.76E+04
4.80E+03	8.84E+03	9.89E+03	4.66E+03	3.86E+03	9.69E+03	7.35E+03	7.21E+03	1.06E+04
9.00E+00	9.00E+00	4.41E+03	9.00E+00	1.55E+03	9.00E+00	9.00E+00	1.01E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.69E+03	9.00E+00	9.00E+00	9.00E+00
1.03E+03	5.52E+03	4.20E+03	2.49E+03	2.05E+03	7.16E+03	5.01E+03	6.21E+03	7.75E+03
4.94E+03	5.51E+03	7.29E+03	4.75E+03	3.62E+03	4.69E+03	6.41E+03	1.08E+04	5.84E+03
9.00E+00	1.32E+03	1.45E+03	1.07E+03	6.61E+02	1.28E+03	9.00E+00	9.00E+00	1.20E+03
2.93E+03	1.95E+03	7.77E+03	1.46E+03	1.48E+03	7.77E+03	9.00E+00	1.47E+03	2.92E+03
1.23E+03	9.00E+00	3.20E+03	2.45E+03	7.39E+02	4.39E+03	1.26E+03	1.60E+03	9.00E+00
4.05E+05	5.69E+05	4.47E+05	3.38E+05	4.30E+05	4.46E+05	6.12E+05	7.21E+05	7.34E+05
6.06E+06	7.38E+06	8.13E+06	5.95E+06	5.07E+06	7.75E+06	6.61E+06	8.82E+06	7.45E+06
4.34E+06	4.47E+06	4.96E+06	3.97E+06	3.98E+06	4.03E+06	5.90E+06	6.77E+06	6.37E+06
1.65E+05	2.53E+05	3.29E+05	2.08E+05	2.04E+05	3.46E+05	2.16E+05	2.45E+05	2.67E+05
9.77E+05	1.14E+06	1.35E+06	9.77E+05	9.32E+05	1.09E+06	1.78E+06	1.94E+06	1.96E+06
5.11E+04	5.81E+04	6.56E+04	5.92E+04	5.22E+04	5.38E+04	8.74E+04	9.50E+04	1.04E+05
3.32E+05	3.68E+05	4.26E+05	3.05E+05	3.40E+05	3.53E+05	4.94E+05	5.66E+05	5.02E+05
3.71E+05	5.11E+05	4.72E+05	2.73E+05	3.11E+05	5.09E+05	4.79E+05	3.48E+05	5.87E+05
1.15E+06	1.36E+06	1.79E+06	1.03E+06	9.86E+05	1.49E+06	1.08E+06	1.67E+06	1.41E+06
1.71E+04	3.01E+04	2.94E+04	2.41E+04	2.30E+04	4.36E+04	1.74E+04	3.02E+04	3.53E+04
3.08E+04	2.72E+04	6.07E+04	3.30E+04	2.32E+04	4.54E+04	3.23E+04	4.79E+04	3.87E+04
2.42E+03	7.71E+03	1.20E+04	9.00E+00	2.38E+03	1.05E+04	9.00E+00	9.00E+00	9.00E+00
5.91E+06	7.13E+06	8.03E+06	6.01E+06	5.06E+06	7.73E+06	6.43E+06	8.66E+06	7.16E+06
1.13E+06	1.27E+06	2.08E+06	1.46E+06	1.37E+06	1.92E+06	1.45E+06	2.00E+06	1.89E+06
4.15E+04	5.13E+04	8.68E+04	4.93E+04	5.08E+04	1.01E+05	6.02E+04	5.63E+04	6.65E+04
6.13E+03	1.03E+04	1.37E+04	6.29E+03	5.42E+03	1.29E+04	9.00E+00	4.10E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.44E+03	7.69E+03	1.20E+04	7.74E+03	7.41E+03	1.27E+04	1.02E+04	1.16E+04	9.04E+03
1.02E+05	1.39E+05	1.78E+05	3.98E+04	9.16E+04	1.65E+05	1.65E+05	1.99E+05	1.35E+05
6.82E+04	9.34E+04	1.15E+05	7.67E+04	6.87E+04	9.43E+04	1.21E+05	1.36E+05	1.26E+05
3.23E+05	3.49E+05	3.87E+05	2.87E+05	3.37E+05	3.70E+05	5.27E+05	5.87E+05	5.28E+05
7.09E+06	7.01E+06	7.80E+06	6.70E+06	6.68E+06	7.66E+06	9.61E+06	9.86E+06	9.31E+06
5.00E+04	8.27E+04	8.75E+04	4.38E+04	4.48E+04	9.77E+04	4.90E+04	6.27E+04	6.29E+04
1.85E+04	3.27E+04	3.23E+04	2.32E+04	2.36E+04	1.97E+04	3.29E+04	4.79E+04	3.62E+04
2.34E+04	3.05E+04	3.90E+04	2.38E+04	2.17E+04	3.00E+04	4.82E+04	5.56E+04	5.32E+04
4.05E+05	3.43E+05	3.87E+05	3.32E+05	3.16E+05	3.51E+05	4.19E+05	4.61E+05	4.48E+05
5.57E+06	5.58E+06	5.30E+06	4.83E+06	5.23E+06	5.07E+06	6.08E+06	6.69E+06	6.64E+06
4.59E+05	4.12E+05	4.10E+05	3.54E+05	3.92E+05	4.04E+05	4.93E+05	5.43E+05	5.53E+05
2.88E+07	2.89E+07	2.82E+07	2.62E+07	2.72E+07	2.46E+07	3.45E+07	3.76E+07	3.75E+07
2.75E+05	3.86E+05	3.89E+05	2.32E+05	2.36E+05	3.45E+05	3.17E+05	4.88E+05	3.77E+05
1.10E+04	1.33E+04	1.53E+04	8.39E+03	1.22E+04	1.56E+04	1.52E+04	2.07E+04	1.84E+04
5.14E+05	5.57E+05	7.26E+05	4.76E+05	4.69E+05	6.23E+05	7.18E+05	9.92E+05	7.61E+05
3.46E+05	3.33E+05	4.98E+05	3.51E+05	3.21E+05	3.74E+05	6.06E+05	8.64E+05	5.53E+05
1.21E+04	1.69E+04	2.06E+04	1.18E+04	1.02E+04	1.34E+04	1.60E+04	2.72E+04	1.87E+04

2.72E+04	2.81E+04	2.69E+04	2.00E+04	1.96E+04	3.01E+04	2.39E+04	4.32E+04	3.27E+04
4.59E+03	7.78E+03	4.15E+03	5.84E+03	5.44E+03	9.24E+03	9.16E+03	1.37E+04	7.64E+03
1.17E+04	1.28E+04	1.35E+04	9.64E+03	8.80E+03	1.34E+04	1.33E+04	1.55E+04	1.35E+04
3.19E+04	3.31E+04	3.43E+04	2.39E+04	3.05E+04	3.56E+04	3.89E+04	3.69E+04	3.13E+04
1.94E+03	3.90E+03	2.61E+03	1.31E+04	1.48E+04	3.38E+03	9.00E+00	6.05E+03	3.87E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.12E+02	1.29E+03	5.76E+02
1.27E+03	8.25E+02	1.83E+03	6.75E+02	9.20E+02	1.98E+03	2.80E+03	3.27E+03	9.45E+02
1.60E+03	2.93E+03	2.25E+03	3.44E+03	3.57E+03	2.63E+03	5.17E+03	5.07E+03	4.22E+03
4.02E+04	3.36E+04	5.15E+04	4.25E+04	4.23E+04	4.11E+04	4.63E+04	5.40E+04	4.56E+04
5.76E+03	7.31E+03	6.79E+03	6.69E+03	5.93E+03	5.67E+03	7.30E+03	8.29E+03	7.63E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.07E+04	3.88E+04	5.34E+04	3.21E+04	2.66E+04	4.15E+04	3.83E+04	5.88E+04	4.02E+04
1.30E+03	1.30E+03	2.13E+03	1.15E+03	1.42E+03	2.14E+03	1.59E+03	2.51E+03	1.86E+03
3.09E+05	3.38E+05	3.62E+05	2.53E+05	2.44E+05	3.03E+05	2.70E+05	3.51E+05	3.00E+05
2.53E+04	1.66E+04	2.45E+04	1.78E+04	1.39E+04	2.29E+04	2.21E+04	3.09E+04	2.59E+04
9.00E+00	1.37E+03	9.00E+00	1.51E+03	9.00E+00	9.00E+00	6.77E+02	1.45E+03	1.03E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	8.58E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.67E+02
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.08E+04	1.82E+04	2.75E+04	2.48E+04	1.75E+04	2.24E+04	3.14E+04	4.07E+04	3.35E+04
5.19E+04	6.16E+04	6.09E+04	4.99E+04	5.02E+04	6.59E+04	4.58E+04	8.37E+04	5.11E+04
2.16E+04	1.88E+04	2.69E+04	2.03E+04	2.03E+04	1.96E+04	1.92E+04	3.01E+04	2.30E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.64E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.34E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.73E+03	9.00E+00
1.10E+04	8.47E+03	1.52E+04	1.00E+04	8.44E+03	1.39E+04	1.22E+04	1.42E+04	1.01E+04
9.00E+00	9.00E+00	1.55E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.42E+02	9.00E+00
1.46E+04	1.43E+04	1.18E+04	1.13E+04	1.11E+04	1.28E+04	1.42E+04	1.49E+04	1.41E+04
2.78E+05	2.83E+05	2.68E+05	2.41E+05	2.08E+05	2.41E+05	2.92E+05	3.34E+05	3.02E+05
5.28E+05	4.49E+05	5.33E+05	4.89E+05	4.86E+05	5.05E+05	4.65E+05	4.64E+05	4.60E+05
4.96E+05	4.23E+05	5.08E+05	4.37E+05	4.86E+05	4.93E+05	3.84E+05	5.13E+05	5.15E+05
1.02E+04	8.47E+03	1.05E+04	1.23E+04	8.93E+03	9.98E+03	9.91E+03	1.05E+04	7.39E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.05E+03	5.44E+03	7.18E+03	7.80E+03	9.94E+03	1.18E+04	7.00E+03	1.43E+04	6.93E+03
6.67E+04	8.16E+04	9.07E+04	9.04E+04	9.94E+04	5.81E+04	1.76E+05	2.39E+05	1.68E+05
3.65E+04	2.79E+04	4.36E+04	2.94E+04	3.48E+04	2.29E+04	9.65E+04	1.71E+05	7.48E+04
9.00E+00	1.21E+03	9.00E+00	9.00E+00	4.48E+03	9.00E+00	9.00E+00	5.67E+03	1.62E+03
9.07E+05	9.35E+05	1.11E+06	9.56E+05	7.54E+05	8.17E+05	2.03E+06	2.82E+06	1.55E+06
1.34E+05	1.09E+05	1.67E+05	1.40E+05	1.35E+05	9.10E+04	2.48E+05	3.94E+05	2.54E+05
3.52E+04	3.80E+04	3.30E+04	3.78E+04	4.58E+04	3.78E+04	3.58E+04	5.45E+04	4.22E+04
7.26E+05	5.94E+05	1.09E+06	3.86E+05	6.37E+05	3.92E+05	1.55E+06	1.90E+06	1.19E+06
8.20E+04	7.54E+04	9.71E+04	1.22E+05	7.62E+04	6.60E+04	1.66E+05	1.64E+05	1.33E+05
5.24E+04	5.38E+04	7.22E+04	6.27E+04	4.07E+04	7.76E+04	6.80E+04	6.92E+04	8.53E+04
1.01E+05	9.01E+04	1.57E+05	1.03E+05	9.62E+04	7.91E+04	1.90E+05	2.65E+05	2.10E+05
5.39E+03	5.42E+03	4.95E+03	4.53E+03	5.96E+03	3.26E+03	5.07E+03	6.31E+03	4.92E+03
5.64E+03	5.51E+03	6.50E+03	5.88E+03	6.34E+03	6.03E+03	5.31E+03	8.51E+03	6.76E+03
2.29E+05	2.37E+05	2.69E+05	2.12E+05	2.39E+05	2.00E+05	2.45E+05	2.72E+05	2.67E+05
6.43E+03	5.22E+03	7.85E+03	7.16E+03	4.23E+03	7.19E+03	6.59E+03	7.60E+03	6.28E+03
1.65E+04	1.86E+04	1.77E+04	1.61E+04	1.93E+04	1.64E+04	1.62E+04	2.06E+04	1.77E+04
2.12E+04	2.47E+04	2.18E+04	2.24E+04	1.86E+04	1.72E+04	2.41E+04	2.77E+04	2.22E+04
2.28E+05	1.59E+05	6.76E+04	1.92E+05	1.44E+05	3.54E+04	2.52E+05	2.98E+05	2.69E+05
3.28E+05	4.07E+05	4.07E+05	2.42E+05	3.45E+05	3.30E+05	4.35E+05	5.74E+05	4.59E+05
3.13E+05	7.17E+04	2.99E+05	2.52E+05	1.93E+05	2.23E+05	4.44E+05	6.45E+05	3.88E+05
2.45E+06	2.49E+06	3.11E+06	2.09E+06	2.61E+06	2.31E+06	4.33E+06	6.28E+06	4.24E+06
4.69E+05	3.37E+05	2.98E+05	3.45E+05	4.22E+05	4.33E+05	3.81E+05	4.75E+05	4.72E+05

2.80E+05	1.80E+05	2.38E+05	1.65E+05	1.74E+05	2.04E+05	3.40E+05	4.63E+05	2.51E+05
4.14E+06	4.52E+06	4.28E+06	3.12E+06	3.94E+06	3.96E+06	4.20E+06	5.36E+06	4.85E+06
2.19E+04	3.91E+04	4.26E+04	1.73E+04	3.20E+04	3.05E+04	3.07E+04	4.69E+04	3.71E+04
8.56E+05	1.58E+05	2.52E+05	2.66E+05	2.59E+05	3.80E+05	5.47E+05	1.04E+06	6.43E+05
2.29E+05	2.60E+05	2.72E+05	2.54E+05	2.68E+05	2.33E+05	3.87E+05	5.76E+05	3.81E+05
2.21E+05	2.00E+05	4.05E+05	1.53E+05	1.97E+05	2.41E+05	1.09E+05	2.39E+05	2.40E+05
1.97E+06	1.83E+06	2.59E+06	1.80E+06	2.11E+06	1.68E+06	3.19E+06	4.97E+06	2.91E+06
4.72E+06	4.22E+06	4.93E+06	3.95E+06	3.94E+06	3.43E+06	4.84E+06	6.76E+06	4.74E+06
6.49E+05	7.13E+05	6.58E+05	5.61E+05	5.14E+05	6.95E+05	7.21E+05	8.31E+05	6.80E+05
1.57E+06	1.59E+06	2.12E+06	1.47E+06	1.61E+06	1.72E+06	1.80E+06	2.10E+06	1.94E+06
2.53E+03	2.54E+03	1.96E+03	1.85E+03	2.13E+03	2.40E+03	1.88E+03	1.93E+03	2.10E+03
3.46E+05	3.76E+05	3.92E+05	3.27E+05	2.78E+05	2.36E+05	5.18E+05	7.10E+05	4.14E+05
9.00E+00	5.77E+03	9.00E+00	9.00E+00	9.00E+00	1.15E+04	9.00E+00	9.00E+00	9.00E+00
2.32E+05	1.84E+05	2.57E+05	3.25E+05	2.49E+05	2.53E+05	3.39E+05	4.42E+05	3.29E+05
6.68E+04	1.37E+05	2.34E+05	1.34E+05	1.30E+05	7.59E+04	9.00E+00	9.00E+00	1.20E+05
9.99E+03	6.64E+03	1.37E+04	1.20E+04	1.10E+04	7.80E+03	1.90E+04	3.46E+04	2.33E+04
1.33E+03	7.13E+02	7.30E+03	9.00E+00	2.67E+03	4.06E+03	6.80E+02	2.68E+03	2.00E+03
2.38E+05	1.82E+05	3.40E+05	2.60E+05	2.37E+05	2.16E+05	3.62E+05	5.26E+05	3.80E+05
6.60E+06	6.19E+06	7.48E+06	5.93E+06	5.96E+06	5.79E+06	7.34E+06	9.76E+06	6.72E+06
1.83E+04	1.41E+04	2.23E+04	1.65E+04	1.67E+04	1.62E+04	9.00E+00	9.00E+00	9.00E+00
7.00E+06	6.86E+06	8.00E+06	6.94E+06	3.87E+06	6.23E+06	8.42E+06	4.74E+06	7.95E+06
4.04E+06	4.26E+06	5.49E+06	4.21E+06	4.58E+06	4.14E+06	5.31E+06	6.87E+06	6.13E+06
1.74E+05	1.34E+05	2.35E+05	2.62E+05	1.91E+05	2.08E+05	2.64E+05	3.41E+05	3.19E+05
3.40E+05	3.14E+05	4.58E+05	3.58E+05	3.08E+05	3.55E+05	6.90E+05	9.74E+05	5.29E+05
6.15E+06	5.72E+06	6.77E+06	6.32E+06	5.14E+06	5.42E+06	6.58E+06	8.48E+06	7.24E+06
5.30E+04	5.39E+04	5.71E+04	7.10E+04	6.77E+04	4.65E+04	5.98E+04	9.78E+04	6.11E+04
4.13E+06	3.51E+06	5.25E+06	3.48E+06	4.01E+06	3.34E+06	5.86E+06	8.75E+06	4.98E+06
2.04E+04	3.05E+04	3.45E+04	1.86E+04	2.66E+04	2.44E+04	9.00E+00	5.00E+04	9.00E+00
3.06E+04	1.58E+04	3.21E+04	3.38E+04	2.21E+04	2.53E+04	3.16E+04	9.28E+04	1.37E+04
2.25E+05	3.76E+05	4.78E+05	2.52E+05	2.89E+05	4.19E+05	3.27E+05	4.40E+05	2.94E+05
9.00E+00	2.93E+04	9.00E+00	1.29E+04	9.00E+00	9.00E+00	2.86E+04	5.45E+04	1.18E+04
5.67E+05	6.46E+05	5.73E+05	5.34E+05	6.25E+05	5.66E+05	6.25E+05	7.58E+05	6.56E+05
7.02E+03	7.59E+03	9.22E+03	7.05E+03	6.86E+03	5.45E+03	1.88E+04	2.51E+04	1.43E+04
1.36E+04	1.37E+04	1.74E+04	1.44E+04	1.76E+04	1.22E+04	2.74E+04	4.10E+04	2.22E+04
3.21E+03	3.41E+03	7.84E+03	5.48E+03	5.34E+03	4.64E+03	1.07E+04	1.16E+04	8.60E+03
6.15E+04	6.15E+04	7.73E+04	6.04E+04	4.79E+04	6.01E+04	7.70E+04	1.22E+05	7.28E+04
1.92E+04	1.31E+04	2.58E+04	1.41E+04	1.77E+04	1.54E+04	3.84E+04	5.35E+04	4.34E+04
7.60E+05	7.64E+05	7.70E+05	7.87E+05	6.82E+05	7.79E+05	6.97E+05	7.53E+05	7.54E+05
4.46E+03	5.69E+03	8.19E+03	4.87E+03	4.47E+03	5.24E+03	6.89E+03	8.02E+03	6.50E+03
8.53E+05	1.07E+06	1.26E+06	8.27E+05	1.28E+06	1.10E+06	1.17E+06	1.62E+06	1.18E+06
8.56E+03	7.82E+03	1.82E+04	9.00E+00	7.88E+03	1.10E+04	1.07E+04	1.03E+04	9.00E+00
9.85E+03	8.38E+03	8.37E+03	1.12E+04	8.83E+03	7.60E+03	1.06E+04	9.83E+03	9.41E+03
1.10E+05	1.22E+05	1.23E+05	1.06E+05	1.18E+05	1.14E+05	1.14E+05	1.22E+05	1.12E+05
1.25E+05	1.17E+05	1.58E+05	5.76E+04	8.06E+04	8.53E+04	7.11E+04	1.34E+05	6.79E+04
5.93E+03	8.36E+03	1.07E+04	5.01E+03	4.56E+03	6.80E+03	7.77E+03	7.29E+03	2.30E+03
1.10E+05	1.67E+05	1.94E+05	7.09E+04	1.47E+05	1.77E+05	8.58E+04	2.14E+05	9.78E+04
9.60E+04	1.07E+05	2.47E+05	1.04E+05	1.96E+05	1.64E+05	1.45E+05	2.75E+05	1.68E+05
2.30E+05	3.88E+05	4.12E+05	2.84E+05	2.84E+05	3.63E+05	4.55E+05	6.08E+05	4.43E+05
1.02E+04	8.73E+03	2.07E+04	1.19E+04	1.58E+04	8.42E+03	1.76E+04	2.06E+04	1.19E+04
4.78E+03	2.10E+04	1.80E+04	6.56E+03	1.65E+04	1.68E+04	2.88E+04	1.44E+04	2.43E+04
1.50E+04	7.70E+03	1.38E+04	1.20E+04	2.23E+04	1.14E+04	9.57E+03	1.57E+04	1.21E+04
1.18E+06	1.41E+06	1.56E+06	1.35E+06	1.27E+06	1.26E+06	1.25E+06	1.54E+06	1.43E+06
1.46E+05	2.74E+05	1.28E+05	1.74E+05	2.67E+05	2.35E+05	9.00E+00	9.00E+00	9.00E+00
1.84E+05	2.01E+05	2.88E+05	2.15E+05	2.63E+05	2.13E+05	2.24E+05	2.17E+05	2.49E+05

1.16E+06	1.14E+06	1.51E+06	1.28E+06	1.28E+06	1.37E+06	1.22E+06	1.21E+06	1.30E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.54E+04	3.32E+04	5.76E+04
1.61E+04	2.70E+04	3.14E+04	2.23E+04	2.20E+04	2.12E+04	2.58E+04	1.58E+04	2.39E+04
9.87E+03	9.83E+03	9.09E+03	1.38E+04	1.01E+04	7.70E+03	1.16E+04	1.49E+04	1.19E+04
9.46E+04	9.79E+04	1.28E+05	1.23E+05	1.23E+05	9.05E+04	1.11E+05	1.81E+05	1.52E+05
8.26E+03	7.02E+03	1.07E+04	3.95E+03	1.03E+04	9.00E+00	1.12E+04	9.00E+00	7.11E+03
9.21E+03	1.48E+04	1.43E+04	1.51E+04	1.05E+04	7.42E+03	1.27E+04	2.90E+04	2.39E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.65E+03	9.00E+00	9.00E+00	6.69E+02
1.55E+04	1.63E+04	1.87E+04	1.36E+04	1.28E+04	1.29E+04	1.68E+04	1.96E+04	1.75E+04
6.67E+03	1.20E+04	1.66E+04	1.06E+04	1.93E+03	1.26E+04	4.04E+03	1.33E+04	1.27E+04
4.39E+07	5.11E+07	6.90E+07	4.75E+07	4.86E+07	5.81E+07	4.64E+07	5.99E+07	5.01E+07
4.14E+05	5.31E+05	4.94E+05	5.40E+05	4.46E+05	4.68E+05	3.48E+05	4.94E+05	3.90E+05
6.55E+03	8.30E+03	2.41E+04	1.77E+04	7.85E+03	8.90E+03	9.45E+03	6.84E+03	1.35E+04
9.72E+05	9.75E+05	1.15E+06	9.47E+05	9.64E+05	9.78E+05	9.97E+05	1.61E+06	1.16E+06
7.31E+04	5.23E+04	1.27E+05	6.54E+04	6.50E+04	8.46E+04	6.53E+04	5.69E+04	7.23E+04
9.63E+05	1.02E+06	1.71E+06	1.20E+06	1.11E+06	1.20E+06	9.87E+05	1.26E+06	1.05E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.93E+05	2.07E+05	2.17E+05	2.19E+05	2.09E+05	2.15E+05	2.30E+05	3.27E+05	2.65E+05
1.93E+04	3.25E+04	2.77E+04	2.01E+04	4.48E+04	2.40E+04	2.17E+04	4.79E+04	2.47E+04
4.02E+06	2.93E+06	4.76E+06	2.88E+06	3.75E+06	2.80E+06	4.57E+06	6.39E+06	4.13E+06
2.44E+05	2.60E+05	3.39E+05	3.90E+05	2.95E+05	2.61E+05	1.83E+05	2.47E+05	2.76E+05
2.41E+05	2.49E+05	3.47E+05	1.05E+05	3.08E+05	2.61E+05	3.17E+05	3.91E+05	3.46E+05
3.88E+05	4.12E+05	4.74E+05	6.00E+05	4.51E+05	4.38E+05	4.60E+05	5.70E+05	4.64E+05
1.41E+06	1.15E+06	1.73E+06	1.42E+06	1.21E+06	1.20E+06	1.74E+06	2.32E+06	1.48E+06
8.54E+05	1.07E+06	1.57E+06	1.11E+06	1.13E+06	1.25E+06	8.79E+05	1.17E+06	1.07E+06
5.54E+05	5.82E+05	6.59E+05	5.95E+05	6.84E+05	6.97E+05	5.95E+05	7.50E+05	6.62E+05
7.57E+07	8.44E+07	8.13E+07	7.91E+07	8.56E+07	6.31E+07	8.01E+07	9.00E+07	8.03E+07
3.44E+06	3.56E+06	3.66E+06	3.49E+06	3.85E+06	3.44E+06	4.15E+06	4.10E+06	3.68E+06
6.04E+05	8.82E+05	1.19E+06	5.54E+05	9.20E+05	8.75E+05	9.03E+05	1.19E+06	1.09E+06
6.61E+06	5.32E+06	6.03E+06	7.68E+06	5.04E+06	4.94E+06	5.55E+06	9.41E+06	7.01E+06
4.68E+08	4.89E+08	4.74E+08	4.44E+08	4.52E+08	4.52E+08	4.34E+08	4.71E+08	4.68E+08
3.03E+07	2.97E+07	3.13E+07	2.66E+07	2.69E+07	2.73E+07	3.05E+07	3.23E+07	2.84E+07
2.78E+06	2.96E+06	2.81E+06	3.18E+06	3.30E+06	3.27E+06	2.96E+06	3.40E+06	2.59E+06
4.56E+06	6.00E+06	6.21E+06	6.34E+06	6.70E+06	7.91E+06	4.97E+06	6.34E+06	4.48E+06
3.29E+06	4.19E+06	5.28E+06	4.46E+06	1.22E+06	4.48E+06	4.48E+06	6.10E+06	4.75E+06
7.08E+05	6.83E+05	6.41E+05	7.56E+05	7.82E+05	6.89E+05	6.77E+05	6.41E+05	6.86E+05
2.36E+06	3.13E+06	2.68E+06	2.99E+06	3.24E+06	2.72E+06	2.64E+06	2.85E+06	2.84E+06
8.09E+06	8.02E+06	8.36E+06	1.26E+07	1.24E+07	1.08E+07	1.26E+07	1.39E+07	1.08E+07
1.66E+06	2.14E+06	2.27E+06	1.83E+06	1.77E+06	1.95E+06	6.17E+05	2.02E+06	6.24E+05
6.47E+04	4.76E+04	8.95E+04	5.41E+04	5.76E+04	6.05E+04	1.00E+05	1.74E+05	9.51E+04
1.39E+05	1.24E+05	1.65E+05	1.29E+05	1.35E+05	1.30E+05	1.86E+05	2.20E+05	1.78E+05
3.82E+06	3.53E+06	3.75E+06	3.45E+06	3.54E+06	3.65E+06	4.12E+06	4.15E+06	3.41E+06
8.52E+06	8.25E+06	1.08E+07	8.14E+06	9.79E+06	7.78E+06	7.80E+06	8.47E+06	8.11E+06
2.94E+05	2.70E+05	5.30E+05	3.46E+05	3.15E+05	3.89E+05	7.37E+05	1.20E+06	7.16E+05
2.11E+03	1.77E+03	2.89E+03	2.01E+03	2.40E+03	1.62E+03	7.00E+03	1.01E+04	5.96E+03
7.16E+04	8.90E+04	8.58E+04	8.30E+04	9.05E+04	8.27E+04	1.15E+05	7.39E+04	1.08E+05
1.32E+05	1.74E+05	1.25E+05	9.00E+04	1.40E+05	5.38E+04	1.96E+05	1.98E+05	8.44E+04
5.31E+05	5.33E+05	6.41E+05	5.00E+05	5.59E+05	5.77E+05	5.29E+05	5.50E+05	5.65E+05
2.26E+04	8.05E+04	5.71E+04	3.94E+04	5.92E+04	5.82E+04	4.61E+04	4.98E+04	5.22E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.36E+03	9.00E+00	1.12E+03	9.00E+00	9.00E+00
9.00E+00	9.00E+00	7.25E+03	9.00E+00	9.00E+00	9.00E+00	3.73E+03	1.74E+03	3.65E+03
6.87E+06	6.66E+06	8.79E+06	8.83E+06	8.23E+06	7.02E+06	7.94E+06	8.93E+06	7.71E+06
2.57E+05	2.78E+05	5.00E+05	3.13E+05	3.26E+05	2.81E+05	3.65E+05	4.56E+05	3.69E+05
1.22E+05	1.42E+05	1.41E+05	9.72E+04	1.30E+05	1.33E+05	3.27E+04	1.29E+05	1.50E+05

9.13E+05	1.11E+06	1.67E+06	1.19E+06	1.14E+06	1.07E+06	1.34E+06	1.38E+06	1.31E+06
5.12E+04	1.12E+05	1.56E+05	1.15E+05	1.36E+05	1.22E+05	5.33E+04	6.62E+04	5.84E+04
9.00E+00	8.18E+04	8.71E+04	9.00E+00	9.00E+00	9.00E+00	7.38E+04	9.00E+00	9.00E+00
2.30E+03	5.87E+03	7.70E+03	3.56E+03	2.25E+03	6.47E+03	9.00E+00	6.67E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.76E+05	2.42E+05	5.06E+05	3.34E+05	3.61E+05	1.91E+05	1.14E+05	8.95E+04	3.07E+05
1.09E+06	1.04E+06	1.38E+06	1.16E+06	1.25E+06	1.14E+06	1.41E+06	1.61E+06	1.55E+06
9.90E+04	1.47E+05	1.19E+05	9.30E+04	9.99E+04	8.91E+04	1.45E+05	1.17E+05	9.62E+04
1.02E+08	9.31E+07	1.09E+08	9.67E+07	1.05E+08	8.80E+07	1.00E+08	1.21E+08	1.13E+08
4.68E+05	4.78E+05	4.83E+05	4.40E+05	4.57E+05	3.98E+05	4.29E+05	5.14E+05	4.72E+05
1.72E+07	1.82E+07	1.84E+07	1.53E+07	1.62E+07	1.38E+07	1.98E+07	1.92E+07	1.99E+07
1.32E+06	7.64E+05	1.60E+06	8.96E+05	1.23E+06	1.66E+06	1.76E+06	1.52E+06	1.40E+06
4.45E+06	5.91E+06	7.09E+06	3.72E+06	4.74E+06	4.83E+06	4.44E+06	7.92E+06	5.43E+06
7.40E+05	8.83E+05	8.94E+05	6.34E+05	8.71E+05	8.25E+05	9.52E+05	1.06E+06	9.96E+05
9.59E+06	1.04E+07	1.12E+07	8.98E+06	9.34E+06	9.44E+06	1.07E+07	1.05E+07	9.79E+06
2.26E+04	2.44E+04	3.46E+04	2.06E+04	2.42E+04	1.98E+04	3.56E+04	5.55E+04	3.45E+04
1.42E+06	1.63E+06	1.62E+06	1.50E+06	1.55E+06	1.39E+06	1.53E+06	1.65E+06	1.68E+06
9.44E+04	8.51E+04	1.12E+05	3.13E+04	8.30E+04	2.70E+04	8.94E+04	3.80E+04	6.71E+04
4.05E+06	3.96E+06	4.19E+06	4.00E+06	4.27E+06	3.84E+06	4.14E+06	3.98E+06	3.54E+06
2.60E+05	2.79E+05	4.31E+05	2.70E+05	2.79E+05	2.70E+05	7.21E+05	1.02E+06	6.41E+05
7.57E+04	7.44E+04	7.78E+04	6.88E+04	7.45E+04	5.63E+04	7.12E+04	7.62E+04	6.41E+04
1.00E+07	9.48E+06	1.22E+07	1.09E+07	1.13E+07	9.02E+06	1.18E+07	1.23E+07	1.14E+07
1.65E+05	3.85E+05	4.12E+05	4.47E+05	5.44E+05	2.96E+05	2.00E+05	4.36E+05	2.35E+05
3.74E+05	4.19E+05	4.56E+05	4.10E+05	3.95E+05	3.83E+05	4.71E+05	4.63E+05	4.27E+05
3.32E+04	5.80E+04	4.16E+04	5.89E+04	4.99E+04	9.01E+03	9.00E+00	9.00E+00	6.15E+04
1.33E+05	1.14E+05	1.87E+05	1.32E+05	1.36E+05	9.97E+04	2.01E+05	2.59E+05	1.71E+05
9.51E+05	9.98E+05	1.35E+06	9.87E+05	1.02E+06	9.50E+05	1.17E+06	1.37E+06	1.19E+06
3.53E+06	3.55E+06	2.86E+06	3.91E+06	3.61E+06	2.82E+06	3.66E+06	3.38E+06	3.05E+06
1.01E+04	3.04E+04	1.87E+04	3.06E+04	1.26E+04	2.69E+04	2.42E+04	2.73E+04	2.11E+04
3.01E+05	2.57E+05	5.04E+05	3.46E+05	3.18E+05	3.48E+05	8.95E+05	1.08E+06	7.17E+05
2.94E+05	2.22E+05	3.83E+05	2.81E+05	2.69E+05	2.30E+05	4.30E+05	4.54E+05	3.01E+05
4.90E+04	1.11E+05	1.29E+05	1.21E+05	9.25E+04	8.50E+04	8.12E+04	1.20E+05	8.49E+04
1.30E+06	1.83E+06	1.71E+06	1.66E+06	1.55E+06	1.66E+06	1.43E+06	1.60E+06	1.72E+06
1.48E+05	1.93E+05	1.89E+05	1.41E+05	1.64E+05	9.80E+04	3.56E+05	4.75E+05	3.31E+05
7.89E+04	1.62E+05	1.28E+05	1.09E+05	1.41E+05	1.32E+05	1.06E+05	1.06E+05	7.97E+04
1.60E+03	4.40E+03	4.80E+03	5.17E+03	2.80E+03	6.81E+03	4.38E+03	9.00E+00	9.00E+00
3.19E+03	1.14E+04	1.08E+04	9.96E+03	1.33E+04	1.50E+04	9.52E+03	9.00E+00	9.00E+00
2.46E+04	4.64E+04	6.73E+04	2.62E+04	2.95E+04	5.57E+04	3.69E+04	4.62E+04	3.88E+04
6.88E+03	1.36E+04	9.87E+03	8.83E+03	1.39E+04	1.89E+04	9.00E+00	9.00E+00	9.00E+00
3.61E+05	4.30E+05	3.70E+05	4.64E+05	5.63E+05	4.75E+05	3.27E+05	3.33E+05	3.28E+05
1.24E+03	3.42E+03	7.81E+03	9.87E+02	2.91E+03	4.85E+03	9.00E+00	9.00E+00	9.00E+00
2.73E+03	1.03E+04	1.51E+04	4.46E+03	1.03E+04	1.25E+04	1.27E+04	1.39E+04	9.06E+03
2.84E+03	1.77E+04	6.05E+03	1.41E+04	1.01E+04	1.24E+04	9.00E+00	2.00E+03	1.12E+04
1.20E+05	1.63E+05	1.85E+05	1.75E+05	2.06E+05	1.81E+05	1.39E+05	1.45E+05	1.13E+05
9.00E+00	5.93E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.51E+03	8.34E+03	1.97E+04
6.51E+06	5.89E+06	9.68E+06	7.07E+06	6.76E+06	6.24E+06	9.88E+06	1.24E+07	7.94E+06
5.19E+05	8.70E+05	1.03E+06	8.66E+05	8.09E+05	8.39E+05	8.13E+05	1.19E+06	8.80E+05
2.56E+06	3.15E+06	3.81E+06	2.82E+06	2.70E+06	2.88E+06	3.33E+06	3.42E+06	2.97E+06
3.51E+04	3.86E+04	4.03E+04	3.65E+04	3.08E+04	3.32E+04	2.58E+04	2.55E+04	3.71E+04
1.12E+06	1.59E+06	2.27E+06	1.24E+06	1.22E+06	1.89E+06	1.41E+06	1.76E+06	1.42E+06
1.91E+04	3.65E+04	4.38E+04	3.06E+04	4.35E+04	3.20E+04	2.98E+04	3.08E+04	2.63E+04
9.00E+00	9.00E+00	1.69E+04	9.00E+00	9.00E+00	9.00E+00	1.33E+04	1.92E+04	1.29E+04
1.50E+05	1.59E+05	1.45E+05	1.59E+05	1.29E+05	1.09E+05	1.61E+05	1.77E+05	1.42E+05
6.69E+06	6.48E+06	8.00E+06	6.93E+06	7.35E+06	6.80E+06	7.79E+06	7.35E+06	7.29E+06

8.57E+04	7.98E+04	8.72E+04	7.93E+04	2.30E+04	7.04E+04	7.13E+04	3.52E+04	7.70E+04
1.00E+05	4.19E+04	4.91E+04	1.02E+05	5.06E+04	1.07E+05	4.35E+04	4.19E+04	6.56E+04
6.78E+06	7.09E+06	2.10E+06	7.10E+06	1.75E+06	6.34E+06	6.10E+06	6.34E+06	5.74E+06
1.16E+05	1.17E+05	2.07E+05	1.98E+05	1.99E+05	1.22E+05	1.94E+05	1.90E+05	2.02E+05
3.38E+04	4.53E+04	3.29E+04	6.01E+04	3.27E+04	4.40E+04	4.58E+04	4.68E+04	4.08E+04
6.08E+06	5.03E+06	6.71E+06	5.06E+06	4.93E+06	4.58E+06	6.37E+06	7.28E+06	5.58E+06
1.45E+05	3.43E+05	3.14E+05	1.43E+05	3.84E+05	2.76E+05	2.89E+05	3.96E+05	3.66E+05
2.11E+07	2.13E+07	3.02E+07	2.25E+07	2.20E+07	2.18E+07	2.41E+07	2.54E+07	2.59E+07
2.91E+05	3.56E+05	3.47E+05	4.24E+05	2.89E+05	2.90E+05	3.15E+05	3.78E+05	2.90E+05
9.00E+00	9.00E+00	9.00E+00	8.80E+03	1.04E+04	9.00E+00	1.19E+04	1.37E+04	1.81E+04
9.07E+05	1.02E+06	8.60E+05	1.17E+06	8.79E+05	8.59E+05	8.75E+05	8.67E+05	9.68E+05
3.34E+04	7.04E+04	6.66E+04	3.37E+04	2.25E+04	5.85E+04	4.17E+04	4.24E+04	3.70E+04
1.93E+06	2.19E+06	1.92E+06	1.80E+06	1.82E+06	1.76E+06	1.89E+06	2.02E+06	1.72E+06
1.41E+05	1.57E+05	1.48E+05	1.26E+05	1.43E+05	1.51E+05	1.66E+05	1.36E+05	1.27E+05
1.19E+07	1.30E+07	2.16E+07	1.54E+07	1.40E+07	1.40E+07	1.63E+07	1.41E+07	1.46E+07
1.97E+04	1.85E+04	2.62E+04	3.32E+04	2.06E+04	2.08E+04	9.51E+04	1.13E+05	1.02E+05
1.67E+05	1.65E+05	2.45E+05	1.97E+05	1.59E+05	1.69E+05	6.11E+05	8.25E+05	6.12E+05
1.53E+04	1.97E+04	2.44E+04	1.81E+04	1.54E+04	1.43E+04	3.71E+04	3.91E+04	3.83E+04
3.75E+05	3.76E+05	5.19E+05	4.68E+05	4.03E+05	3.46E+05	1.12E+06	1.56E+06	9.66E+05
1.16E+05	1.97E+05	2.58E+05	1.41E+05	1.51E+05	1.22E+05	2.29E+05	2.14E+05	2.59E+05
2.66E+05	3.41E+05	3.43E+05	2.59E+05	3.06E+05	3.28E+05	2.98E+05	4.96E+05	3.24E+05
1.33E+05	2.46E+05	2.52E+05	1.22E+05	1.04E+05	1.87E+05	1.07E+05	1.39E+05	1.16E+05
8.45E+06	1.05E+07	9.71E+06	8.25E+06	8.45E+06	8.76E+06	9.39E+06	1.23E+07	1.08E+07
2.62E+06	3.28E+06	3.66E+06	2.41E+06	2.61E+06	2.82E+06	2.90E+06	3.92E+06	3.42E+06
2.79E+06	2.85E+06	3.33E+06	2.94E+06	2.96E+06	3.04E+06	3.68E+06	4.25E+06	3.53E+06
1.34E+07	1.51E+07	1.87E+07	1.57E+07	1.47E+07	1.31E+07	1.69E+07	1.98E+07	1.78E+07
3.31E+05	3.18E+05	4.46E+05	3.55E+05	3.67E+05	3.02E+05	5.90E+05	9.51E+05	5.53E+05
6.13E+04	7.79E+04	3.78E+04	2.48E+04	7.74E+04	8.52E+04	1.05E+05	1.53E+05	4.23E+04
1.26E+06	1.27E+06	1.27E+06	9.07E+05	1.57E+06	1.08E+06	1.29E+06	2.13E+06	1.40E+06
1.15E+07	1.93E+07	1.42E+07	1.15E+07	1.24E+07	1.19E+07	1.22E+07	1.33E+07	1.29E+07
2.24E+05	3.81E+05	4.19E+05	2.37E+05	2.78E+05	3.45E+05	2.92E+05	3.13E+05	3.02E+05
1.57E+07	1.61E+07	1.48E+07	1.42E+07	1.40E+07	1.25E+07	1.39E+07	1.56E+07	1.54E+07
1.50E+07	1.68E+07	1.66E+07	1.42E+07	1.53E+07	1.35E+07	1.64E+07	2.42E+07	1.93E+07
3.75E+04	9.00E+00	1.02E+05	2.79E+04	9.58E+04	3.86E+04	9.00E+00	9.00E+00	4.92E+04
3.73E+06	4.10E+06	4.95E+06	3.71E+06	3.64E+06	3.61E+06	5.55E+06	7.06E+06	6.01E+06
1.45E+08	1.59E+08	1.62E+08	1.59E+08	1.43E+08	1.46E+08	1.90E+08	2.17E+08	1.86E+08
2.54E+05	3.44E+05	4.41E+05	3.28E+05	3.37E+05	2.70E+05	3.15E+05	5.75E+05	3.04E+05
4.63E+06	6.49E+06	7.46E+06	6.16E+06	6.30E+06	5.54E+06	5.85E+06	6.28E+06	7.17E+06
2.76E+05	2.53E+05	3.21E+05	2.76E+05	2.35E+05	2.60E+05	6.15E+05	8.53E+05	5.11E+05
1.16E+05	1.44E+05	1.83E+05	1.18E+05	4.65E+05	2.00E+05	2.25E+05	3.84E+05	1.55E+05
6.45E+06	7.00E+06	6.27E+06	6.75E+06	7.07E+06	6.01E+06	8.17E+06	7.72E+06	6.89E+06
6.93E+04	8.71E+04	1.32E+05	6.74E+04	8.36E+04	7.67E+04	2.76E+05	3.37E+05	2.50E+05
2.74E+07	2.93E+07	2.83E+07	3.03E+07	2.62E+07	2.44E+07	3.43E+07	3.48E+07	3.07E+07
1.45E+06	1.38E+06	1.59E+06	1.31E+06	1.32E+06	1.12E+06	1.61E+06	1.99E+06	1.54E+06
1.72E+05	1.76E+05	2.26E+05	1.98E+05	1.01E+05	1.68E+05	3.17E+05	1.68E+05	2.51E+05
5.15E+05	5.29E+05	6.27E+05	4.37E+05	2.65E+05	2.57E+05	7.11E+05	1.02E+06	8.65E+05
1.05E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.55E+04	9.00E+04	1.64E+05	6.16E+04
9.00E+00	9.00E+00	9.00E+00	1.99E+04	9.00E+00	9.00E+00	4.05E+04	2.22E+04	4.31E+04
9.62E+02	1.74E+03	1.66E+03	8.49E+02	7.64E+02	1.94E+03	1.50E+03	4.24E+03	1.61E+03
3.82E+03	4.53E+03	4.33E+03	4.42E+03	4.03E+03	4.78E+03	4.57E+03	7.24E+03	5.28E+03
3.42E+03	2.76E+03	5.19E+03	3.62E+03	5.57E+03	3.55E+03	6.46E+03	6.00E+03	4.89E+03
1.03E+05	1.03E+05	1.19E+05	1.23E+05	1.08E+05	1.01E+05	1.16E+05	1.56E+05	1.16E+05
7.39E+03	6.83E+03	7.42E+03	6.02E+03	6.39E+03	6.33E+03	7.31E+03	8.43E+03	7.79E+03
1.81E+03	2.17E+03	1.95E+03	1.43E+03	2.64E+03	1.73E+03	1.78E+03	1.68E+03	1.85E+03

1.94E+06	1.45E+06	1.95E+06	1.77E+06	1.85E+06	1.52E+06	1.89E+06	2.19E+06	1.39E+06
1.23E+04	1.57E+04	1.80E+04	1.50E+04	1.71E+04	1.34E+04	1.36E+04	1.59E+04	1.39E+04
1.40E+05	1.46E+05	1.56E+05	1.38E+05	1.44E+05	1.37E+05	1.38E+05	1.60E+05	1.47E+05
2.86E+06	3.16E+06	3.37E+06	2.91E+06	3.39E+06	3.14E+06	2.89E+06	3.34E+06	3.23E+06
5.68E+03	4.06E+03	4.89E+03	5.69E+03	9.01E+03	4.87E+03	2.85E+03	6.44E+03	3.30E+03
2.62E+04	2.24E+04	1.70E+04	1.69E+04	9.47E+03	1.32E+04	1.44E+04	1.54E+04	1.63E+04
1.57E+04	9.33E+03	2.00E+04	1.37E+04	1.59E+04	9.65E+03	1.93E+04	2.11E+04	1.55E+04
4.85E+04	2.10E+04	2.11E+04	1.80E+04	5.52E+04	2.68E+04	6.74E+04	8.73E+04	6.28E+04
1.66E+04	1.07E+04	2.07E+04	1.56E+04	1.52E+04	9.00E+00	1.25E+04	3.32E+04	1.93E+04
9.00E+00	9.00E+00	1.73E+04	9.00E+00	9.00E+00	7.03E+03	9.00E+00	1.02E+04	1.91E+04
6.38E+03	5.07E+03	1.46E+04	2.15E+04	4.20E+03	1.26E+04	1.46E+04	1.26E+04	5.72E+03
9.00E+00	9.00E+00	9.00E+00	5.83E+03	9.00E+00	9.00E+00	9.00E+00	1.59E+04	9.00E+00
4.58E+04	5.03E+04	4.98E+04	3.35E+04	3.42E+04	3.44E+04	6.13E+04	9.66E+04	5.68E+04
4.12E+05	9.03E+05	1.03E+06	8.49E+05	7.95E+05	6.91E+05	9.24E+05	1.48E+06	8.60E+05
2.64E+07	2.61E+07	2.82E+07	2.40E+07	2.33E+07	2.24E+07	2.89E+07	4.89E+07	2.84E+07
1.68E+06	2.38E+06	1.79E+06	1.43E+06	1.86E+06	1.77E+06	1.85E+06	2.57E+06	2.06E+06
3.15E+06	3.02E+06	3.61E+06	2.88E+06	9.55E+05	3.20E+06	3.59E+06	4.79E+06	4.14E+06
1.15E+07	1.10E+07	1.54E+07	1.03E+07	1.15E+07	1.07E+07	1.49E+07	2.03E+07	1.56E+07
1.37E+04	1.37E+04	1.06E+04	2.68E+03	5.53E+03	2.20E+04	6.18E+03	1.63E+04	2.29E+04
1.95E+05	2.80E+05	1.92E+05	2.88E+05	2.67E+05	1.91E+05	3.23E+05	3.73E+05	3.04E+05
9.00E+00	9.00E+00	2.21E+05	9.00E+00	9.00E+00	9.00E+00	2.31E+05	4.67E+05	2.75E+05
2.38E+07	2.56E+07	2.74E+07	2.69E+07	2.45E+07	2.68E+07	2.39E+07	3.11E+07	2.94E+07
1.48E+05	1.96E+05	1.41E+05	7.20E+04	1.52E+05	1.83E+05	1.40E+05	1.11E+05	1.16E+05
1.19E+07	9.04E+06	1.06E+07	6.53E+06	8.57E+06	7.97E+06	1.01E+07	1.22E+07	9.26E+06
5.88E+05	7.82E+05	7.72E+05	5.26E+05	6.15E+05	5.94E+05	6.52E+05	8.29E+05	7.57E+05
4.29E+05	4.11E+05	4.91E+05	3.74E+05	4.44E+05	4.78E+05	6.01E+05	6.65E+05	6.06E+05
1.20E+05	1.16E+05	1.63E+05	1.10E+05	1.15E+05	1.07E+05	2.01E+05	2.63E+05	1.80E+05
2.52E+04	3.24E+04	4.53E+04	4.92E+04	3.73E+04	3.36E+04	2.17E+04	4.08E+04	4.20E+04
4.59E+05	5.59E+05	6.24E+05	4.52E+05	5.08E+05	4.98E+05	5.00E+05	7.20E+05	6.06E+05
1.60E+05	2.03E+05	1.33E+05	2.06E+05	1.13E+05	1.42E+05	2.23E+05	1.64E+05	1.72E+05
2.00E+05	2.27E+05	2.85E+05	2.30E+05	2.26E+05	1.98E+05	2.14E+05	2.96E+05	2.53E+05
5.18E+05	5.79E+05	6.74E+05	6.32E+05	5.49E+05	1.68E+05	9.00E+00	1.23E+06	1.53E+05
7.03E+03	1.15E+04	1.21E+04	7.04E+03	8.23E+03	8.32E+03	1.14E+04	1.07E+04	6.93E+03
9.00E+00	9.00E+00	9.00E+00	2.89E+04	1.05E+04	9.00E+00	9.00E+00	5.93E+04	9.00E+00
1.31E+06	1.26E+06	1.67E+06	1.32E+06	1.24E+06	1.21E+06	1.52E+06	1.93E+06	1.76E+06
9.00E+00	9.00E+00	9.00E+00	1.06E+03	9.00E+00	9.00E+00	2.06E+03	2.12E+03	3.04E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.72E+04	9.00E+00
5.09E+05	5.21E+05	8.14E+05	5.66E+05	6.02E+05	5.88E+05	6.45E+05	7.47E+05	6.43E+05
1.64E+05	1.58E+05	1.96E+05	1.47E+05	1.31E+05	1.21E+05	1.83E+05	2.30E+05	1.70E+05
4.20E+03	9.00E+00	5.11E+03	4.18E+03	1.47E+04	1.14E+04	9.00E+00	9.00E+00	9.00E+00
9.00E+00	2.65E+04	9.00E+00	9.00E+00	3.16E+04	9.00E+00	3.28E+04	5.24E+04	3.61E+04
1.66E+06	1.27E+06	2.14E+06	1.44E+06	1.75E+06	1.33E+06	3.11E+06	4.83E+06	2.90E+06
1.36E+04	1.09E+04	1.04E+04	1.12E+04	8.29E+03	1.44E+04	1.82E+04	2.06E+04	1.67E+04
1.26E+06	1.48E+06	2.04E+06	1.29E+06	1.29E+06	1.50E+06	1.57E+06	2.57E+06	1.43E+06
3.26E+04	4.01E+04	3.73E+04	2.74E+04	2.24E+04	3.21E+04	2.41E+04	3.51E+04	1.99E+04
1.62E+05	2.85E+05	3.24E+05	1.50E+05	1.93E+05	3.73E+05	1.84E+05	2.65E+05	2.00E+05
9.47E+04	7.40E+04	1.47E+05	8.28E+04	9.09E+04	8.14E+04	2.25E+05	3.62E+05	1.69E+05
2.26E+07	2.01E+07	2.77E+07	2.10E+07	1.96E+07	1.92E+07	2.42E+07	3.01E+07	2.28E+07
5.03E+05	7.26E+05	7.59E+05	4.32E+05	6.91E+05	4.92E+05	6.76E+05	9.70E+05	7.20E+05
4.46E+04	4.25E+04	4.86E+04	3.79E+04	3.24E+04	2.94E+04	5.26E+04	2.84E+04	2.12E+04
5.06E+05	6.82E+05	6.90E+05	5.23E+05	5.26E+05	5.74E+05	8.17E+05	7.71E+05	8.09E+05
7.46E+04	2.97E+04	1.22E+05	5.56E+04	7.23E+04	6.19E+04	5.60E+04	1.19E+05	8.93E+04
2.36E+07	2.01E+07	2.83E+07	2.39E+07	2.29E+07	2.11E+07	3.42E+07	5.28E+07	2.86E+07
1.86E+07	2.16E+07	2.54E+07	1.83E+07	2.11E+07	1.88E+07	1.97E+07	3.09E+07	2.38E+07

1.01E+06	1.38E+06	1.54E+06	1.61E+06	1.61E+06	1.50E+06	1.39E+06	1.75E+06	1.28E+06
7.03E+02	1.20E+03	7.18E+02	1.44E+03	1.91E+03	1.71E+03	9.00E+00	9.00E+00	9.00E+00
2.17E+05	9.75E+05	1.06E+06	9.23E+05	1.10E+06	8.83E+05	1.08E+06	1.63E+06	9.98E+05
3.25E+06	3.41E+06	3.70E+06	3.55E+06	3.75E+06	3.30E+06	3.03E+06	3.98E+06	3.55E+06
9.43E+04	7.70E+04	1.62E+05	9.31E+04	9.37E+04	8.25E+04	1.71E+05	2.82E+05	1.25E+05
3.36E+05	3.79E+05	3.48E+05	3.15E+05	3.39E+05	1.82E+05	2.86E+05	4.23E+05	3.71E+05
4.57E+04	3.41E+04	5.51E+04	3.30E+04	3.69E+04	3.44E+04	8.57E+04	1.53E+05	7.94E+04
8.96E+05	1.06E+06	1.31E+06	9.72E+05	1.25E+06	1.06E+06	1.18E+06	1.24E+06	1.00E+06
6.26E+04	7.57E+04	8.88E+04	7.46E+04	9.12E+04	8.49E+04	5.40E+04	7.47E+04	4.42E+04
3.26E+03	1.04E+03	5.32E+03	1.05E+03	4.97E+03	4.97E+03	1.77E+03	1.52E+03	3.58E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.63E+04	8.40E+03	9.00E+00	9.00E+00
6.66E+03	1.08E+04	6.88E+03	8.59E+03	1.55E+04	2.88E+04	9.00E+00	9.00E+00	9.00E+00
6.82E+03	1.51E+04	2.26E+04	1.42E+04	2.29E+04	1.80E+04	6.56E+03	2.28E+04	2.10E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.23E+03	9.00E+00	9.00E+00	9.00E+00	1.59E+03
8.87E+03	2.76E+04	2.85E+04	3.07E+04	2.69E+04	2.78E+04	6.83E+03	1.89E+04	1.68E+04
5.58E+02	9.00E+00	9.00E+00	1.18E+03	9.00E+00	9.00E+00	9.00E+00	5.80E+02	9.00E+00
1.45E+04	1.97E+04	2.15E+04	1.81E+04	1.57E+04	1.76E+04	9.00E+00	9.00E+00	9.00E+00
1.93E+05	1.82E+05	2.52E+05	2.14E+05	1.84E+05	2.13E+05	2.24E+05	3.41E+05	2.03E+05
9.86E+04	9.14E+04	1.36E+05	1.13E+05	1.03E+05	1.08E+05	1.24E+05	1.82E+05	1.41E+05
2.09E+04	1.54E+04	2.68E+04	2.54E+04	1.48E+04	3.00E+04	3.00E+04	1.43E+04	1.32E+04
3.22E+05	2.88E+05	4.71E+05	2.41E+05	2.89E+05	2.47E+05	7.78E+05	1.28E+06	7.16E+05
7.86E+05	6.02E+05	1.29E+06	6.77E+05	6.84E+05	5.54E+05	2.12E+06	4.22E+06	1.79E+06
9.48E+05	8.24E+05	1.55E+06	8.49E+05	9.66E+05	7.58E+05	2.47E+06	3.74E+06	1.93E+06
2.56E+04	2.78E+04	3.74E+04	1.14E+04	3.92E+04	3.53E+04	3.91E+04	6.41E+04	3.91E+04
1.96E+05	1.80E+05	2.47E+05	2.03E+05	1.79E+05	1.76E+05	2.31E+05	3.62E+05	2.12E+05
8.93E+03	1.59E+04	2.52E+04	2.50E+04	1.18E+04	1.32E+04	1.26E+04	1.32E+04	1.65E+04
1.10E+05	3.64E+04	4.00E+04	1.05E+05	1.37E+05	1.21E+05	4.38E+04	7.30E+04	6.13E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.20E+03	5.73E+03	9.00E+00	9.00E+00
1.11E+06	1.12E+06	9.41E+05	1.03E+06	1.06E+06	9.46E+05	8.39E+05	9.94E+05	8.99E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.41E+04	8.19E+04	7.30E+04	6.96E+04	5.77E+04	7.11E+04	7.53E+04	6.95E+04	8.11E+04
1.42E+06	1.48E+06	1.43E+06	7.94E+05	1.51E+06	9.23E+05	1.41E+06	1.44E+06	6.49E+05
5.66E+05	5.71E+05	7.18E+05	4.21E+05	5.75E+05	4.96E+05	8.47E+05	1.14E+06	8.12E+05
7.79E+04	5.94E+04	5.62E+04	6.25E+04	6.31E+04	6.75E+04	7.41E+04	9.00E+04	5.17E+04
9.00E+00	9.00E+00	9.00E+00	9.15E+03	1.28E+04	3.11E+03	8.03E+03	1.56E+04	1.11E+04
5.11E+07	4.80E+07	5.65E+07	5.53E+07	5.05E+07	4.55E+07	5.68E+07	7.93E+07	6.30E+07
2.22E+05	3.36E+05	3.07E+05	3.36E+05	2.84E+05	2.37E+05	3.18E+05	3.91E+05	3.00E+05
1.74E+06	1.68E+06	1.80E+06	1.65E+06	1.62E+06	1.65E+06	1.60E+06	1.79E+06	1.66E+06
1.21E+06	1.22E+06	1.50E+06	1.53E+06	1.23E+06	1.30E+06	1.53E+06	1.93E+06	1.32E+06
9.60E+03	9.42E+03	7.14E+03	1.02E+04	7.95E+03	1.20E+04	8.14E+03	1.40E+04	9.17E+03
3.20E+05	3.71E+05	4.30E+05	2.80E+05	3.80E+05	3.50E+05	1.88E+05	3.34E+05	2.79E+05
5.36E+03	8.57E+03	9.94E+03	5.00E+03	7.71E+03	8.10E+03	3.19E+03	7.10E+03	5.45E+03
1.07E+04	8.77E+03	1.38E+04	1.14E+04	9.93E+03	6.76E+03	2.59E+04	4.07E+04	2.04E+04
9.00E+00	9.00E+00	4.30E+03	9.00E+00	9.00E+00	9.00E+00	2.54E+03	4.57E+03	3.16E+03
5.79E+04	5.02E+04	8.62E+04	4.93E+04	5.04E+04	5.04E+04	1.26E+05	2.13E+05	1.07E+05
5.92E+04	2.02E+04	4.86E+04	5.88E+04	5.99E+04	1.38E+04	5.29E+04	7.12E+04	3.76E+04
1.28E+06	1.27E+06	1.45E+06	1.42E+06	1.35E+06	1.13E+06	1.46E+06	1.42E+06	1.25E+06
1.81E+07	2.10E+07	1.31E+07	1.69E+07	1.97E+07	1.08E+07	1.93E+07	1.77E+07	1.26E+07
1.22E+08	1.22E+08	1.32E+08	1.10E+08	1.15E+08	1.12E+08	1.21E+08	1.48E+08	1.21E+08
4.83E+06	5.19E+06	5.49E+06	5.15E+06	5.16E+06	4.15E+06	4.13E+06	6.18E+06	5.11E+06
2.63E+05	2.55E+05	3.38E+05	3.39E+05	3.12E+05	3.30E+05	2.50E+05	3.29E+05	2.67E+05
9.25E+04	9.08E+04	1.40E+05	1.04E+05	9.67E+04	1.04E+05	1.18E+05	1.70E+05	1.21E+05
1.93E+05	2.09E+05	2.92E+05	2.63E+05	2.19E+05	2.48E+05	1.99E+05	2.72E+05	2.45E+05

1.56E+04	2.49E+04	4.25E+04	2.10E+04	2.14E+04	1.60E+04	6.00E+04	1.02E+05	6.28E+04
2.14E+03	3.57E+03	3.70E+03	2.31E+03	3.04E+03	3.11E+03	5.01E+03	7.86E+03	7.27E+03
2.95E+05	3.57E+05	3.95E+05	2.43E+05	3.27E+05	3.04E+05	4.60E+05	5.94E+05	4.95E+05
6.78E+04	7.90E+04	1.18E+05	8.21E+04	4.38E+04	6.84E+04	7.30E+04	1.18E+05	6.72E+04
1.62E+06	1.26E+06	2.08E+06	1.65E+06	1.50E+06	1.32E+06	2.70E+06	3.90E+06	2.27E+06
4.01E+04	4.52E+04	4.12E+04	4.98E+04	4.70E+04	7.76E+04	3.84E+04	6.18E+04	3.86E+04
1.77E+04	1.32E+04	2.48E+04	1.08E+04	1.33E+04	1.18E+04	3.71E+04	6.59E+04	3.93E+04
5.06E+04	2.01E+04	5.84E+04	4.42E+04	3.48E+04	3.75E+04	9.00E+00	9.00E+00	9.00E+00
3.80E+06	4.37E+06	4.66E+06	4.33E+06	3.61E+06	3.96E+06	4.15E+06	5.67E+06	4.16E+06
5.04E+04	2.96E+04	4.13E+04	4.29E+04	2.15E+04	5.56E+04	2.28E+04	3.33E+04	2.87E+04
9.00E+00	9.00E+00	9.00E+00	3.14E+04	9.00E+00	3.68E+04	4.47E+04	8.94E+04	4.93E+04
3.11E+06	2.79E+06	2.93E+06	2.47E+06	2.43E+06	2.46E+06	3.42E+06	5.16E+06	3.27E+06
4.26E+06	5.64E+06	5.85E+06	5.31E+06	6.07E+06	4.45E+06	5.88E+06	7.80E+06	6.04E+06
1.70E+06	2.03E+06	2.06E+06	1.34E+06	1.82E+06	1.80E+06	2.17E+06	3.54E+06	2.43E+06
6.16E+05	5.87E+05	8.06E+05	7.25E+05	7.00E+05	5.78E+05	1.12E+06	1.40E+06	9.42E+05
1.12E+07	1.04E+07	1.69E+07	1.17E+07	1.03E+07	1.06E+07	2.03E+07	3.60E+07	1.90E+07
4.23E+06	3.25E+06	6.33E+06	4.09E+06	3.56E+06	3.27E+06	7.78E+06	1.31E+07	7.15E+06
1.33E+06	1.56E+06	1.67E+06	1.19E+06	1.30E+06	1.24E+06	2.38E+06	3.09E+06	1.87E+06
3.17E+07	3.27E+07	3.21E+07	2.62E+07	2.73E+07	2.71E+07	2.67E+07	4.19E+07	2.81E+07
6.91E+04	9.77E+04	1.04E+05	1.17E+04	4.50E+04	6.04E+04	2.65E+04	9.38E+04	5.39E+04
2.53E+04	1.81E+04	4.08E+04	2.07E+04	2.15E+04	1.92E+04	5.80E+04	1.03E+05	4.32E+04
2.60E+05	2.09E+05	4.12E+05	2.35E+05	2.34E+05	2.19E+05	6.19E+05	1.22E+06	5.76E+05
2.63E+06	3.41E+06	3.31E+06	2.10E+06	3.00E+06	2.58E+06	2.70E+06	3.40E+06	2.88E+06
3.61E+07	3.61E+07	4.43E+07	3.97E+07	4.01E+07	3.46E+07	4.10E+07	5.03E+07	4.23E+07
1.34E+06	1.14E+06	1.33E+06	1.16E+06	1.05E+06	1.02E+06	1.26E+06	1.86E+06	1.25E+06
3.12E+04	4.33E+04	3.82E+04	4.71E+04	5.96E+04	5.85E+04	8.28E+04	6.87E+04	5.35E+04
6.32E+05	5.04E+05	9.53E+05	6.91E+05	6.30E+05	5.58E+05	1.25E+06	1.83E+06	1.24E+06
9.00E+00	1.27E+04	9.00E+00	9.00E+00	1.83E+04	9.00E+00	3.60E+04	4.07E+04	2.67E+04
6.65E+05	7.44E+05	9.58E+05	7.01E+05	6.33E+05	6.96E+05	1.01E+06	1.36E+06	8.86E+05
1.39E+06	1.07E+06	1.75E+06	1.29E+06	1.29E+06	1.05E+06	1.82E+06	2.57E+06	1.73E+06
1.72E+06	1.96E+06	2.41E+06	2.61E+06	2.25E+06	1.82E+06	1.97E+06	2.59E+06	2.46E+06
8.59E+04	6.63E+04	1.34E+05	9.32E+04	8.66E+04	7.73E+04	2.25E+05	3.17E+05	1.82E+05
7.38E+04	6.30E+04	1.25E+05	9.45E+04	8.11E+04	8.56E+04	1.65E+05	1.70E+05	1.13E+05
3.64E+05	4.35E+05	4.28E+05	2.61E+05	3.93E+05	3.49E+05	4.80E+05	7.87E+05	6.62E+05
4.48E+05	3.96E+05	3.76E+05	4.00E+05	3.69E+05	3.38E+05	1.06E+06	1.59E+06	7.96E+05
4.38E+06	4.53E+06	5.62E+06	4.45E+06	4.26E+06	4.01E+06	4.97E+06	7.80E+06	5.34E+06
2.13E+06	1.99E+06	2.23E+06	1.86E+06	1.61E+06	1.68E+06	2.47E+06	3.28E+06	2.57E+06
1.66E+06	1.65E+06	1.89E+06	1.77E+06	1.64E+06	1.56E+06	2.41E+06	2.99E+06	2.39E+06
8.68E+04	8.60E+04	1.17E+05	6.86E+04	9.86E+04	7.74E+04	1.32E+05	2.30E+05	1.45E+05
1.92E+07	1.67E+07	2.82E+07	2.19E+07	1.95E+07	1.90E+07	3.84E+07	5.38E+07	3.51E+07
9.00E+05	9.27E+05	1.23E+06	1.18E+06	1.02E+06	1.09E+06	1.79E+06	2.32E+06	1.57E+06
7.69E+06	6.15E+06	1.20E+07	7.89E+06	7.60E+06	6.92E+06	1.71E+07	2.84E+07	1.52E+07
1.29E+06	1.28E+06	1.60E+06	1.28E+06	1.27E+06	1.18E+06	1.43E+06	2.17E+06	1.58E+06
3.57E+07	5.67E+07	3.60E+07	5.87E+07	2.31E+07	4.47E+07	5.56E+07	3.51E+07	6.35E+07
4.86E+04	5.86E+04	5.28E+04	3.50E+04	5.44E+04	5.49E+04	7.51E+04	1.11E+05	5.86E+04
7.37E+04	5.18E+04	1.15E+05	7.39E+04	6.19E+04	5.71E+04	1.47E+05	2.25E+05	1.11E+05
5.93E+05	4.52E+05	9.29E+05	5.80E+05	5.40E+05	4.71E+05	1.46E+06	2.39E+06	1.27E+06
2.11E+05	1.54E+05	3.44E+05	1.96E+05	1.89E+05	1.66E+05	5.77E+05	8.14E+05	3.66E+05
3.09E+07	2.69E+07	3.37E+07	3.06E+07	2.80E+07	2.68E+07	3.38E+07	5.15E+07	3.19E+07
2.34E+06	2.09E+06	2.65E+06	1.84E+06	2.14E+06	2.01E+06	2.33E+06	2.88E+06	2.36E+06
5.81E+07	5.78E+07	7.70E+07	6.19E+07	6.52E+07	5.39E+07	7.19E+07	1.02E+08	7.38E+07
1.91E+06	1.59E+06	2.07E+06	1.89E+06	1.73E+06	6.95E+05	8.80E+05	2.78E+06	1.87E+06
5.65E+05	4.28E+05	4.75E+05	3.92E+05	3.78E+05	4.01E+05	5.39E+05	8.04E+05	5.48E+05
3.42E+07	2.99E+07	4.97E+07	3.69E+07	3.86E+07	3.13E+07	6.50E+07	9.04E+07	5.23E+07

7.95E+05	6.46E+05	1.00E+06	9.05E+05	7.57E+05	7.87E+05	1.46E+06	2.02E+06	1.67E+06
2.10E+05	1.60E+05	3.25E+05	2.07E+05	1.96E+05	1.81E+05	4.45E+05	7.05E+05	3.92E+05
1.08E+07	7.81E+06	1.59E+07	9.97E+06	9.76E+06	8.22E+06	2.07E+07	3.02E+07	1.77E+07
2.03E+06	1.44E+06	2.98E+06	2.06E+06	2.12E+06	1.52E+06	3.98E+06	5.99E+06	3.42E+06
4.63E+07	4.49E+07	5.24E+07	4.85E+07	5.04E+07	4.73E+07	5.72E+07	7.57E+07	5.49E+07
1.89E+05	2.24E+05	2.40E+05	1.88E+05	1.50E+05	2.15E+05	1.80E+05	5.92E+04	1.82E+05
1.22E+06	9.56E+05	2.01E+06	1.12E+06	1.12E+06	9.22E+05	3.58E+06	6.06E+06	2.84E+06
1.76E+06	1.85E+06	2.55E+06	1.49E+06	2.18E+06	1.92E+06	2.61E+06	3.61E+06	2.84E+06
1.62E+07	1.59E+07	2.11E+07	1.80E+07	1.71E+07	1.82E+07	2.32E+07	2.55E+07	2.02E+07
5.72E+04	4.55E+04	8.54E+04	6.70E+04	5.36E+04	4.74E+04	2.76E+05	4.88E+05	2.64E+05
4.68E+04	3.87E+04	7.11E+04	4.29E+04	4.89E+04	3.91E+04	1.60E+05	2.77E+05	1.28E+05
8.54E+05	6.54E+05	1.22E+06	9.66E+05	8.30E+05	7.91E+05	1.29E+06	1.87E+06	1.48E+06
3.28E+05	3.61E+05	4.76E+05	4.53E+05	3.84E+05	3.95E+05	3.96E+05	4.35E+05	4.43E+05
1.82E+05	1.78E+05	2.28E+05	2.13E+05	2.10E+05	1.62E+05	2.53E+05	3.28E+05	2.48E+05
5.67E+04	6.68E+04	7.03E+04	3.75E+04	5.49E+04	5.39E+04	7.93E+04	1.00E+05	7.72E+04
9.51E+04	7.98E+04	1.19E+05	1.08E+05	9.61E+04	8.12E+04	1.44E+05	2.26E+05	1.37E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	4.23E+04	9.00E+00	9.00E+00	6.54E+04	1.03E+05	7.09E+04
5.93E+04	6.29E+04	7.69E+04	6.56E+04	5.86E+04	5.26E+04	8.03E+04	1.19E+05	7.41E+04
9.00E+00	9.00E+00	9.00E+00	2.93E+04	2.66E+04	9.00E+00	3.42E+04	4.78E+04	3.83E+04
7.27E+05	6.01E+05	1.03E+06	7.93E+05	7.53E+05	6.86E+05	1.37E+06	1.88E+06	1.12E+06
1.57E+04	1.71E+04	1.98E+04	1.65E+04	1.55E+04	1.43E+04	2.48E+04	4.48E+04	2.57E+04
2.29E+05	1.75E+05	3.55E+05	2.23E+05	2.22E+05	1.91E+05	4.19E+05	5.76E+05	3.59E+05
1.80E+03	8.29E+03	6.38E+03	3.90E+03	4.23E+03	6.46E+03	4.03E+03	6.41E+03	5.10E+03
4.33E+05	4.22E+05	6.24E+05	4.80E+05	4.30E+05	3.91E+05	6.03E+05	8.17E+05	5.29E+05
1.54E+04	1.61E+04	2.16E+04	1.39E+04	1.53E+04	1.31E+04	1.91E+04	3.24E+04	1.90E+04
3.51E+05	3.58E+05	4.78E+05	3.94E+05	3.79E+05	3.71E+05	4.32E+05	6.25E+05	4.83E+05
2.06E+05	1.87E+05	2.61E+05	2.14E+05	2.15E+05	2.02E+05	2.92E+05	3.76E+05	2.69E+05
1.42E+05	1.87E+05	2.32E+05	1.65E+05	1.34E+05	1.65E+05	1.74E+05	2.21E+05	1.69E+05
1.02E+06	1.14E+06	1.23E+06	7.09E+05	1.05E+06	1.09E+06	1.11E+06	1.53E+06	1.25E+06
7.60E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.33E+04	1.64E+04	3.78E+04	3.54E+04	3.21E+04	3.02E+04	5.72E+04	7.56E+04	5.41E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.02E+03	3.15E+03	1.69E+03
2.54E+04	3.07E+04	3.94E+04	2.36E+04	2.92E+04	1.67E+04	3.66E+04	4.72E+04	3.89E+04
5.58E+04	5.43E+04	7.64E+04	6.63E+04	7.05E+04	5.01E+04	7.40E+04	9.12E+04	5.97E+04
4.48E+04	3.56E+04	6.25E+04	4.67E+04	3.95E+04	3.98E+04	7.78E+04	1.15E+05	8.16E+04
1.26E+04	3.60E+04	6.76E+04	1.75E+04	2.39E+04	4.15E+04	2.06E+04	6.26E+04	8.08E+03
1.90E+04	4.80E+04	3.62E+04	2.07E+04	2.39E+04	3.03E+04	2.78E+04	3.94E+04	2.91E+04
4.12E+04	1.35E+05	1.26E+05	4.68E+04	6.54E+04	1.02E+05	4.20E+04	7.75E+04	3.86E+04
4.99E+06	5.93E+06	6.34E+06	3.75E+06	5.00E+06	4.66E+06	7.22E+06	1.11E+07	8.10E+06
6.83E+05	6.49E+05	9.39E+05	7.42E+05	5.91E+05	7.17E+05	1.13E+06	1.49E+06	1.19E+06
3.86E+04	6.82E+04	1.06E+05	8.60E+04	9.28E+04	7.22E+04	1.31E+05	2.11E+05	1.46E+05
3.44E+07	2.95E+07	5.52E+07	3.47E+07	3.24E+07	3.09E+07	6.04E+07	9.31E+07	6.13E+07
4.95E+05	4.65E+05	5.64E+05	5.14E+05	4.16E+05	5.24E+05	6.81E+05	9.36E+05	4.76E+05
7.07E+04	2.03E+04	8.97E+04	7.77E+04	4.87E+04	6.88E+04	8.77E+04	1.32E+05	9.58E+04
7.38E+06	8.07E+06	1.62E+07	8.61E+06	8.63E+06	7.80E+06	2.30E+07	4.09E+07	1.84E+07
2.30E+06	1.70E+06	1.55E+06	8.64E+05	1.04E+06	1.87E+06	1.48E+06	2.70E+06	1.62E+06
3.98E+06	4.26E+06	6.15E+06	4.38E+06	4.04E+06	4.27E+06	7.04E+06	9.63E+06	6.43E+06
4.28E+07	4.30E+07	4.72E+07	4.01E+07	3.50E+07	3.93E+07	4.00E+07	5.95E+07	4.37E+07
4.01E+05	8.47E+05	6.52E+05	2.76E+05	3.87E+05	6.85E+05	3.82E+05	5.23E+05	3.65E+05
2.29E+04	1.76E+04	3.41E+04	1.69E+04	1.80E+04	3.23E+03	1.54E+04	7.70E+04	5.03E+04
5.13E+05	3.73E+05	8.82E+05	4.84E+05	4.46E+05	3.90E+05	1.28E+06	2.39E+06	1.01E+06
3.58E+05	3.16E+05	5.56E+05	3.58E+05	3.13E+05	3.35E+05	7.11E+05	1.36E+06	7.38E+05

9.99E+07 8.52E+07 9.22E+07 8.50E+07 8.09E+07 8.23E+07 9.15E+07 1.39E+08 9.86E+07
3.07E+06 3.74E+06 3.34E+06 3.01E+06 2.68E+06 3.03E+06 3.49E+06 4.23E+06 3.63E+06
2.96E+08 2.95E+08 3.19E+08 2.85E+08 2.99E+08 2.71E+08 3.09E+08 3.45E+08 3.06E+08
3.62E+04 1.94E+04 5.48E+04 3.24E+04 1.78E+04 1.92E+04 9.95E+04 1.67E+05 6.77E+04
4.74E+04 4.12E+04 5.67E+04 3.21E+04 4.07E+04 1.26E+04 7.02E+04 1.29E+05 5.76E+04
3.54E+06 3.02E+06 4.27E+06 3.19E+06 2.80E+06 2.61E+06 4.23E+06 7.31E+06 4.14E+06
2.41E+05 2.50E+05 2.40E+05 2.06E+05 2.64E+05 2.01E+05 2.55E+05 3.46E+05 2.84E+05
2.08E+06 2.08E+06 2.41E+06 2.15E+06 2.23E+06 2.06E+06 2.83E+06 3.49E+06 2.58E+06
2.06E+05 2.06E+05 2.24E+05 1.92E+05 1.90E+05 2.00E+05 2.21E+05 3.13E+05 1.76E+05
6.54E+06 6.66E+06 7.64E+06 6.52E+06 5.65E+06 6.30E+06 7.41E+06 8.81E+06 7.49E+06
1.19E+06 1.05E+06 2.16E+06 1.34E+06 1.15E+06 1.17E+06 3.01E+06 4.66E+06 2.82E+06
2.44E+04 2.53E+04 3.89E+04 3.28E+04 2.97E+04 2.67E+04 6.74E+04 1.09E+05 6.01E+04
1.73E+05 1.60E+05 2.74E+05 1.89E+05 1.66E+05 1.58E+05 3.69E+05 5.59E+05 3.70E+05
2.06E+05 2.43E+05 2.94E+05 2.67E+05 2.12E+05 2.30E+05 2.82E+05 4.22E+05 2.57E+05
2.53E+06 2.43E+06 3.70E+06 2.83E+06 2.37E+06 2.44E+06 3.63E+06 5.23E+06 3.42E+06
1.66E+05 1.36E+05 2.53E+05 1.45E+05 1.65E+05 1.58E+05 2.41E+05 2.90E+05 2.14E+05
8.41E+05 8.30E+05 1.02E+06 8.71E+05 9.18E+05 8.81E+05 1.11E+06 1.33E+06 9.59E+05
1.49E+06 1.11E+06 2.52E+06 1.54E+06 1.36E+06 1.27E+06 3.43E+06 6.20E+06 3.21E+06
3.89E+07 2.84E+07 5.91E+07 3.94E+07 3.64E+07 3.28E+07 8.72E+07 1.46E+08 8.08E+07
1.54E+06 1.38E+06 2.18E+06 1.77E+06 1.65E+06 1.69E+06 2.47E+06 3.79E+06 2.71E+06
5.54E+05 4.39E+05 8.49E+05 5.27E+05 4.95E+05 4.61E+05 1.40E+06 2.08E+06 1.11E+06
1.07E+07 8.50E+06 1.72E+07 1.02E+07 1.02E+07 9.29E+06 2.64E+07 4.08E+07 2.18E+07
6.00E+06 5.83E+06 7.20E+06 5.70E+06 5.46E+06 5.66E+06 7.01E+06 8.90E+06 7.02E+06
1.25E+08 1.19E+08 1.45E+08 1.20E+08 1.16E+08 1.21E+08 1.23E+08 1.77E+08 1.45E+08
1.59E+06 1.95E+06 2.17E+06 1.52E+06 1.85E+06 1.75E+06 1.57E+06 2.18E+06 1.49E+06
2.14E+04 1.38E+04 2.41E+04 1.03E+04 1.30E+04 1.65E+04 5.01E+04 7.81E+04 5.31E+04
6.99E+05 4.68E+05 1.32E+06 7.18E+05 5.68E+05 5.18E+05 2.04E+06 3.62E+06 1.68E+06
7.65E+05 6.78E+05 1.02E+06 6.39E+05 5.92E+05 5.98E+05 1.01E+06 2.01E+06 8.07E+05
9.64E+07 7.52E+07 1.04E+08 7.77E+07 7.21E+07 7.04E+07 1.15E+08 1.79E+08 9.75E+07
7.12E+06 7.11E+06 7.63E+06 6.00E+06 6.68E+06 7.54E+06 9.07E+06 1.01E+07 8.43E+06
3.44E+08 3.41E+08 3.76E+08 3.51E+08 3.29E+08 3.41E+08 2.70E+08 4.13E+08 3.78E+08
3.75E+04 2.78E+04 6.94E+04 4.25E+04 2.57E+04 4.03E+04 1.28E+05 2.36E+05 7.40E+04
1.09E+05 7.84E+04 1.22E+05 8.38E+04 8.08E+04 8.99E+04 1.95E+05 2.92E+05 1.41E+05
7.35E+04 7.07E+04 8.10E+04 6.06E+04 4.99E+04 5.97E+04 9.38E+04 1.88E+05 8.72E+04
1.49E+06 1.10E+06 1.66E+06 1.02E+06 1.08E+06 1.16E+06 2.03E+06 3.61E+06 1.95E+06
2.06E+06 1.96E+06 2.78E+06 2.10E+06 2.08E+06 2.06E+06 2.77E+06 5.00E+06 2.84E+06
2.49E+05 2.48E+05 4.09E+05 3.30E+05 2.74E+05 2.95E+05 5.51E+05 7.27E+05 4.54E+05
1.75E+06 1.37E+06 2.02E+06 1.88E+06 1.78E+06 1.73E+06 2.95E+06 4.18E+06 2.86E+06
2.48E+05 2.02E+05 3.45E+05 2.74E+05 2.28E+05 2.24E+05 5.44E+05 6.50E+05 4.07E+05
8.88E+07 7.94E+07 1.36E+08 9.06E+07 8.97E+07 7.69E+07 1.79E+08 2.21E+08 1.58E+08
7.47E+05 5.84E+05 8.86E+05 9.28E+05 7.18E+05 7.59E+05 1.46E+06 1.88E+06 1.17E+06
4.50E+05 3.22E+05 8.50E+05 4.09E+05 4.16E+05 3.56E+05 1.22E+06 2.33E+06 8.75E+05
1.59E+06 1.29E+06 2.93E+06 1.59E+06 1.45E+06 1.17E+06 5.85E+06 1.15E+07 5.77E+06
2.14E+07 1.54E+07 3.33E+07 1.93E+07 1.84E+07 1.73E+07 5.25E+07 8.35E+07 4.20E+07
1.87E+06 2.73E+06 2.22E+06 3.56E+06 3.56E+06 1.30E+06 2.77E+06 1.01E+07 5.84E+06
5.30E+06 3.22E+06 7.57E+06 5.31E+06 5.31E+06 5.09E+06 9.38E+06 1.42E+07 9.21E+06
4.95E+07 4.37E+07 5.60E+07 4.99E+07 4.42E+07 4.47E+07 6.29E+07 8.62E+07 5.88E+07
1.04E+06 1.25E+06 1.42E+06 9.41E+05 1.01E+06 1.22E+06 1.18E+06 1.64E+06 1.27E+06
3.82E+04 3.60E+04 5.54E+04 2.41E+04 3.26E+04 2.09E+04 1.28E+05 2.76E+05 1.24E+05
1.79E+06 1.29E+06 3.21E+06 1.74E+06 1.77E+06 1.34E+06 6.07E+06 1.05E+07 5.17E+06
1.30E+06 8.70E+05 2.10E+06 9.49E+05 1.02E+06 8.82E+05 2.12E+06 4.19E+06 1.30E+06
7.37E+07 6.01E+07 9.49E+07 6.63E+07 6.26E+07 5.74E+07 9.54E+07 1.28E+08 7.60E+07
1.87E+06 1.57E+06 2.36E+06 1.73E+06 1.87E+06 2.02E+06 2.92E+06 3.83E+06 2.30E+06
1.47E+08 1.36E+08 1.64E+08 1.41E+08 1.37E+08 1.32E+08 1.65E+08 2.04E+08 1.59E+08

1.02E+05	4.85E+04	1.42E+05	7.71E+04	8.86E+04	8.90E+04	3.54E+05	6.59E+05	2.63E+05
1.77E+06	1.24E+06	2.49E+06	1.70E+06	1.62E+06	1.26E+06	2.76E+06	4.68E+06	2.32E+06
8.11E+05	5.94E+05	8.94E+05	6.15E+05	6.43E+05	5.94E+05	1.02E+06	1.37E+06	9.98E+05
1.64E+04	2.12E+04	1.78E+04	1.62E+04	3.19E+04	2.39E+04	9.12E+04	4.70E+04	6.84E+04
8.34E+05	6.68E+05	1.20E+06	9.39E+05	7.95E+05	7.51E+05	1.43E+06	2.09E+06	1.26E+06
6.73E+04	6.55E+04	9.42E+04	8.89E+04	6.39E+04	7.43E+04	8.36E+04	1.42E+05	1.08E+05
1.67E+05	1.89E+05	1.87E+05	1.31E+05	1.88E+05	1.38E+05	2.61E+05	2.81E+05	1.50E+05
9.24E+05	8.19E+05	1.05E+06	1.04E+06	7.96E+05	9.45E+05	1.23E+06	1.48E+06	1.10E+06
1.98E+04	2.89E+04	4.41E+04	3.69E+04	3.08E+04	3.13E+04	1.36E+04	2.51E+04	2.07E+04
1.27E+05	9.53E+04	1.18E+05	1.40E+05	1.36E+05	9.98E+04	1.55E+05	1.75E+05	1.13E+05
2.35E+06	2.26E+06	2.79E+06	2.97E+06	2.67E+06	2.31E+06	3.39E+06	4.14E+06	2.87E+06
9.00E+00	3.99E+04	5.73E+04	3.64E+04	5.29E+04	2.87E+04	8.59E+04	1.34E+05	8.08E+04
6.61E+04	1.33E+05	1.12E+05	1.39E+05	1.24E+05	1.04E+05	1.14E+05	1.64E+05	1.17E+05
3.34E+04	3.88E+04	5.04E+04	3.08E+04	4.20E+04	3.00E+04	3.53E+04	5.42E+04	4.91E+04
4.26E+04	2.62E+04	4.93E+04	4.78E+04	2.68E+04	3.99E+04	1.36E+05	1.79E+05	6.11E+04
1.74E+05	1.66E+05	2.67E+05	1.91E+05	1.75E+05	1.65E+05	2.82E+05	4.53E+05	2.54E+05
9.42E+05	7.98E+05	1.65E+06	1.11E+06	9.91E+05	8.71E+05	1.98E+06	2.80E+06	1.88E+06
4.58E+04	3.33E+04	8.06E+04	5.42E+04	6.12E+04	4.21E+04	8.50E+04	1.59E+05	7.81E+04
7.46E+04	6.31E+04	7.77E+04	7.93E+04	6.44E+04	7.07E+04	9.75E+04	1.55E+05	8.96E+04
2.60E+04	1.81E+04	4.27E+04	3.35E+04	2.87E+04	2.41E+04	4.84E+04	5.97E+04	4.18E+04
6.36E+04	3.11E+04	1.01E+05	6.36E+04	5.22E+04	5.35E+04	1.29E+05	2.36E+05	1.30E+05
1.51E+06	1.60E+06	2.11E+06	1.73E+06	1.54E+06	1.61E+06	2.01E+06	2.75E+06	2.33E+06
1.41E+05	1.24E+05	1.93E+05	1.51E+05	1.17E+05	1.07E+05	2.39E+05	3.19E+05	2.00E+05
4.56E+05	4.56E+05	5.82E+05	5.91E+05	5.55E+05	4.61E+05	6.90E+05	8.09E+05	6.75E+05
5.82E+04	5.14E+04	8.48E+04	6.12E+04	6.62E+04	3.75E+04	9.89E+04	1.51E+05	9.47E+04
2.45E+05	3.16E+05	2.69E+05	2.91E+05	1.80E+05	2.44E+05	2.90E+05	4.34E+05	3.12E+05
1.03E+05	1.11E+05	1.68E+05	1.32E+05	1.14E+05	1.24E+05	1.39E+05	2.54E+05	1.49E+05
1.98E+04	8.49E+03	1.89E+04	1.18E+04	8.99E+03	1.10E+04	2.41E+04	4.65E+04	2.14E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.33E+04	9.00E+00
1.64E+05	1.29E+05	7.81E+04	1.43E+05	1.47E+05	8.86E+04	2.80E+05	4.58E+05	2.64E+05
1.35E+05	1.17E+05	2.15E+05	1.70E+05	1.54E+05	1.36E+05	2.20E+05	3.50E+05	2.24E+05
3.83E+04	1.78E+04	2.36E+04	1.50E+04	2.22E+04	2.54E+04	2.96E+04	1.95E+04	3.46E+04
5.66E+04	5.07E+04	9.74E+04	5.74E+04	5.89E+04	4.36E+04	1.21E+05	1.61E+05	8.14E+04
1.26E+05	1.16E+05	1.20E+05	1.18E+05	1.23E+05	1.20E+05	1.28E+05	1.56E+05	1.24E+05
2.01E+04	1.82E+04	2.19E+04	1.53E+04	2.15E+04	2.04E+04	1.96E+04	2.47E+04	2.02E+04
6.36E+03	6.67E+03	6.19E+03	5.76E+03	6.42E+03	6.58E+03	6.81E+03	6.73E+03	6.52E+03
2.30E+04	2.05E+04	2.25E+04	2.35E+04	1.99E+04	1.81E+04	2.28E+04	3.64E+04	2.30E+04
3.54E+05	2.96E+05	3.58E+05	2.88E+05	2.95E+05	3.21E+05	3.27E+05	4.18E+05	3.61E+05
1.77E+04	2.13E+04	1.99E+04	1.70E+04	2.01E+04	1.82E+04	1.80E+04	2.56E+04	2.41E+04
7.10E+03	6.31E+03	8.62E+03	1.03E+04	1.05E+04	7.79E+03	7.90E+03	1.15E+04	7.45E+03
3.98E+05	3.93E+05	4.09E+05	3.59E+05	3.15E+05	4.05E+05	4.24E+05	5.27E+05	3.19E+05
1.08E+04	9.96E+03	9.44E+03	5.58E+03	7.29E+03	1.28E+04	1.20E+04	1.24E+04	1.35E+04
6.76E+04	5.84E+04	8.09E+04	5.52E+04	7.80E+04	5.65E+04	7.30E+04	9.09E+04	1.08E+05
2.69E+06	3.11E+06	2.80E+06	1.78E+06	2.83E+06	2.35E+06	2.93E+06	3.47E+06	3.46E+06
1.08E+05	1.04E+05	1.39E+05	2.49E+04	9.66E+04	8.72E+04	1.52E+05	1.60E+05	9.78E+04
4.92E+05	3.83E+05	5.60E+05	4.54E+05	4.95E+05	5.81E+05	5.62E+05	8.69E+05	4.20E+05
3.98E+06	4.41E+06	4.31E+06	3.59E+06	3.59E+06	3.95E+06	3.89E+06	4.77E+06	4.52E+06
3.58E+05	2.38E+05	5.74E+05	5.34E+05	7.81E+05	6.67E+05	4.28E+05	5.01E+05	1.36E+05
5.65E+05	7.49E+05	7.40E+05	6.19E+05	7.68E+05	7.38E+05	8.38E+05	8.86E+05	7.91E+05
2.42E+05	1.79E+05	2.83E+05	2.21E+05	1.78E+05	2.11E+05	4.71E+05	5.86E+05	4.04E+05
1.20E+05	1.42E+05	1.52E+05	9.00E+04	1.06E+05	1.31E+05	1.07E+05	1.21E+05	1.29E+05
4.22E+05	3.90E+05	4.01E+05	3.76E+05	3.95E+05	3.91E+05	3.68E+05	4.68E+05	4.51E+05
1.80E+06	2.00E+06	1.29E+06	1.79E+06	1.58E+06	1.41E+06	1.38E+06	2.59E+06	2.23E+06
1.67E+07	1.59E+07	1.60E+07	1.58E+07	1.78E+07	1.53E+07	1.67E+07	1.62E+07	1.85E+07

4.76E+05 5.87E+05 5.49E+05 6.05E+05 6.87E+05 6.10E+05 5.01E+05 4.74E+05 4.88E+05
8.80E+04 7.87E+04 7.47E+04 8.05E+04 6.78E+04 8.64E+04 8.86E+04 6.85E+04 8.28E+04
1.68E+04 2.91E+04 1.84E+04 1.51E+04 2.20E+04 2.82E+04 1.24E+04 2.20E+04 3.00E+04
9.10E+04 1.09E+05 1.58E+05 9.30E+04 9.67E+04 8.99E+04 8.71E+04 1.01E+05 1.04E+05
4.19E+05 5.08E+05 1.32E+05 5.49E+04 3.98E+04 5.34E+05 2.78E+05 3.03E+05 3.47E+05
1.55E+04 1.39E+04 2.37E+04 2.85E+04 1.06E+04 1.94E+04 5.46E+03 1.59E+04 1.50E+04
8.89E+03 1.57E+04 1.66E+04 8.04E+03 4.62E+04 2.05E+04 4.94E+03 2.07E+04 2.04E+03
3.13E+05 2.54E+05 1.64E+05 2.90E+05 2.74E+05 3.31E+05 2.13E+05 2.77E+05 3.18E+05
4.84E+04 5.20E+04 5.98E+04 2.55E+04 3.86E+04 4.02E+04 5.22E+04 6.02E+04 6.03E+04
4.51E+04 4.42E+04 3.98E+04 4.60E+04 4.39E+04 4.09E+04 4.84E+04 4.75E+04 2.24E+04
1.15E+04 7.81E+03 7.62E+03 6.79E+03 4.38E+03 9.07E+03 7.59E+03 2.48E+04 8.37E+03
3.01E+06 3.06E+06 3.73E+06 2.93E+06 3.22E+06 2.79E+06 2.95E+06 3.85E+06 3.40E+06
1.03E+05 1.11E+05 2.27E+05 1.44E+05 1.38E+05 1.54E+05 1.69E+05 1.88E+05 1.49E+05
9.00E+00 9.00E+00 9.00E+00 9.00E+00 9.00E+00 9.00E+00 3.36E+03 3.36E+03 1.08E+03
3.17E+04 5.73E+04 5.07E+04 3.22E+04 3.14E+04 3.07E+04 3.63E+04 5.63E+04 5.23E+04
1.39E+05 1.72E+05 1.96E+05 1.16E+05 1.59E+05 1.44E+05 1.88E+05 2.51E+05 2.09E+05
6.49E+06 6.54E+06 8.14E+06 7.28E+06 6.58E+06 6.52E+06 6.84E+06 9.02E+06 8.46E+06
5.67E+05 5.97E+05 6.70E+05 4.35E+05 4.51E+05 4.68E+05 6.68E+05 7.03E+05 7.67E+05
4.69E+03 1.25E+04 2.93E+04 1.55E+04 3.31E+04 2.73E+04 2.21E+04 3.17E+04 2.83E+04
4.22E+07 3.91E+07 4.90E+07 4.15E+07 4.22E+07 4.13E+07 4.06E+07 5.21E+07 4.42E+07
3.21E+04 4.62E+04 6.45E+04 6.54E+04 4.53E+04 5.76E+04 5.69E+04 5.72E+04 4.75E+04
1.78E+06 1.86E+06 2.18E+06 2.09E+06 1.63E+06 1.96E+06 2.11E+06 2.02E+06 2.02E+06
3.52E+06 3.95E+06 3.62E+06 3.74E+06 3.39E+06 3.81E+06 3.54E+06 4.31E+06 4.51E+06
1.29E+05 1.13E+05 2.28E+05 1.45E+05 1.24E+05 1.94E+05 1.25E+05 1.36E+05 1.13E+05
1.23E+06 1.27E+06 1.10E+06 1.32E+06 1.36E+06 1.24E+06 1.00E+06 1.22E+06 1.18E+06
9.00E+00 9.00E+00 4.45E+04 9.00E+00 9.00E+00 9.00E+00 2.98E+04 4.40E+04 5.32E+04
4.47E+04 3.94E+04 5.36E+04 4.83E+04 3.41E+04 3.10E+04 5.72E+04 7.03E+04 4.73E+04
2.32E+03 9.00E+00 6.82E+03 9.00E+00 9.00E+00 9.00E+00 2.89E+03 3.34E+03 2.57E+03
3.17E+04 2.94E+04 3.13E+04 4.25E+04 3.37E+04 2.33E+04 3.93E+04 3.22E+04 3.20E+04
2.98E+04 4.27E+04 5.18E+04 1.29E+04 3.41E+04 4.69E+04 3.08E+04 4.32E+04 3.84E+04
1.34E+04 1.48E+04 1.29E+04 1.12E+04 1.18E+04 1.29E+04 1.31E+04 1.47E+04 1.21E+04
2.19E+04 1.91E+04 2.54E+04 1.69E+04 4.66E+04 3.79E+04 2.82E+04 3.54E+04 2.95E+04
2.01E+04 4.10E+04 4.82E+04 2.15E+04 2.51E+04 5.31E+04 1.87E+04 4.08E+04 1.13E+04
6.18E+02 1.98E+03 1.67E+03 1.36E+03 3.00E+03 4.05E+03 7.20E+02 1.21E+03 9.00E+00
6.87E+03 9.15E+03 1.22E+04 1.04E+04 1.02E+04 1.26E+04 1.11E+04 1.30E+04 4.06E+03
1.63E+04 2.53E+04 3.33E+04 3.71E+04 2.17E+04 3.87E+04 2.54E+04 2.53E+04 2.61E+04
8.04E+03 1.33E+04 1.23E+04 1.20E+04 1.70E+04 2.25E+04 1.33E+04 1.80E+04 1.39E+04
1.81E+05 1.83E+05 3.21E+05 1.87E+05 1.72E+05 1.84E+05 2.33E+05 2.76E+05 2.30E+05
6.10E+04 5.21E+04 8.95E+04 8.64E+04 5.87E+04 8.23E+04 9.21E+04 1.04E+05 7.32E+04
5.37E+05 6.86E+05 4.35E+05 3.72E+05 3.35E+05 3.68E+05 3.13E+05 5.83E+05 3.99E+05
7.78E+04 1.63E+05 1.23E+05 8.90E+04 1.18E+05 1.03E+05 1.18E+05 1.11E+05 1.05E+05
4.16E+04 2.58E+04 4.28E+04 3.95E+04 4.16E+04 3.40E+04 2.82E+04 4.87E+04 3.88E+04
4.33E+05 4.04E+05 3.89E+05 2.94E+05 2.60E+05 4.19E+05 2.97E+05 2.65E+05 4.37E+05
1.58E+04 2.22E+04 2.03E+04 3.65E+04 3.24E+04 2.77E+04 2.33E+04 2.41E+04 2.69E+04
1.25E+04 1.64E+04 1.02E+04 1.24E+04 4.41E+03 1.51E+04 1.30E+04 2.06E+04 2.27E+04
1.75E+05 2.27E+05 1.52E+05 1.61E+05 1.99E+05 1.74E+05 1.88E+05 1.46E+05 2.14E+05
4.28E+03 5.58E+03 6.50E+03 4.26E+03 5.58E+03 4.67E+03 4.52E+03 5.27E+03 1.58E+03
6.47E+03 9.00E+00 6.38E+03 9.91E+03 5.94E+03 9.00E+00 1.06E+04 1.42E+04 7.29E+03
1.01E+05 1.23E+05 1.18E+05 1.15E+05 1.07E+05 1.54E+05 1.62E+05 1.90E+05 1.59E+05
5.28E+05 6.28E+05 7.36E+05 7.61E+05 5.49E+05 1.17E+06 8.32E+05 1.09E+06 6.90E+05
2.27E+06 2.41E+06 2.40E+06 2.31E+06 2.39E+06 2.31E+06 2.68E+06 2.87E+06 2.64E+06
2.18E+04 6.09E+04 4.21E+04 4.37E+04 4.86E+04 4.06E+04 5.61E+04 6.24E+04 5.17E+04
1.31E+06 1.39E+06 1.50E+06 1.35E+06 1.42E+06 1.33E+06 1.31E+06 1.23E+06 1.36E+06
4.24E+03 1.26E+04 8.36E+03 5.88E+03 7.99E+02 3.19E+03 4.22E+03 7.66E+03 4.02E+03

3.27E+04	3.39E+04	4.08E+04	2.76E+04	3.75E+04	3.22E+04	3.00E+04	3.17E+04	2.42E+04
2.63E+05	3.65E+05	2.93E+05	3.18E+05	1.99E+05	2.53E+05	2.33E+05	2.68E+05	3.33E+05
1.05E+04	2.44E+04	1.92E+04	1.39E+04	1.52E+04	2.23E+04	1.79E+04	1.86E+04	1.22E+04
8.04E+03	8.18E+03	5.70E+03	8.17E+02	4.09E+03	8.11E+03	4.09E+03	4.90E+03	4.83E+03
2.22E+05	2.36E+05	3.42E+05	2.52E+05	2.03E+05	4.25E+05	3.42E+05	4.03E+05	2.79E+05
6.17E+06	7.60E+06	8.69E+06	7.82E+06	6.86E+06	1.12E+07	9.30E+06	1.10E+07	7.98E+06
7.09E+04	9.86E+04	1.05E+05	7.23E+04	6.98E+04	7.88E+04	9.20E+04	9.48E+04	1.03E+05
5.45E+03	6.82E+03	5.88E+03	5.80E+03	4.77E+03	4.21E+03	4.30E+03	6.88E+03	5.40E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.75E+03	1.90E+03	2.88E+03	2.58E+03
7.28E+03	1.11E+04	1.17E+04	7.99E+03	1.16E+04	1.19E+04	1.05E+04	9.30E+03	1.10E+04
2.42E+03	2.78E+03	3.46E+03	3.49E+03	2.52E+03	3.18E+03	2.04E+03	2.60E+03	2.29E+03
1.54E+04	2.51E+04	2.51E+04	1.56E+04	1.88E+04	2.51E+04	1.81E+04	2.16E+04	2.21E+04
8.05E+03	8.68E+03	9.54E+03	8.60E+03	1.00E+04	9.23E+03	7.65E+03	9.25E+03	7.45E+03
5.13E+03	4.20E+03	5.47E+03	3.81E+03	4.18E+03	4.27E+03	3.94E+03	4.67E+03	5.55E+03
2.36E+03	1.88E+03	3.17E+03	2.24E+03	1.95E+03	2.42E+03	2.67E+03	2.64E+03	2.49E+03
6.93E+02	5.75E+02	6.21E+02	9.00E+00	5.55E+02	7.68E+02	9.00E+00	1.31E+03	9.00E+00
1.25E+04	8.58E+03	1.49E+04	9.96E+03	9.64E+03	1.13E+04	9.77E+03	9.33E+03	1.09E+04
1.68E+05	2.25E+05	1.88E+05	2.51E+05	2.27E+05	2.19E+05	1.84E+05	2.82E+05	1.85E+05
2.35E+04	2.35E+04	2.77E+04	2.52E+04	2.36E+04	2.36E+04	2.28E+04	2.76E+04	2.37E+04
1.14E+04	2.45E+04	1.40E+04	1.87E+04	1.92E+04	1.61E+04	1.60E+04	2.34E+03	1.03E+04
1.26E+04	1.60E+04	1.17E+04	9.72E+03	8.50E+03	1.31E+04	6.68E+03	2.31E+04	1.55E+04
2.57E+04	1.87E+04	3.78E+04	6.36E+04	3.67E+04	5.52E+04	6.95E+04	4.44E+04	2.90E+04
5.68E+03	1.09E+03	5.69E+03	8.48E+03	2.16E+03	5.01E+03	7.07E+03	3.22E+03	3.61E+03
9.00E+00	1.25E+04	9.00E+00	9.00E+00	9.00E+00	2.04E+04	9.00E+00	9.00E+00	9.00E+00
4.37E+04	3.74E+04	5.75E+04	2.47E+04	4.45E+04	4.25E+04	4.62E+04	5.87E+04	3.54E+04
9.00E+00	1.99E+03	9.00E+00	2.92E+03	9.00E+00	9.00E+00	3.04E+03	4.16E+03	8.42E+02
9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.28E+03	9.00E+00	7.18E+03	9.49E+03	8.10E+03
3.75E+04	1.31E+05	1.82E+05	5.41E+04	6.59E+04	1.01E+05	1.77E+05	1.62E+05	1.36E+05
2.67E+04	1.95E+04	2.64E+04	2.65E+04	2.03E+04	1.29E+04	2.65E+04	3.00E+04	1.94E+04
2.20E+04	3.08E+04	3.20E+04	3.20E+04	2.57E+04	5.22E+04	3.38E+04	4.96E+04	2.90E+04
1.67E+05	1.97E+05	1.99E+05	1.78E+05	1.53E+05	1.86E+05	2.20E+05	2.28E+05	2.14E+05
2.63E+03	6.18E+03	5.53E+03	5.56E+03	6.59E+03	7.51E+03	4.87E+03	4.26E+03	4.00E+03
1.50E+05	1.91E+05	1.50E+05	2.11E+05	8.60E+04	2.34E+05	2.16E+05	3.01E+05	2.32E+05
2.08E+04	2.34E+04	2.39E+04	1.95E+04	2.49E+04	2.40E+04	2.58E+04	2.93E+04	2.55E+04
1.52E+05	1.67E+05	1.86E+05	1.86E+05	1.75E+05	1.71E+05	1.57E+05	1.78E+05	1.90E+05
2.13E+05	2.18E+05	2.30E+05	2.01E+05	2.40E+05	2.68E+05	1.87E+05	1.49E+05	2.21E+05
9.00E+00	1.45E+04	9.00E+00	9.00E+00	1.77E+04	9.00E+00	2.00E+04	2.76E+04	2.09E+04
2.59E+05	1.79E+05	3.27E+05	1.88E+05	2.89E+05	2.23E+05	2.25E+05	3.83E+05	2.79E+05
9.39E+04	1.25E+05	9.40E+04	8.37E+04	5.98E+04	9.76E+04	7.35E+04	9.92E+04	1.21E+05
1.39E+06	1.35E+06	1.85E+06	1.68E+06	1.71E+06	1.38E+06	1.43E+06	1.61E+06	1.51E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.23E+04	9.00E+00	9.00E+00
7.61E+05	7.10E+05	7.97E+05	7.22E+05	8.27E+05	7.26E+05	7.13E+05	1.05E+06	8.06E+05
5.72E+03	2.40E+03	3.32E+03	3.60E+03	4.61E+03	1.68E+03	1.72E+03	4.32E+03	1.64E+03
2.67E+04	1.57E+04	3.65E+04	2.50E+04	1.67E+04	4.59E+03	6.42E+03	4.07E+04	1.66E+04
2.73E+04	2.32E+04	2.41E+04	2.25E+04	2.76E+04	2.67E+04	2.44E+04	3.07E+04	2.34E+04
3.19E+05	2.65E+05	3.16E+05	3.23E+05	2.68E+05	3.02E+05	3.39E+05	3.93E+05	3.47E+05
2.73E+04	2.23E+04	3.53E+04	2.58E+04	2.94E+04	1.52E+04	2.27E+04	4.15E+04	2.13E+04
1.55E+05	1.68E+05	2.37E+05	2.59E+05	1.94E+05	1.59E+05	2.38E+05	1.86E+05	1.82E+05
3.62E+05	3.29E+05	3.96E+05	3.89E+05	3.51E+05	4.31E+05	3.37E+05	2.82E+05	4.03E+05
8.60E+02	1.84E+03	2.81E+03	9.00E+03	8.91E+03	4.53E+03	2.73E+03	6.18E+03	2.63E+03
3.96E+04	4.58E+04	5.72E+04	2.47E+04	3.73E+04	5.12E+04	4.64E+04	6.29E+04	4.60E+04
6.11E+03	4.55E+03	6.15E+03	4.73E+03	4.81E+03	5.89E+03	6.77E+03	6.37E+03	6.11E+03
1.45E+04	1.06E+04	1.51E+04	1.26E+04	1.11E+04	1.10E+04	8.50E+03	1.12E+04	1.07E+04
7.70E+04	9.60E+04	8.71E+04	5.86E+04	9.88E+04	7.88E+04	9.00E+00	1.09E+05	9.00E+00

3.90E+05	3.02E+05	4.48E+05	3.98E+05	3.19E+05	2.89E+05	4.29E+05	5.38E+05	4.06E+05
6.43E+04	9.25E+04	1.18E+05	7.73E+04	9.15E+04	1.20E+05	9.80E+04	1.42E+05	7.88E+04
8.84E+05	1.18E+06	1.46E+06	1.08E+06	1.01E+06	1.38E+06	1.17E+06	1.18E+06	1.02E+06
5.21E+05	6.59E+05	5.37E+05	3.24E+05	7.11E+05	8.03E+05	6.01E+05	3.63E+05	5.31E+05
6.22E+04	6.51E+04	7.23E+04	6.22E+04	6.71E+04	6.22E+04	5.72E+04	6.06E+04	6.03E+04
1.60E+04	1.82E+04	4.78E+03	1.94E+04	1.84E+04	1.92E+04	2.56E+04	4.04E+04	1.97E+04
2.53E+06	2.07E+06	2.50E+06	2.46E+06	2.18E+06	2.31E+06	2.13E+06	2.59E+06	2.41E+06
1.49E+07	1.40E+07	1.55E+07	1.27E+07	1.26E+07	1.42E+07	1.45E+07	1.62E+07	1.48E+07
9.33E+03	1.87E+04	2.04E+04	3.44E+03	6.73E+03	1.27E+04	6.78E+03	1.79E+04	4.24E+03
8.34E+04	6.43E+04	8.67E+04	3.91E+04	7.00E+04	5.40E+04	7.77E+04	3.39E+04	8.40E+04
6.00E+03	8.99E+03	1.19E+04	8.07E+03	4.95E+03	5.97E+03	3.09E+03	1.10E+04	3.01E+03
3.07E+04	4.51E+04	6.22E+04	4.94E+04	6.16E+04	5.31E+04	3.26E+04	6.32E+04	4.79E+04
1.10E+05	9.69E+04	1.43E+05	8.15E+04	4.11E+04	1.05E+05	1.24E+05	1.83E+05	1.40E+05
9.00E+00	9.00E+00	9.00E+00	7.40E+03	7.37E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.43E+06	1.36E+06	1.50E+06	1.70E+06	1.34E+06	1.31E+06	1.49E+06	1.97E+06	1.43E+06
5.88E+03	7.43E+03	4.86E+03	3.10E+03	6.64E+03	5.61E+03	4.08E+03	8.49E+03	3.06E+03
1.79E+04	1.14E+04	2.34E+04	1.69E+04	2.63E+04	2.38E+04	2.45E+04	2.38E+04	2.30E+04
8.60E+03	4.51E+03	1.71E+04	5.18E+03	1.34E+04	6.58E+03	5.91E+03	8.65E+03	6.58E+03
4.45E+03	8.19E+03	1.41E+04	1.18E+04	1.35E+04	1.16E+04	1.09E+04	1.45E+04	6.64E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.02E+03	9.50E+03	1.79E+03	1.24E+04	9.66E+03	1.08E+04	5.93E+03	5.83E+03	2.67E+03
2.38E+04	2.57E+04	2.27E+04	2.59E+04	4.82E+04	3.75E+04	2.72E+04	3.24E+04	2.95E+04
2.37E+04	5.32E+04	2.16E+04	5.24E+04	5.15E+04	4.20E+04	4.59E+04	3.77E+04	5.85E+04
7.87E+03	2.95E+03	9.81E+03	2.97E+03	3.93E+03	3.91E+03	1.10E+04	7.82E+03	7.86E+03
2.97E+05	2.08E+05	3.92E+05	3.04E+05	2.53E+05	3.00E+05	3.17E+05	3.13E+05	3.18E+05
4.11E+04	9.00E+00	5.71E+04	9.00E+00	4.84E+04	9.00E+00	2.85E+04	9.00E+00	4.90E+04
9.00E+00	6.22E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.21E+04	4.61E+04	5.34E+04	7.02E+04	4.66E+04	5.20E+04	5.28E+04	6.25E+04	5.32E+04
6.85E+05	5.45E+05	6.60E+05	6.16E+05	6.32E+05	5.63E+05	6.87E+05	8.98E+05	6.12E+05
1.81E+04	1.92E+04	3.61E+04	1.94E+04	4.04E+04	3.62E+04	3.07E+04	6.45E+04	3.53E+04
3.47E+04	3.86E+04	4.62E+04	5.65E+04	3.77E+04	3.50E+04	3.23E+04	5.42E+04	3.60E+04
2.87E+04	1.91E+04	3.53E+04	2.94E+04	1.92E+04	2.75E+04	2.56E+04	4.26E+04	3.16E+04
1.70E+05	1.08E+05	1.91E+05	1.48E+05	1.65E+05	1.55E+05	5.68E+05	2.61E+05	9.78E+04
7.34E+04	4.56E+04	8.92E+04	5.10E+04	1.20E+05	1.00E+05	3.63E+05	1.48E+05	6.79E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.60E+04	9.00E+00	9.00E+00	9.00E+00
4.00E+04	1.17E+04	5.60E+04	6.38E+04	7.06E+04	5.36E+04	1.72E+05	7.47E+04	5.02E+04
1.11E+04	5.88E+03	1.96E+04	1.84E+04	5.52E+03	1.48E+04	1.42E+04	1.80E+04	1.21E+04
1.60E+03	2.72E+03	4.10E+03	2.06E+03	1.58E+03	3.73E+03	2.50E+03	4.73E+03	2.43E+03
4.62E+03	3.45E+03	4.13E+03	5.00E+03	3.92E+03	3.86E+03	4.29E+03	6.04E+03	3.94E+03
7.56E+04	6.75E+04	8.87E+04	7.28E+04	7.57E+04	7.29E+04	7.24E+04	9.52E+04	8.72E+04
7.80E+03	1.01E+04	9.27E+03	8.03E+03	1.03E+04	8.90E+03	1.04E+04	1.03E+04	8.45E+03
6.57E+03	1.41E+04	1.38E+04	1.28E+04	1.21E+04	7.53E+03	1.46E+04	1.41E+04	2.09E+04
1.42E+04	1.74E+04	1.66E+04	1.90E+04	1.74E+04	7.07E+03	2.24E+04	2.67E+04	2.17E+04
3.79E+04	4.21E+04	4.67E+04	4.90E+04	2.34E+04	2.74E+04	6.23E+04	4.97E+04	6.58E+04
8.06E+04	6.00E+04	8.86E+04	4.93E+04	7.22E+04	7.63E+04	8.75E+04	1.28E+05	6.67E+04
2.28E+03	9.20E+03	1.55E+04	1.51E+04	1.14E+04	1.15E+04	6.19E+03	9.02E+03	8.36E+03
6.06E+04	7.65E+04	4.24E+04	8.11E+04	8.52E+04	7.46E+04	8.10E+04	8.41E+04	8.18E+04
4.49E+04	4.20E+04	5.54E+04	2.93E+04	4.70E+04	5.82E+04	3.76E+04	6.08E+04	2.53E+04
1.48E+05	2.97E+05	2.06E+05	1.92E+05	2.51E+05	2.52E+05	2.76E+05	1.67E+05	1.76E+05
2.34E+05	2.07E+05	4.90E+04	1.89E+05	2.41E+05	1.87E+05	2.24E+05	2.09E+05	2.00E+05
4.03E+04	2.85E+04	5.27E+04	1.14E+04	4.54E+04	1.84E+04	3.86E+04	4.57E+04	4.68E+04
8.06E+04	8.77E+04	1.09E+05	1.11E+05	1.07E+05	6.78E+04	9.29E+04	1.26E+05	1.25E+05
2.06E+04	3.00E+04	2.26E+04	9.00E+00	9.00E+00	7.15E+04	5.10E+04	3.87E+04	9.00E+00
2.22E+06	2.35E+06	2.56E+06	2.08E+06	2.27E+06	2.28E+06	2.36E+06	2.67E+06	2.43E+06

1.01E+05	8.58E+04	9.03E+04	9.00E+04	8.20E+04	8.83E+04	7.24E+04	1.04E+05	7.06E+04
9.63E+04	9.52E+04	7.51E+04	7.50E+04	7.16E+04	5.21E+04	6.77E+04	6.33E+04	8.41E+04
1.59E+06	1.43E+06	1.66E+06	1.55E+06	1.56E+06	1.28E+06	1.52E+06	1.95E+06	1.48E+06
5.22E+04	3.19E+04	4.36E+04	3.40E+04	4.44E+04	4.58E+04	3.55E+04	4.38E+04	4.37E+04
6.16E+05	6.63E+05	5.85E+05	7.22E+05	5.86E+05	6.46E+05	5.91E+05	6.19E+05	6.50E+05
1.12E+04	1.97E+04	1.87E+04	1.77E+04	6.58E+03	1.68E+04	7.53E+03	1.42E+04	9.38E+03
1.09E+05	1.14E+05	1.23E+05	1.03E+05	1.19E+05	1.52E+05	1.18E+05	1.35E+05	1.36E+05
1.67E+04	2.46E+04	3.30E+04	2.26E+04	4.02E+04	2.33E+04	2.06E+04	2.44E+04	2.54E+04
4.45E+04	4.32E+04	2.16E+04	4.58E+04	4.51E+04	5.33E+04	1.95E+04	5.72E+04	5.28E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.91E+04	1.19E+04	8.32E+03	7.50E+03
1.28E+04	8.52E+03	1.17E+04	1.06E+04	2.12E+03	5.37E+03	2.15E+03	6.29E+03	8.51E+03
7.68E+05	9.15E+05	6.92E+05	8.21E+05	1.80E+05	8.35E+05	7.61E+05	5.99E+05	7.09E+05
6.60E+03	1.01E+04	2.87E+04	9.13E+03	8.04E+03	2.21E+04	6.27E+03	2.33E+04	5.61E+03
5.17E+05	5.86E+05	5.72E+05	5.68E+05	5.75E+05	6.20E+05	5.17E+05	4.90E+05	5.51E+05
2.83E+05	2.99E+05	2.45E+05	3.12E+05	2.42E+05	2.69E+05	2.75E+05	3.17E+05	3.00E+05
1.04E+06	9.00E+05	9.88E+05	9.50E+05	7.04E+05	6.79E+05	1.24E+06	1.37E+06	8.70E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	3.55E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.19E+03	9.00E+00	9.00E+00
1.38E+07	1.32E+07	1.06E+07	1.13E+07	1.27E+07	1.28E+07	1.09E+07	1.05E+07	1.08E+07
4.18E+06	3.35E+06	5.64E+06	4.40E+06	4.06E+06	3.70E+06	7.66E+06	1.24E+07	7.90E+06
6.51E+04	1.04E+05	1.20E+05	6.70E+04	4.41E+04	9.31E+04	3.57E+04	7.05E+04	5.35E+04
1.17E+05	2.05E+05	1.50E+05	8.44E+04	1.22E+05	1.23E+05	6.83E+04	1.25E+05	9.73E+04
2.53E+07	2.48E+07	2.81E+07	2.52E+07	2.56E+07	2.57E+07	2.58E+07	3.14E+07	2.94E+07
1.07E+06	1.16E+06	1.34E+06	9.22E+05	1.11E+06	9.99E+05	9.00E+00	9.00E+00	1.40E+06
4.11E+05	5.07E+05	7.85E+05	5.35E+05	4.92E+05	5.36E+05	7.55E+05	1.04E+06	5.55E+05
6.05E+03	1.32E+04	1.65E+04	6.50E+03	1.20E+04	1.53E+04	1.80E+04	2.66E+04	1.63E+04
2.68E+03	1.81E+04	9.27E+03	4.90E+03	1.23E+04	8.86E+03	7.97E+03	1.15E+04	8.86E+03
3.71E+05	9.41E+05	1.03E+06	4.14E+05	4.31E+05	6.18E+05	2.87E+05	4.89E+05	3.79E+05
6.79E+05	9.59E+05	9.99E+05	6.23E+05	6.87E+05	6.26E+05	6.45E+05	9.11E+05	6.85E+05
6.17E+03	1.27E+04	1.93E+04	1.05E+04	3.55E+03	2.11E+04	1.75E+03	2.24E+04	9.67E+03
7.65E+06	8.72E+06	1.08E+07	8.26E+06	7.65E+06	7.85E+06	9.24E+06	1.15E+07	9.49E+06
6.59E+04	3.34E+04	9.68E+04	3.09E+04	3.02E+04	6.80E+04	7.62E+04	4.94E+04	3.78E+04
6.17E+06	7.06E+06	6.99E+06	5.72E+06	6.67E+06	6.26E+06	7.04E+06	8.02E+06	6.78E+06
7.21E+05	6.71E+05	6.65E+05	6.25E+05	5.89E+05	7.05E+05	9.03E+05	1.10E+06	7.20E+05
1.28E+07	1.20E+07	1.54E+07	1.21E+07	1.21E+07	1.16E+07	1.58E+07	2.03E+07	1.55E+07
3.20E+04	5.93E+04	5.12E+04	4.45E+04	4.09E+04	5.68E+04	8.33E+04	6.73E+04	6.86E+04
7.46E+05	8.82E+05	6.07E+05	6.78E+05	7.64E+05	8.20E+05	7.30E+05	9.50E+05	8.16E+05
1.31E+06	4.72E+06	6.12E+06	1.23E+06	1.37E+06	5.72E+06	1.46E+06	4.61E+06	1.94E+06
3.20E+06	3.22E+06	4.73E+06	3.36E+06	3.01E+06	3.27E+06	5.10E+06	7.20E+06	4.51E+06
3.01E+06	2.89E+06	4.03E+06	3.28E+06	2.87E+06	2.90E+06	5.35E+06	6.70E+06	4.76E+06
8.04E+04	2.02E+05	2.24E+05	7.44E+04	8.72E+04	9.93E+04	8.74E+04	9.34E+04	1.04E+05
5.45E+05	4.74E+06	7.04E+06	6.06E+05	5.88E+05	6.47E+06	8.90E+05	6.31E+06	9.40E+05
1.27E+06	1.80E+06	1.83E+06	1.33E+06	1.31E+06	1.48E+06	2.30E+06	3.18E+06	2.25E+06
1.64E+05	2.95E+05	4.01E+05	1.68E+05	1.59E+05	3.24E+05	3.12E+05	5.37E+05	3.14E+05
2.88E+04	6.07E+04	4.32E+04	2.50E+04	3.18E+04	3.89E+04	3.48E+04	6.64E+04	4.97E+04
3.24E+05	4.06E+05	5.37E+05	3.51E+05	3.91E+05	3.12E+05	6.49E+05	1.10E+06	5.16E+05
9.60E+04	7.49E+04	1.23E+05	3.83E+04	5.38E+04	7.89E+04	1.40E+05	2.96E+05	1.68E+05
3.43E+05	3.53E+05	6.27E+05	2.32E+05	4.83E+05	2.12E+05	6.99E+05	1.09E+06	6.10E+05
9.00E+00	4.42E+04	3.20E+04	1.60E+04	1.20E+04	1.56E+04	1.46E+04	4.89E+04	1.03E+04
9.33E+04	2.09E+05	1.52E+05	1.07E+05	1.22E+05	1.35E+05	2.21E+05	3.41E+05	2.44E+05
1.82E+04	3.05E+04	2.68E+04	1.07E+04	1.66E+04	1.76E+04	2.39E+04	2.58E+04	2.55E+04
8.86E+04	1.04E+05	6.30E+04	6.86E+04	5.33E+04	1.01E+05	6.56E+04	3.94E+04	5.07E+04
1.39E+05	1.54E+05	1.50E+05	6.22E+04	3.03E+04	5.64E+04	1.19E+05	1.77E+05	1.41E+05

9.00E+00	2.34E+05	9.00E+00	9.14E+05	9.00E+00	9.00E+00	8.83E+05	9.00E+00	4.29E+05
1.05E+06	1.13E+06	1.47E+06	1.13E+06	1.04E+06	8.99E+05	1.66E+06	2.00E+06	1.88E+06
3.87E+04	1.01E+05	5.51E+04	4.06E+04	5.70E+04	4.21E+04	5.24E+04	6.34E+04	4.55E+04
4.27E+05	8.19E+05	5.54E+05	4.57E+05	4.87E+05	4.89E+05	9.00E+00	9.00E+00	9.00E+00
3.22E+07	3.50E+07	4.27E+07	3.51E+07	4.10E+07	3.38E+07	3.49E+07	3.84E+07	3.96E+07
9.00E+00	9.00E+00	8.77E+04	5.48E+04	9.00E+00	9.00E+00	2.03E+05	2.73E+05	1.26E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.92E+04	3.89E+04	3.14E+04	1.96E+04	2.28E+04	1.74E+04	3.48E+04	3.35E+04	3.53E+04
4.90E+06	3.84E+06	4.84E+06	3.97E+06	3.90E+06	3.76E+06	3.80E+06	3.62E+06	3.73E+06
7.44E+04	5.85E+04	6.30E+04	1.10E+05	6.14E+04	8.23E+04	1.03E+05	1.06E+05	7.33E+04
4.62E+05	4.55E+05	4.99E+05	2.72E+05	4.70E+05	4.09E+05	4.42E+05	6.56E+05	5.79E+05
6.30E+06	6.01E+06	7.62E+06	6.08E+06	6.13E+06	5.76E+06	8.19E+06	1.08E+07	8.66E+06
9.24E+05	1.16E+06	1.14E+06	1.20E+06	9.77E+05	9.76E+05	1.13E+06	1.69E+06	1.21E+06
2.74E+04	1.11E+04	4.99E+04	5.89E+04	4.47E+04	5.12E+04	4.37E+04	4.06E+04	4.34E+04
5.07E+04	4.67E+04	6.70E+04	2.45E+04	4.60E+04	4.92E+04	5.25E+04	6.48E+04	3.03E+04
9.00E+00	9.00E+00	9.00E+00	1.07E+04	9.00E+00	2.68E+04	9.00E+00	9.00E+00	9.00E+00
8.27E+04	7.81E+04	7.39E+04	1.01E+05	7.04E+04	1.16E+05	9.01E+04	1.08E+05	7.65E+04
9.00E+00	9.00E+00	9.00E+00	1.08E+04	5.15E+03	9.00E+00	9.96E+03	4.17E+03	1.20E+04
2.02E+04	9.39E+03	1.79E+04	4.45E+03	9.87E+03	9.28E+03	2.07E+04	1.14E+04	7.03E+03
9.00E+00	9.00E+00	1.12E+04	9.00E+00	9.00E+00	4.81E+03	1.02E+04	4.38E+03	8.94E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.82E+03	2.70E+03	9.00E+00	9.00E+00	9.00E+00
1.24E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.01E+03	2.01E+03	4.14E+03
9.00E+00	9.00E+00	2.44E+03	9.00E+00	9.00E+00	9.00E+00	6.94E+03	4.41E+03	1.63E+04
6.95E+04	7.06E+04	7.92E+04	5.21E+04	6.06E+04	7.08E+04	7.35E+04	5.54E+04	1.58E+04
9.00E+00	1.25E+04	9.00E+00	2.47E+04	9.00E+00	9.00E+00	2.33E+04	4.55E+04	2.36E+04
8.98E+04	1.19E+05	6.36E+04	9.59E+04	5.52E+04	1.11E+05	8.58E+04	8.98E+04	1.03E+05
2.00E+04	2.21E+04	1.67E+04	1.59E+04	2.55E+04	1.77E+04	1.81E+04	2.22E+04	1.63E+04
4.27E+04	6.01E+04	8.64E+04	6.07E+04	8.90E+04	4.18E+04	8.13E+04	6.30E+04	4.23E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.17E+03	8.81E+03	7.03E+03
3.98E+04	4.04E+04	3.52E+04	3.53E+04	3.12E+04	9.10E+03	4.10E+04	3.41E+04	4.67E+04
5.86E+04	6.31E+04	8.76E+04	1.04E+05	8.62E+04	1.52E+05	1.25E+05	1.28E+05	1.24E+05
6.36E+04	2.49E+04	5.73E+04	3.85E+04	4.58E+04	1.02E+04	4.05E+04	2.33E+04	5.47E+04
2.42E+04	8.87E+03	2.26E+04	1.99E+04	1.77E+04	6.91E+03	1.64E+04	1.31E+04	2.00E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	2.49E+03	3.48E+03	6.09E+03	9.00E+00	8.39E+03	9.00E+00	9.00E+00	2.49E+03
3.95E+03	9.90E+03	7.21E+03	8.70E+03	1.96E+03	2.45E+03	4.89E+03	3.90E+03	6.60E+03
9.00E+00	9.00E+00	9.00E+00	4.44E+03	1.02E+03	3.53E+03	9.00E+00	1.90E+03	1.53E+03
2.43E+03	4.07E+03	4.45E+03	9.00E+00	9.00E+00	5.12E+03	4.00E+03	1.98E+03	1.01E+04
3.45E+03	2.44E+03	3.96E+03	9.00E+00	9.64E+02	2.40E+03	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	1.35E+03	9.00E+00	2.74E+03	9.00E+00	9.00E+00	1.35E+03	9.00E+00
1.28E+05	1.09E+05	9.59E+04	1.25E+05	5.23E+04	1.13E+05	8.97E+04	1.35E+05	1.17E+05
5.07E+02	2.05E+03	1.04E+03	9.00E+00	4.60E+03	5.08E+02	9.00E+00	9.00E+00	1.49E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.53E+03	9.00E+00	1.54E+03	9.00E+00	9.00E+00	9.00E+00	4.89E+03	2.05E+03	3.45E+03
9.00E+00	9.00E+00	1.02E+03	9.00E+00	9.00E+00	9.00E+00	1.02E+03	9.00E+00	9.00E+00
1.34E+05	1.34E+05	1.38E+05	1.43E+05	1.33E+05	2.01E+05	1.35E+05	1.64E+05	1.82E+05
1.03E+05	7.47E+04	8.46E+04	9.65E+04	8.43E+04	1.54E+05	1.10E+05	1.10E+05	1.38E+05
1.14E+04	2.41E+04	3.33E+04	2.83E+04	3.63E+04	1.99E+04	2.22E+04	2.41E+04	3.02E+04
2.33E+04	7.90E+03	2.52E+04	1.24E+04	4.20E+04	2.11E+04	3.01E+04	1.83E+04	6.41E+03
1.65E+05	1.83E+05	1.53E+05	4.44E+04	2.05E+05	2.28E+05	2.01E+05	4.39E+04	1.58E+05
6.07E+04	6.12E+04	5.54E+04	2.85E+04	2.36E+04	7.70E+04	1.64E+04	7.46E+04	4.69E+04
2.96E+05	2.10E+05	2.44E+05	2.38E+05	1.91E+05	2.37E+05	2.06E+05	2.41E+05	2.51E+05
1.11E+04	4.40E+04	1.59E+04	3.26E+04	2.95E+04	1.97E+04	4.53E+04	1.20E+04	4.76E+04
8.71E+03	5.43E+03	1.88E+04	5.43E+03	1.26E+04	3.80E+03	7.68E+03	5.37E+03	1.60E+04

4.47E+05	3.84E+05	3.34E+05	3.73E+05	4.08E+05	3.79E+05	3.98E+05	3.99E+05	3.80E+05
4.10E+04	1.37E+05	1.18E+05	1.53E+05	1.27E+05	1.71E+05	2.40E+05	1.33E+05	1.77E+05
5.55E+04	6.44E+04	7.49E+04	7.49E+04	3.67E+04	5.41E+04	8.05E+04	4.93E+04	5.22E+04
1.08E+05	1.31E+05	1.01E+05	1.28E+05	1.46E+05	1.60E+05	1.54E+05	1.24E+05	1.53E+05
4.24E+04	4.67E+04	3.31E+04	2.93E+04	4.87E+04	5.57E+04	7.90E+04	4.08E+04	6.86E+04
1.63E+03	5.43E+03	6.40E+03	9.14E+03	9.60E+03	1.03E+03	6.34E+03	7.48E+03	1.07E+04
9.00E+00	9.00E+00	2.02E+04	2.17E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.16E+04
1.04E+04	1.53E+04	2.25E+04	1.27E+04	5.95E+03	1.63E+04	3.10E+04	2.24E+04	1.90E+04
5.40E+04	8.18E+04	6.99E+04	6.74E+04	9.63E+04	4.45E+04	9.56E+04	6.86E+04	1.14E+05
1.53E+04	5.42E+03	1.08E+04	9.21E+03	2.04E+04	1.69E+04	1.72E+04	1.42E+04	2.21E+04
2.48E+03	6.88E+03	3.97E+03	3.98E+03	5.99E+03	1.14E+04	1.34E+04	9.65E+02	1.34E+04
5.12E+02	3.61E+03	2.50E+03	6.59E+03	3.05E+03	1.04E+03	5.01E+03	9.64E+03	2.58E+03
9.00E+00	1.35E+03	9.00E+00	1.44E+03	9.22E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.10E+03	9.00E+00	4.92E+03	2.18E+03	1.10E+03
5.07E+02	1.04E+03	5.59E+03	3.43E+03	9.00E+00	3.09E+03	9.00E+00	9.00E+00	5.62E+03
1.90E+04	1.68E+04	2.30E+04	1.19E+04	1.01E+04	1.17E+04	4.00E+04	1.79E+04	2.65E+04
1.30E+04	5.40E+03	1.89E+04	1.06E+04	1.79E+04	5.87E+03	2.50E+04	9.75E+03	1.12E+04
1.82E+04	2.63E+04	2.61E+04	1.90E+04	1.85E+04	2.17E+04	2.88E+04	2.69E+04	2.50E+04
9.00E+00	5.02E+03	3.09E+03	9.00E+00	9.00E+00	9.00E+00	3.08E+03	9.00E+00	9.00E+00
9.91E+02	1.93E+03	9.53E+02	9.00E+00	1.93E+03	2.48E+03	9.77E+02	7.18E+03	1.95E+03
2.23E+04	1.87E+04	2.03E+04	7.04E+03	3.35E+04	1.03E+04	2.42E+04	1.41E+04	2.16E+04
9.00E+00	9.00E+00	9.00E+00	2.54E+03	5.95E+03	9.00E+00	2.58E+03	3.07E+03	2.01E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.80E+03	1.85E+03	1.37E+03	1.82E+03	9.00E+00	9.00E+00	8.90E+02	9.00E+00	9.00E+00
2.41E+05	2.33E+05	2.79E+05	1.87E+05	2.16E+05	3.02E+05	1.38E+05	1.37E+05	1.91E+05
9.74E+02	9.00E+00	8.17E+03	3.91E+03	1.47E+03	9.00E+00	8.85E+03	2.90E+03	2.97E+03
1.39E+03	9.00E+00	1.69E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.15E+04	1.35E+04	1.00E+04	1.49E+04	2.17E+04	2.17E+04	1.73E+04	1.76E+04	1.44E+04
4.09E+04	2.34E+04	5.48E+04	1.83E+04	4.21E+04	2.20E+04	2.00E+04	4.40E+04	2.70E+04
1.89E+04	1.47E+04	1.39E+04	2.08E+04	2.93E+04	1.95E+04	3.51E+04	9.00E+00	9.00E+00
1.63E+05	1.33E+05	3.86E+04	1.26E+05	1.23E+05	5.08E+04	2.07E+05	3.14E+04	2.03E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.80E+03	9.00E+00	2.72E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.03E+02
9.00E+00	9.00E+00	1.44E+03	9.00E+00	9.00E+00	9.00E+00	5.52E+03	2.97E+03	1.52E+03
2.24E+03	9.80E+02	9.00E+00	4.14E+03	9.00E+00	2.66E+03	7.22E+03	9.00E+00	3.60E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.79E+05	3.21E+05	3.12E+05	2.62E+05	2.44E+05	2.43E+05	5.56E+04	2.99E+05	2.52E+05
1.38E+05	8.15E+04	9.86E+04	8.41E+04	9.68E+04	1.10E+05	6.44E+04	8.74E+04	9.50E+04
9.00E+00	9.00E+00	1.83E+04	9.00E+00	9.00E+00	9.00E+00	1.99E+04	2.37E+04	1.41E+04
6.39E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.27E+04	6.92E+04	6.17E+04
2.73E+04	9.00E+00	1.94E+04	1.20E+04	2.70E+04	2.85E+04	9.00E+00	2.59E+04	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
5.07E+04	1.92E+04	3.55E+04	3.65E+04	1.27E+04	4.40E+04	4.13E+04	1.55E+04	4.18E+04
1.73E+04	2.38E+04	3.93E+04	2.86E+04	3.17E+04	1.97E+04	4.14E+04	2.38E+04	2.56E+04
8.78E+03	7.05E+03	9.00E+00	8.04E+03	1.47E+04	1.14E+04	2.70E+04	2.22E+04	3.71E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.48E+03	9.00E+00	5.46E+03	5.48E+02
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.63E+04	8.07E+03	5.52E+03	1.99E+03	6.05E+03	1.86E+04	9.00E+00	4.01E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
5.86E+03	5.44E+03	5.21E+03	7.07E+03	5.52E+03	1.01E+04	8.53E+03	5.57E+03	7.98E+03
3.02E+03	4.09E+03	9.77E+03	9.00E+00	1.58E+03	5.69E+03	8.91E+03	7.35E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.59E+03	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	1.61E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.40E+03	1.07E+04	1.62E+04	8.32E+03	8.98E+03	1.60E+04	3.65E+03	4.55E+03	7.79E+03

1.10E+04	9.22E+03	5.67E+03	4.85E+03	2.09E+04	9.77E+03	4.31E+03	3.04E+03	3.26E+03
9.00E+00	1.02E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.07E+03
9.00E+00	9.00E+00	2.07E+03	9.00E+00	1.06E+03	9.00E+00	1.59E+03	2.01E+03	1.62E+03
9.78E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	3.11E+03	2.55E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.14E+03	1.65E+03	1.45E+04	5.84E+03	1.67E+04	9.64E+03	7.08E+03	7.69E+03	1.19E+04
2.06E+03	1.54E+03	9.00E+00	1.04E+03	9.00E+00	4.89E+03	9.00E+00	3.11E+03	3.04E+03
9.00E+00	9.00E+00	9.00E+00	1.49E+03	2.19E+03	9.00E+00	4.36E+03	2.15E+03	2.57E+03
1.53E+04	1.66E+04	9.00E+00	1.79E+04	1.54E+04	2.63E+04	3.10E+04	3.80E+04	4.26E+04
9.00E+00	3.28E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.71E+06	2.82E+06	2.43E+06	2.64E+06	2.21E+06	2.68E+06	2.72E+06	3.07E+06	3.01E+06
5.32E+05	4.18E+05	2.24E+05	3.40E+05	4.24E+05	4.73E+05	6.14E+05	4.49E+05	5.24E+05
7.07E+04	9.26E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.99E+04
3.18E+06	2.96E+06	2.77E+06	2.61E+06	2.40E+06	2.65E+06	2.97E+06	2.97E+06	2.72E+06
3.51E+05	2.43E+05	1.96E+05	2.45E+05	2.55E+05	2.37E+05	3.34E+05	3.30E+05	2.95E+05
3.32E+04	1.77E+04	6.23E+03	9.26E+03	1.39E+04	2.42E+04	1.98E+04	2.87E+04	2.44E+04
2.61E+05	2.93E+05	2.40E+05	2.63E+05	1.49E+05	2.44E+05	2.68E+05	2.80E+05	2.73E+05
1.48E+06	1.18E+06	1.30E+06	1.34E+06	1.16E+06	1.10E+06	1.45E+06	1.50E+06	1.37E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.40E+05	1.26E+05	9.85E+04	8.24E+04	9.87E+04	1.01E+05	2.43E+05	1.38E+05	1.48E+05
3.69E+04	2.46E+04	1.36E+04	2.33E+04	1.38E+04	5.12E+04	9.00E+00	9.00E+00	3.17E+04
7.13E+04	5.27E+04	4.99E+04	6.11E+04	5.10E+04	8.31E+04	1.37E+05	1.10E+05	4.74E+04
1.35E+05	1.14E+05	1.33E+05	6.79E+04	1.81E+05	1.32E+05	1.83E+05	9.24E+04	2.00E+05
1.43E+04	1.09E+04	9.15E+03	9.69E+03	1.72E+04	1.94E+03	2.14E+04	1.46E+03	1.09E+04
9.00E+00	1.53E+03	9.00E+00	1.55E+03	2.04E+03	9.00E+00	9.00E+00	9.00E+00	1.03E+03
4.30E+03	5.21E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.56E+03	5.89E+03
1.18E+05	1.01E+05	1.32E+05	1.21E+05	1.49E+05	1.71E+05	2.30E+05	1.21E+05	1.49E+05
2.94E+04	1.32E+04	3.75E+04	3.31E+04	3.43E+04	2.24E+04	4.01E+04	5.14E+04	4.61E+04
4.03E+03	1.58E+04	2.06E+03	1.03E+03	3.95E+03	8.19E+03	9.00E+00	9.00E+00	6.98E+03
9.00E+00	9.00E+00	9.00E+00	1.44E+03	9.00E+00	9.16E+02	9.00E+00	9.00E+00	9.92E+02
4.61E+03	4.27E+03	4.23E+03	1.47E+04	4.88E+03	1.34E+04	7.78E+03	9.00E+00	5.86E+03
1.09E+05	1.20E+05	1.06E+05	1.06E+05	1.27E+05	1.47E+05	1.37E+05	1.34E+05	1.67E+05
7.34E+03	1.49E+03	1.49E+03	3.05E+03	9.98E+02	1.03E+03	5.64E+03	1.52E+03	8.52E+03
2.18E+04	1.78E+04	3.33E+04	1.48E+04	3.09E+04	2.45E+04	1.02E+04	3.45E+04	3.84E+04
3.45E+04	2.76E+04	4.38E+04	1.95E+04	2.15E+04	1.88E+04	9.00E+00	2.91E+04	9.00E+00
1.97E+03	9.77E+02	9.00E+00	9.00E+00	9.00E+00	9.53E+02	6.34E+03	9.00E+00	9.00E+00
3.72E+03	9.00E+00	3.18E+03	1.04E+03	2.06E+03	3.12E+03	9.00E+00	3.63E+03	2.65E+03
5.60E+04	2.95E+04	3.12E+04	4.87E+04	6.76E+04	4.42E+04	4.92E+04	5.40E+04	6.64E+04
5.28E+03	1.01E+04	1.63E+04	9.00E+00	1.64E+04	5.50E+03	4.97E+03	7.41E+03	7.76E+03
1.55E+03	1.59E+03	9.00E+00	9.00E+00	1.03E+03	1.03E+03	2.08E+03	9.00E+00	9.00E+00
8.20E+03	7.84E+03	2.62E+03	3.17E+03	9.34E+03	1.03E+04	2.09E+03	2.03E+03	6.45E+03
9.00E+00	9.00E+00	1.97E+03	1.54E+03	9.00E+00	9.00E+00	2.73E+03	9.00E+00	5.43E+02
7.85E+05	7.70E+05	8.14E+05	7.27E+05	6.96E+05	7.51E+05	8.32E+05	8.04E+05	7.82E+05
8.76E+05	6.48E+05	5.71E+05	7.15E+05	5.54E+05	6.06E+05	8.41E+05	7.60E+05	6.93E+05
9.86E+04	1.01E+05	1.01E+05	9.46E+04	1.63E+05	1.16E+05	1.74E+05	1.07E+05	1.51E+05
1.53E+04	1.26E+04	1.39E+04	1.20E+04	1.22E+04	1.06E+04	1.47E+04	1.92E+04	1.64E+04
6.28E+04	4.71E+04	4.27E+04	4.71E+04	3.77E+04	3.60E+04	6.19E+04	5.92E+04	4.49E+04
9.00E+00	9.00E+00	9.00E+00	6.62E+03	9.38E+03	9.99E+03	1.91E+03	3.24E+03	9.00E+00
5.90E+03	6.99E+03	8.30E+03	8.06E+03	6.97E+03	7.29E+03	6.19E+03	8.72E+03	7.09E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.21E+05	9.00E+00	9.00E+00	9.00E+00
2.90E+05	2.85E+05	2.14E+05	2.33E+05	2.59E+05	3.39E+05	4.23E+05	3.13E+05	3.72E+05
2.63E+05	2.76E+05	3.65E+05	3.06E+05	4.92E+05	4.62E+05	4.22E+05	2.45E+05	3.97E+05
9.00E+00	9.00E+00	9.00E+00	5.12E+03	9.00E+00	9.00E+00	9.00E+00	3.99E+03	9.00E+00
4.03E+04	6.50E+04	5.04E+04	6.18E+04	4.72E+04	3.75E+04	6.90E+04	5.63E+04	4.03E+04

1.24E+04	1.34E+04	2.38E+04	2.11E+04	2.79E+04	2.81E+04	3.56E+04	1.22E+04	2.62E+04
3.65E+05	4.44E+05	3.80E+05	3.65E+05	2.87E+05	5.10E+05	4.70E+05	4.50E+05	5.02E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.36E+03	6.37E+03	8.22E+03
9.00E+00	9.00E+00	5.57E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.62E+03	9.00E+00
9.00E+00	7.74E+03	3.03E+03	6.34E+03	5.31E+03	4.50E+03	9.00E+00	9.00E+00	9.00E+00
1.69E+04	3.20E+04	2.15E+04	2.20E+04	2.88E+04	3.36E+04	2.40E+04	1.42E+04	2.34E+04
1.14E+04	9.00E+00	2.16E+04	1.38E+04	1.43E+04	9.00E+00	2.18E+04	1.63E+04	1.33E+04
1.35E+06	1.36E+06	1.40E+06	1.58E+06	1.38E+06	1.33E+06	1.28E+06	1.44E+06	1.52E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.45E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.18E+02	9.00E+00	9.00E+00	9.00E+00
1.33E+05	1.28E+05	1.15E+05	1.52E+05	1.77E+05	1.92E+05	1.68E+05	1.15E+05	1.00E+05
4.30E+04	2.61E+04	4.80E+04	5.96E+04	4.71E+04	6.52E+04	2.35E+04	4.60E+04	4.33E+04
5.19E+02	2.98E+03	9.00E+00	3.09E+03	4.49E+03	1.00E+03	2.50E+03	1.55E+03	9.00E+00
9.40E+04	7.95E+04	6.65E+04	8.00E+04	4.44E+04	8.85E+04	7.17E+04	5.16E+04	8.77E+04
2.42E+04	3.22E+04	3.07E+04	2.36E+04	1.93E+04	2.33E+04	6.40E+03	2.10E+04	1.11E+04
2.83E+05	3.20E+05	3.17E+05	2.57E+05	2.03E+05	3.52E+05	1.69E+05	1.48E+05	1.15E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.91E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.35E+04	5.12E+03	8.45E+03	5.78E+03	1.07E+04	8.19E+03	2.31E+04	2.27E+04	1.28E+04
9.00E+00	7.87E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.24E+04	7.94E+04	7.55E+04	6.76E+04	1.36E+05	9.55E+04	9.49E+04	7.75E+04	8.40E+04
9.00E+00	9.00E+00	9.12E+03	9.00E+00	1.36E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.43E+05	1.29E+05	1.52E+05	1.31E+05	1.33E+05	1.76E+05	1.44E+05	1.39E+05	1.93E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	1.54E+04	9.00E+00	1.52E+04	1.43E+04	1.55E+04	9.00E+00
5.46E+04	4.54E+04	4.34E+04	4.90E+04	4.32E+04	5.30E+04	5.38E+04	4.61E+04	3.44E+04
1.65E+04	9.42E+03	1.08E+04	6.78E+03	6.11E+03	1.25E+04	5.10E+03	9.14E+03	7.76E+03
9.00E+00	9.00E+00	8.11E+03	6.53E+03	9.00E+00	9.00E+00	8.48E+03	9.00E+00	9.00E+00
1.97E+04	9.00E+00	9.00E+00	9.00E+00	7.22E+03	4.13E+03	9.00E+00	9.00E+00	9.00E+00
4.99E+05	4.61E+05	5.73E+05	7.18E+05	4.58E+05	5.88E+05	4.68E+05	5.61E+05	4.77E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.04E+03	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.56E+03	9.00E+00	9.00E+00
3.04E+04	4.16E+04	5.08E+04	1.99E+04	3.97E+04	4.27E+04	5.31E+04	9.77E+03	5.26E+04
1.18E+05	5.94E+04	1.05E+05	4.39E+04	9.72E+04	1.06E+05	2.14E+05	1.07E+05	1.61E+05
8.41E+04	4.88E+04	4.86E+04	4.41E+04	6.25E+04	4.88E+04	5.57E+04	3.20E+04	9.86E+04
3.96E+03	2.97E+03	5.09E+03	9.00E+00	3.00E+03	3.87E+03	6.54E+03	5.08E+02	7.45E+03
1.94E+03	4.45E+03	1.47E+03	3.51E+03	3.89E+03	9.00E+00	1.92E+03	1.92E+03	2.54E+03
6.50E+03	1.01E+04	4.04E+03	1.01E+04	7.18E+03	1.11E+04	6.99E+03	2.96E+03	1.71E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.16E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.03E+04	6.11E+04	4.57E+04	3.88E+04	5.03E+04	6.13E+04	2.35E+04	3.52E+04	4.54E+04
3.36E+03	9.00E+00	5.01E+02	9.00E+00	1.02E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.68E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.07E+04	3.34E+04	2.08E+04	3.22E+04	1.05E+04	2.05E+04	9.00E+00	9.00E+00	9.00E+00
2.72E+03	3.28E+03	6.45E+03	6.36E+03	1.54E+03	9.00E+00	2.61E+03	2.69E+03	7.02E+03
1.03E+03	1.55E+03	5.10E+02	2.07E+03	2.47E+03	5.05E+02	9.00E+00	9.00E+00	5.09E+02
5.07E+02	3.50E+03	4.44E+03	2.94E+03	9.00E+00	4.43E+03	5.94E+03	9.00E+00	9.97E+02
8.12E+04	7.50E+04	5.59E+04	6.12E+04	5.45E+04	8.88E+04	7.96E+04	8.75E+04	7.11E+04
4.04E+03	3.05E+03	9.00E+00	2.48E+03	9.80E+02	5.07E+02	9.00E+00	9.00E+00	2.99E+03
9.00E+00	1.94E+03	9.71E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.34E+05	1.09E+05	1.02E+05	8.50E+04	1.68E+05	1.60E+05	2.58E+05	1.38E+05	2.59E+05
6.34E+04	7.30E+04	6.22E+04	1.06E+05	9.01E+04	8.92E+04	8.07E+04	4.22E+04	1.16E+04
6.24E+04	5.91E+04	3.56E+04	6.49E+04	4.77E+04	7.16E+04	6.26E+04	4.53E+04	4.86E+04

7.74E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.66E+03	9.00E+00	9.00E+00
2.35E+04	3.07E+04	1.70E+04	3.11E+04	1.41E+04	1.89E+04	4.62E+04	1.21E+04	4.77E+04
9.00E+00	9.00E+00	2.25E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	3.39E+03	1.09E+03	9.00E+00	9.00E+00	1.46E+03	9.00E+00	9.00E+00
4.37E+03	2.65E+03	3.36E+04	1.59E+03	4.93E+03	5.30E+03	1.57E+04	1.16E+04	7.00E+03
9.81E+04	1.06E+05	1.01E+05	3.67E+04	1.32E+05	1.32E+05	1.11E+05	3.65E+04	1.15E+05
5.63E+03	5.58E+03	9.00E+00	4.67E+03	6.22E+03	1.48E+04	9.00E+00	9.00E+00	9.00E+00
3.68E+04	9.00E+00	1.21E+04	1.91E+04	9.00E+00	3.30E+04	1.06E+04	9.00E+00	1.86E+04
9.00E+00	9.00E+00	2.98E+03	9.00E+00	9.00E+00	9.00E+00	9.98E+02	9.00E+00	9.00E+00
9.00E+00	5.90E+03	9.00E+00	9.00E+00	2.76E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.46E+03	9.00E+00	2.44E+03	2.24E+03	9.00E+00	1.35E+03	9.00E+00	4.24E+03	1.37E+03
2.15E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
5.48E+04	8.08E+04	7.40E+04	8.04E+04	6.72E+04	6.97E+04	5.28E+04	9.07E+04	6.95E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
5.81E+03	4.47E+03	1.24E+04	1.30E+04	2.51E+03	5.41E+03	9.00E+00	1.41E+04	9.00E+00
9.00E+00	1.17E+03	3.62E+03	4.42E+03	7.63E+03	1.54E+04	3.24E+03	4.88E+03	6.41E+03
9.00E+00	1.51E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	4.31E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.73E+03
9.00E+00	9.00E+00	9.00E+00	3.43E+03	9.00E+00	9.00E+00	2.94E+03	1.47E+03	9.00E+00
1.28E+04	1.07E+04	8.83E+03	5.39E+03	9.00E+00	8.80E+03	8.27E+03	2.87E+03	9.00E+00
5.10E+02	1.03E+03	5.09E+02	4.77E+03	4.54E+03	1.59E+03	5.15E+02	9.00E+00	2.59E+03
1.07E+03	8.53E+03	5.15E+03	2.08E+03	2.67E+03	5.18E+02	1.55E+03	9.00E+00	1.08E+03
2.53E+03	9.00E+00	9.00E+00	2.04E+03	9.00E+00	2.48E+03	9.00E+00	1.99E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.81E+04	1.08E+04	2.64E+04	1.35E+04	3.08E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.76E+04	1.49E+04	6.75E+03	1.47E+04	2.40E+04	2.23E+04	1.82E+04	2.19E+04	8.63E+03
1.49E+04	1.31E+04	1.47E+04	4.24E+03	4.03E+03	9.00E+03	8.60E+03	2.98E+03	9.69E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.02E+03	9.00E+00	2.07E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.35E+03	9.00E+00	2.41E+03	9.00E+00	6.74E+03
9.00E+00	1.03E+03	1.05E+03	3.64E+03	9.00E+00	3.12E+03	1.01E+03	1.06E+03	1.57E+03
1.46E+04	1.25E+04	4.70E+03	8.91E+03	5.38E+03	1.13E+04	9.00E+00	9.00E+00	9.00E+00
4.52E+03	9.00E+00	1.97E+03	9.00E+00	1.99E+03	9.86E+02	9.92E+02	9.00E+00	9.00E+00
5.07E+02	9.00E+00	1.49E+03	9.00E+00	2.96E+03	9.00E+00	5.11E+02	9.00E+00	1.49E+03
9.00E+00	1.48E+03	9.00E+00	9.00E+00	9.00E+00	1.47E+03	9.00E+00	9.00E+00	9.00E+00
2.72E+03	9.00E+00	3.28E+03	9.00E+00	1.48E+03	9.00E+00	9.00E+00	9.00E+00	5.11E+02
9.76E+04	2.14E+05	1.54E+05	1.54E+05	1.76E+05	1.35E+05	2.61E+05	1.28E+05	1.67E+05
3.41E+04	9.43E+03	1.81E+04	2.10E+04	5.57E+03	2.26E+04	1.11E+04	8.58E+03	1.47E+04
2.47E+03	8.44E+03	6.15E+03	9.90E+03	1.33E+04	1.57E+04	4.31E+03	9.00E+00	9.00E+00
1.76E+04	2.40E+04	1.63E+04	2.76E+04	2.42E+04	3.58E+04	1.94E+04	3.48E+04	1.68E+04
4.51E+05	4.64E+05	5.13E+05	4.72E+05	4.21E+05	4.92E+05	4.23E+05	4.88E+05	4.73E+05
1.90E+05	1.97E+05	1.72E+05	1.71E+05	1.59E+05	1.71E+05	2.29E+05	2.06E+05	1.98E+05
3.14E+04	5.83E+03	1.10E+04	1.89E+04	1.26E+04	2.38E+04	3.33E+04	1.47E+04	2.11E+04
1.27E+05	1.70E+05	1.19E+05	1.34E+05	1.21E+05	1.32E+05	1.95E+05	1.21E+05	1.27E+05
7.69E+04	8.16E+04	4.34E+04	6.55E+04	1.33E+05	6.31E+04	1.24E+05	8.04E+04	8.33E+04
9.00E+00	9.00E+00	2.78E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.25E+03	6.32E+03	7.07E+03	4.77E+03	2.39E+03	7.25E+03	8.00E+03	8.13E+03	5.12E+03
4.76E+03	1.25E+04	7.93E+03	1.04E+04	1.17E+04	4.74E+03	1.62E+04	1.26E+04	6.52E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.03E+04	9.00E+00	9.00E+00
1.94E+05	1.52E+05	1.29E+05	1.76E+05	1.30E+05	1.74E+05	2.04E+05	2.04E+05	2.04E+05
9.00E+00	3.88E+03	9.00E+00	9.00E+00	7.14E+03	9.00E+00	4.00E+03	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.78E+05	1.53E+05	1.14E+05	1.36E+05	1.36E+05	1.78E+05	1.54E+05	1.71E+05	1.23E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.29E+03	9.00E+00	4.24E+03
7.72E+03	2.93E+03	4.07E+03	5.85E+03	3.08E+03	2.00E+03	9.00E+00	9.00E+00	9.00E+00

9.00E+00	4.37E+03	6.53E+03	9.00E+00	9.00E+00	2.20E+03	9.00E+00	9.00E+00	1.06E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.17E+04	5.21E+04	9.18E+03	7.97E+04	6.97E+04	4.78E+04	3.93E+04	1.80E+04	2.95E+04
5.24E+03	1.99E+03	1.57E+03	8.76E+03	7.63E+03	1.10E+04	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.68E+04	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.17E+03	9.00E+00	2.07E+03	9.00E+00	9.00E+00
7.34E+04	6.91E+04	2.60E+04	7.69E+04	4.52E+04	6.61E+04	2.08E+04	8.13E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.00E+03	9.00E+00	9.00E+00	9.00E+00
5.75E+03	2.32E+03	3.42E+03	9.64E+02	2.97E+03	3.36E+03	2.93E+03	3.77E+03	4.16E+03
2.27E+03	1.77E+03	1.35E+03	4.94E+03	9.00E+00	1.36E+03	9.00E+00	9.00E+00	4.49E+03
1.05E+04	5.61E+03	9.00E+00	5.58E+03	5.55E+03	5.94E+03	2.02E+03	4.68E+03	9.80E+02
9.12E+02	9.00E+00	9.00E+00	9.00E+00	1.35E+03	9.00E+00	5.51E+03	9.00E+00	9.00E+00
1.26E+04	1.05E+04	9.00E+00	4.81E+03	9.37E+03	1.50E+04	3.75E+03	4.82E+03	2.73E+03
9.00E+00	5.10E+02	9.00E+00	1.49E+03	9.00E+00	9.00E+00	9.00E+00	9.79E+02	9.00E+00
8.63E+04	7.99E+04	5.57E+04	1.05E+05	2.97E+04	6.06E+04	8.96E+04	6.84E+04	1.09E+05
3.59E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.35E+04	1.69E+04	2.45E+03	2.83E+04	1.43E+04	1.69E+04	6.64E+03	5.13E+03	2.55E+03
4.09E+03	7.61E+03	3.02E+03	7.74E+03	1.53E+03	1.98E+03	2.03E+03	2.53E+03	3.61E+03
9.00E+00	9.00E+00	9.11E+02	9.00E+00	3.60E+03	9.00E+00	9.00E+00	3.10E+03	2.25E+03
2.35E+04	2.59E+04	4.68E+04	3.13E+04	2.25E+04	2.89E+04	2.99E+04	1.41E+04	3.16E+04
5.30E+04	6.80E+04	6.49E+04	6.37E+04	5.97E+04	5.05E+04	6.59E+04	3.15E+04	6.42E+04
2.32E+03	3.75E+03	2.78E+03	1.88E+03	9.00E+00	4.88E+03	9.00E+00	9.00E+00	5.00E+02
9.00E+00	9.00E+00	9.00E+00	4.41E+03	9.00E+00	1.98E+03	9.00E+00	9.00E+00	8.71E+02
9.00E+00	1.96E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.58E+03	2.01E+03	9.00E+00
2.48E+03	9.00E+00	9.00E+00	1.48E+03	1.96E+03	1.01E+03	2.93E+03	9.96E+02	9.00E+00
5.03E+03	2.24E+03	2.80E+03	3.93E+03	2.53E+03	6.13E+03	2.27E+03	7.30E+03	2.29E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.15E+04	9.00E+00	9.00E+00	9.00E+00	1.56E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.16E+03	9.00E+00	9.00E+00	9.00E+00
2.02E+04	9.00E+00	8.71E+03	1.80E+04	1.31E+04	9.00E+00	1.80E+04	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.11E+04	2.11E+04	1.06E+04	1.75E+04	1.42E+04	1.06E+04	1.85E+04	2.08E+04	2.11E+04
1.63E+03	9.00E+00	9.00E+00	9.00E+00	3.70E+03	1.09E+03	9.00E+00	2.15E+03	9.00E+00
9.00E+00	9.00E+00	1.25E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.36E+03	9.00E+00	9.00E+00	9.00E+00
1.05E+05	1.30E+05	1.02E+05	1.19E+05	1.01E+05	1.15E+05	1.01E+05	1.08E+05	1.22E+05
2.14E+04	2.01E+04	2.18E+04	1.64E+04	1.52E+04	2.44E+04	1.28E+04	2.71E+04	1.87E+04
1.94E+04	1.07E+04	1.30E+04	9.00E+00	3.04E+04	9.71E+03	1.02E+04	1.35E+04	9.66E+03
2.43E+03	2.10E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.12E+03	9.00E+00	9.00E+00
5.52E+04	4.43E+04	4.76E+04	6.23E+04	3.28E+04	4.46E+04	5.36E+04	4.25E+04	6.53E+04
1.29E+04	2.75E+03	1.25E+04	7.96E+03	1.33E+04	8.85E+03	2.13E+04	1.10E+04	1.16E+04
2.94E+04	2.84E+04	7.60E+03	1.64E+04	1.19E+04	2.47E+04	1.51E+04	2.67E+04	2.38E+04
9.00E+00	2.19E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.78E+03	9.00E+00	9.00E+00
9.00E+00	9.00E+00	1.82E+03	9.00E+00	9.00E+00	9.83E+03	9.00E+00	9.00E+00	9.00E+00
7.19E+03	3.94E+03	8.59E+03	1.36E+03	9.00E+00	1.77E+03	8.89E+02	3.23E+03	3.65E+03
9.00E+00	4.09E+03	9.00E+00	2.28E+03	4.11E+03	2.25E+03	3.65E+03	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	2.31E+03	3.70E+03	9.00E+00	9.00E+00	1.85E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.21E+03	1.09E+04	1.20E+04	6.48E+03	1.07E+04	9.41E+03	6.48E+03	6.08E+03	5.77E+03
5.77E+04	1.50E+05	1.13E+05	4.47E+04	2.66E+04	2.77E+05	3.72E+04	3.22E+05	1.55E+05
1.89E+04	3.06E+04	4.42E+04	3.05E+04	2.60E+04	9.02E+04	1.94E+04	4.91E+04	2.41E+04

9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.79E+02	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	8.88E+04	3.88E+04	7.39E+04	7.30E+04	9.98E+04	6.48E+04	9.54E+04	7.54E+04

/mpj	MRL/lpr								
	C4	C5	C6	S1	S2	S3	S4	S5	S6
1.45E+03	2.11E+03	1.09E+03	3.19E+04	8.01E+03	9.45E+04	1.55E+04	2.03E+04	3.92E+04	
9.61E+04	4.68E+04	3.34E+04	8.93E+04	4.00E+04	3.16E+05	9.51E+04	8.71E+04	1.93E+05	
1.35E+04	1.05E+04	1.08E+04	2.26E+04	1.66E+04	2.53E+04	2.12E+04	1.60E+04	2.17E+04	
1.85E+03	1.98E+03	1.83E+03	3.80E+03	3.07E+03	5.10E+03	2.91E+03	2.83E+03	3.52E+03	
4.50E+04	4.10E+04	4.32E+04	6.24E+04	4.88E+04	6.86E+04	5.70E+04	4.13E+04	5.68E+04	
3.79E+03	2.63E+03	3.12E+03	1.53E+05	9.37E+04	1.54E+05	1.55E+05	1.24E+05	1.34E+05	
9.00E+00	9.00E+00	9.00E+00	3.60E+05	1.98E+05	2.80E+05	1.63E+05	2.03E+05	1.90E+05	
3.35E+03	1.36E+03	1.13E+03	1.44E+04	8.85E+03	5.10E+04	1.07E+04	1.09E+04	2.17E+04	
9.00E+00	9.00E+00	9.00E+00	3.83E+04	2.77E+04	3.10E+04	2.13E+04	5.22E+04	2.38E+04	
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.96E+05	9.00E+00	1.77E+05	9.00E+00	
9.00E+00	9.00E+00	9.00E+00	1.82E+04	1.62E+04	2.35E+04	1.93E+04	1.53E+04	1.79E+04	
2.38E+03	1.79E+03	2.25E+03	1.40E+05	8.38E+04	1.20E+05	1.49E+05	1.06E+05	1.13E+05	
4.70E+03	4.32E+03	7.36E+03	1.03E+04	1.47E+04	1.36E+04	1.97E+03	1.96E+04	1.62E+04	
2.33E+04	1.58E+04	3.00E+04	7.43E+04	1.20E+05	6.24E+04	1.75E+05	1.61E+05	1.61E+05	
2.60E+03	3.05E+03	1.30E+03	5.77E+04	8.22E+04	6.59E+04	9.09E+04	9.54E+04	8.91E+04	
5.04E+04	4.61E+04	6.02E+04	2.57E+05	2.40E+05	4.09E+05	2.31E+05	4.40E+05	2.92E+05	
9.98E+02	9.33E+03	9.00E+00	4.21E+04	8.01E+04	3.87E+04	1.37E+05	7.98E+04	5.47E+04	
9.00E+00	9.00E+00	9.00E+00	2.32E+04	1.86E+04	9.44E+03	2.29E+04	2.36E+04	1.50E+04	
9.00E+00	9.00E+00	9.00E+00	2.16E+04	4.42E+04	3.55E+04	4.35E+04	4.32E+04	1.73E+04	
1.59E+04	2.68E+04	1.57E+04	2.06E+05	2.01E+05	2.13E+05	3.34E+05	3.74E+05	2.87E+05	
2.18E+03	9.60E+02	2.43E+03	1.36E+04	1.65E+04	8.32E+03	1.57E+04	1.88E+04	1.12E+04	
2.02E+04	2.99E+04	2.82E+04	1.98E+04	3.42E+04	9.67E+03	4.39E+04	4.08E+04	2.78E+04	
8.55E+04	1.05E+05	9.25E+04	8.20E+04	6.57E+04	9.09E+04	1.56E+05	6.71E+04	6.25E+04	
2.50E+03	6.08E+03	4.06E+03	2.18E+04	2.61E+04	2.30E+04	1.31E+04	2.13E+04	1.41E+04	
5.92E+04	9.24E+04	1.08E+05	6.49E+04	1.48E+05	2.54E+05	1.47E+05	5.11E+04	3.38E+04	
1.57E+06	2.05E+06	2.13E+06	2.27E+06	1.82E+06	2.19E+06	1.15E+06	1.53E+06	1.36E+06	
8.10E+03	5.44E+03	6.42E+03	1.41E+05	1.36E+05	1.18E+05	1.32E+05	2.10E+05	1.52E+05	
9.00E+00	2.63E+03	9.00E+00	1.04E+05	1.13E+05	7.97E+04	1.69E+04	1.73E+05	1.00E+05	
9.00E+00	9.00E+00	9.00E+00	1.48E+04	1.78E+04	1.94E+04	7.24E+03	2.89E+04	1.50E+04	
4.96E+03	3.32E+03	5.77E+03	5.26E+04	5.95E+04	4.78E+04	7.29E+04	7.53E+04	7.81E+04	
1.11E+04	7.79E+03	1.23E+04	6.95E+05	7.40E+05	5.35E+05	4.14E+05	1.15E+06	9.79E+05	
1.47E+04	1.95E+04	1.08E+04	9.47E+05	1.03E+06	6.00E+05	1.10E+06	1.34E+06	1.27E+06	
9.00E+00	9.00E+00	9.00E+00	6.01E+04	5.27E+04	2.57E+04	6.14E+04	5.32E+04	5.91E+04	
9.00E+00	9.00E+00	9.00E+00	7.57E+03	6.79E+03	4.81E+03	5.16E+03	1.12E+04	6.41E+03	
9.00E+00	9.00E+00	9.00E+00	2.67E+04	2.06E+04	1.89E+04	2.79E+04	2.25E+04	4.42E+04	
4.19E+03	8.73E+03	3.32E+03	9.68E+04	1.30E+05	1.15E+05	1.20E+05	1.04E+05	1.42E+05	
6.08E+04	7.50E+04	6.45E+04	4.47E+05	4.05E+05	3.14E+05	9.10E+05	3.66E+05	5.45E+05	
4.53E+03	6.39E+03	1.92E+03	1.55E+05	1.60E+05	1.63E+05	1.68E+05	1.18E+05	1.90E+05	
8.00E+03	1.50E+03	6.41E+03	1.08E+04	1.26E+04	1.44E+04	2.30E+04	1.59E+04	1.69E+04	
5.38E+04	2.47E+04	6.28E+04	1.15E+06	1.06E+06	1.14E+06	1.18E+06	1.49E+06	1.15E+06	
9.00E+00	9.00E+00	9.00E+00	2.41E+03	2.14E+03	1.80E+03	3.04E+03	1.94E+03	3.59E+03	
1.08E+04	3.19E+04	1.62E+04	1.69E+04	9.00E+00	1.92E+04	2.61E+04	1.01E+04	2.24E+04	
9.00E+00	8.64E+03	4.26E+03	2.24E+04	1.53E+04	3.49E+04	1.56E+04	2.50E+04	2.52E+04	
9.00E+00	1.07E+05	1.81E+04	3.69E+05	2.41E+05	3.27E+05	2.70E+05	2.99E+05	1.80E+05	
5.92E+04	6.03E+04	4.51E+04	1.02E+04	9.00E+00	1.32E+04	9.00E+00	9.00E+00	9.00E+00	
1.04E+04	1.79E+04	9.00E+00	2.33E+04	1.50E+04	2.21E+04	2.52E+04	9.00E+00	1.61E+04	
3.41E+05	3.55E+05	3.22E+05	3.81E+05	3.28E+05	3.97E+05	3.63E+05	3.60E+05	3.46E+05	
2.06E+04	2.54E+04	1.90E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	
3.93E+04	4.21E+04	4.92E+04	8.33E+03	3.09E+03	2.71E+04	4.20E+03	4.76E+03	1.15E+04	
1.91E+06	2.14E+06	1.54E+06	5.39E+04	2.07E+04	2.38E+05	3.09E+04	3.38E+04	4.00E+04	

8.92E+04	9.36E+04	8.19E+04	2.37E+04	1.25E+04	2.31E+04	1.84E+04	1.60E+04	1.42E+04
2.15E+04	2.69E+04	2.03E+04	7.07E+03	1.04E+04	2.67E+04	5.44E+03	7.27E+03	1.03E+04
5.98E+04	6.45E+04	5.21E+04	1.62E+04	7.90E+03	3.85E+04	1.23E+04	7.60E+03	1.38E+04
8.66E+03	1.26E+04	8.78E+03	9.00E+00	7.18E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.58E+05	2.88E+05	2.79E+05	3.53E+05	1.48E+05	5.52E+05	2.95E+05	1.14E+05	2.35E+05
6.37E+06	7.03E+06	5.36E+06	1.15E+06	5.98E+05	4.76E+06	7.52E+05	5.57E+05	9.56E+05
6.52E+05	7.30E+05	5.40E+05	1.90E+05	6.54E+04	3.20E+05	4.03E+04	5.58E+04	7.27E+04
1.13E+05	1.09E+05	1.16E+05	4.82E+04	3.80E+04	1.24E+05	2.38E+04	3.39E+04	5.44E+04
1.69E+04	1.79E+04	2.15E+04	9.00E+00	9.00E+00	1.95E+04	9.00E+00	4.87E+03	9.00E+00
8.22E+04	8.55E+04	6.28E+04	1.96E+04	1.53E+04	9.11E+04	3.32E+04	1.56E+04	2.30E+04
5.57E+04	6.09E+04	4.79E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.11E+05	1.06E+05	9.49E+04	2.03E+05	1.10E+05	2.95E+05	3.47E+05	9.93E+04	1.88E+05
3.05E+06	2.94E+06	1.99E+06	5.93E+05	5.04E+05	3.72E+06	8.79E+05	5.28E+05	5.51E+05
4.27E+06	4.23E+06	3.34E+06	1.00E+06	3.92E+05	1.76E+06	4.56E+05	3.19E+05	5.05E+05
3.25E+05	3.54E+05	3.54E+05	3.22E+05	1.41E+05	4.54E+05	2.13E+05	1.02E+05	2.02E+05
2.15E+05	2.95E+05	1.93E+05	1.08E+06	5.24E+05	8.40E+05	8.33E+05	4.20E+05	6.77E+05
3.79E+04	6.03E+04	6.09E+04	5.24E+05	2.53E+05	3.75E+05	5.19E+05	2.10E+05	4.44E+05
2.70E+04	1.79E+04	2.56E+04	1.36E+04	9.00E+00	1.01E+04	4.99E+03	9.00E+00	5.04E+03
9.00E+00	9.00E+00	9.00E+00	2.62E+04	4.37E+04	5.52E+04	4.20E+04	2.82E+04	5.92E+04
1.40E+05	8.19E+04	5.58E+04	1.34E+05	9.26E+04	6.19E+05	4.30E+05	2.26E+05	2.04E+05
6.96E+04	6.43E+04	5.20E+04	2.69E+04	1.35E+04	2.15E+05	3.20E+04	1.51E+04	2.35E+04
5.06E+04	4.72E+04	2.63E+04	5.83E+04	4.42E+04	5.34E+04	2.14E+04	3.05E+04	2.56E+04
1.34E+06	1.45E+06	1.18E+06	7.96E+05	5.37E+05	7.14E+05	8.98E+05	4.19E+05	5.02E+05
5.87E+04	5.81E+04	6.21E+04	6.24E+04	3.18E+04	3.72E+04	5.88E+04	1.21E+04	3.74E+04
9.00E+00	9.00E+00	9.00E+00	1.01E+05	8.96E+04	1.12E+05	1.34E+05	1.76E+05	9.98E+04
9.00E+00	9.00E+00	9.00E+00	1.38E+05	1.23E+05	1.29E+05	2.23E+05	1.66E+05	2.15E+05
9.00E+00	9.00E+00	9.00E+00	2.88E+04	3.17E+04	6.37E+04	7.02E+04	5.62E+04	4.90E+04
7.85E+04	9.08E+04	7.71E+04	2.63E+05	2.71E+05	5.36E+05	1.85E+05	3.83E+05	2.37E+05
6.73E+03	6.66E+03	5.94E+03	3.03E+04	2.78E+04	1.56E+05	1.24E+05	2.19E+04	7.04E+04
1.12E+04	5.59E+03	4.22E+03	9.00E+00	9.00E+00	1.53E+04	9.00E+00	9.00E+00	9.00E+00
7.65E+04	4.41E+04	3.20E+04	9.00E+00	9.00E+00	3.95E+04	9.00E+00	9.00E+00	7.45E+03
1.94E+04	1.75E+04	1.43E+04	9.00E+00	9.00E+00	1.69E+04	1.21E+04	9.00E+00	9.00E+00
1.01E+05	1.13E+05	9.46E+04	1.19E+05	8.38E+04	7.12E+04	1.35E+05	4.54E+04	7.48E+04
7.06E+05	1.33E+06	1.02E+06	2.40E+05	1.23E+05	4.53E+05	8.01E+05	1.70E+05	2.59E+05
1.05E+05	1.41E+05	1.14E+05	2.46E+05	1.05E+05	2.08E+05	2.25E+05	1.13E+05	1.63E+05
3.90E+04	6.75E+04	5.18E+04	2.93E+05	2.76E+05	2.76E+05	2.40E+05	2.09E+05	1.80E+05
4.82E+04	8.46E+04	6.14E+04	3.27E+05	3.06E+05	3.02E+05	2.90E+05	2.34E+05	2.14E+05
5.78E+04	4.45E+05	1.17E+05	8.36E+04	6.16E+04	1.29E+05	3.01E+05	5.67E+04	5.59E+04
5.16E+04	6.69E+04	6.25E+04	1.52E+05	1.29E+05	1.59E+05	1.49E+05	1.29E+05	1.04E+05
5.89E+04	8.20E+04	6.59E+04	1.46E+05	1.06E+05	1.41E+05	1.29E+05	1.13E+05	8.17E+04
1.90E+06	1.85E+06	1.95E+06	1.99E+06	1.71E+06	2.19E+06	1.98E+06	1.92E+06	1.96E+06
1.21E+04	7.60E+04	2.07E+04	6.84E+04	5.70E+04	6.82E+04	6.59E+04	5.90E+04	5.32E+04
8.09E+06	8.11E+06	8.25E+06	8.64E+06	7.68E+06	8.68E+06	8.65E+06	7.84E+06	8.03E+06
5.17E+05	4.95E+05	5.07E+05	5.07E+05	4.68E+05	5.62E+05	5.10E+05	4.88E+05	4.86E+05
9.00E+00	2.23E+04	9.00E+00	6.41E+04	4.28E+04	1.02E+05	4.88E+04	6.84E+04	4.92E+04
1.97E+04	3.37E+04	1.54E+04	2.96E+04	1.81E+04	2.17E+04	2.74E+04	3.31E+04	1.46E+04
8.07E+03	1.89E+04	6.18E+03	1.84E+04	1.14E+04	1.98E+04	1.91E+04	1.87E+04	1.09E+04
1.55E+04	6.91E+04	2.38E+04	3.05E+04	2.18E+04	1.43E+04	4.63E+04	4.67E+04	2.09E+04
9.00E+00	5.87E+04	9.00E+00	2.04E+04	1.20E+04	1.55E+04	3.93E+04	1.07E+04	1.39E+04
5.82E+04	5.47E+04	5.10E+04	4.40E+04	3.15E+04	4.54E+04	2.83E+04	5.01E+04	3.36E+04
6.98E+03	9.00E+00	9.00E+00	5.35E+04	4.71E+04	5.70E+04	3.14E+04	6.10E+04	2.47E+04
4.32E+04	6.15E+04	5.94E+04	2.51E+05	2.69E+05	3.66E+05	3.38E+05	3.57E+05	3.21E+05
4.44E+03	4.49E+03	1.03E+04	3.41E+04	3.25E+04	3.16E+04	3.15E+04	4.09E+04	3.45E+04
8.70E+04	9.40E+04	1.14E+05	5.79E+03	6.54E+03	1.52E+04	9.63E+03	1.37E+04	6.57E+03

7.39E+04	1.24E+05	7.77E+04	1.36E+04	5.97E+03	2.77E+04	2.73E+03	1.46E+04	9.09E+03
1.28E+04	2.08E+04	8.10E+03	6.04E+04	4.30E+04	5.91E+04	2.50E+04	4.43E+04	3.60E+04
6.92E+03	5.15E+03	6.78E+02	5.48E+04	5.50E+04	3.69E+04	4.03E+04	5.06E+04	4.54E+04
5.87E+03	2.05E+03	9.00E+00	8.81E+04	6.51E+04	5.08E+04	4.14E+04	7.14E+04	5.79E+04
1.65E+04	1.38E+04	7.36E+03	1.62E+05	1.50E+05	1.34E+05	4.34E+04	8.64E+04	1.45E+05
7.20E+02	9.00E+00	9.00E+00	3.26E+04	2.69E+04	2.55E+04	2.37E+04	3.09E+04	5.07E+04
6.45E+03	1.42E+04	1.63E+04	2.41E+04	3.30E+04	2.47E+04	8.10E+03	2.74E+04	2.89E+04
5.44E+03	8.87E+03	1.95E+04	3.70E+04	2.85E+04	2.78E+04	2.69E+04	4.64E+04	4.17E+04
1.94E+04	1.87E+04	1.55E+04	5.03E+03	4.60E+03	9.88E+03	1.92E+04	1.09E+04	9.18E+03
8.90E+02	1.78E+03	3.92E+03	1.67E+04	1.98E+04	1.45E+04	5.23E+03	2.19E+04	5.73E+03
9.50E+04	1.05E+05	8.13E+04	1.59E+06	1.86E+06	1.51E+06	2.43E+06	2.43E+06	2.05E+06
8.25E+05	1.06E+06	1.05E+06	1.96E+05	1.92E+05	2.60E+05	1.85E+05	3.33E+05	1.58E+05
2.53E+04	2.31E+04	1.43E+04	1.27E+05	8.85E+04	1.47E+05	7.40E+04	1.61E+05	7.19E+04
9.00E+00	9.00E+00	5.11E+03	3.67E+04	3.68E+04	2.68E+04	3.29E+04	3.92E+04	2.53E+04
4.31E+04	5.42E+04	4.26E+04	9.00E+00	1.21E+04	1.46E+04	1.17E+04	1.06E+04	9.00E+00
1.36E+05	1.82E+05	9.24E+04	1.71E+05	1.83E+05	3.47E+05	2.70E+05	2.18E+05	1.80E+05
9.00E+00	9.00E+00	9.00E+00	1.55E+05	1.09E+05	1.17E+05	6.49E+04	1.23E+05	1.24E+05
6.18E+04	6.75E+04	4.46E+04	3.26E+06	2.87E+06	2.76E+06	2.56E+06	3.03E+06	2.98E+06
1.03E+05	1.21E+05	8.72E+04	3.48E+05	3.36E+05	7.04E+05	4.98E+05	3.79E+05	2.99E+05
9.00E+00	9.00E+00	9.00E+00	4.65E+03	1.28E+04	2.36E+04	3.57E+03	3.48E+04	7.16E+03
5.30E+04	5.45E+04	3.80E+04	4.21E+05	4.94E+05	5.58E+05	2.54E+05	6.20E+05	2.65E+05
1.11E+05	7.58E+04	7.42E+04	9.00E+00	9.00E+00	2.59E+03	9.00E+00	9.00E+00	9.00E+00
4.40E+05	6.54E+05	4.82E+05	7.94E+04	7.65E+04	9.64E+04	3.75E+04	1.73E+05	2.11E+04
5.52E+06	6.93E+06	5.64E+06	1.66E+05	1.19E+05	2.58E+05	1.10E+05	2.34E+05	8.87E+04
1.80E+06	1.75E+06	1.77E+06	4.37E+03	2.74E+03	1.56E+04	7.73E+03	5.75E+03	4.06E+03
2.61E+04	3.63E+04	3.21E+04	5.08E+04	4.52E+04	4.99E+04	4.72E+04	3.88E+04	5.10E+04
9.00E+00	1.99E+04	9.00E+00	4.92E+04	4.57E+04	3.95E+04	9.55E+03	8.03E+04	1.68E+04
1.84E+05	1.84E+05	1.58E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.04E+04	2.38E+04	8.62E+03	3.46E+05	2.61E+05	2.58E+05	1.48E+05	3.97E+05	1.61E+05
9.00E+00	9.00E+00	9.00E+00	2.91E+04	2.13E+04	9.21E+04	1.23E+04	5.07E+04	3.22E+04
7.08E+03	1.55E+04	9.00E+00	1.18E+05	7.27E+04	1.08E+05	6.75E+04	1.34E+05	1.15E+05
1.17E+04	1.61E+04	1.37E+04	4.79E+05	3.53E+05	3.54E+05	2.20E+05	4.25E+05	2.65E+05
1.36E+05	2.07E+05	1.22E+05	1.11E+06	9.77E+05	9.59E+05	3.34E+05	1.28E+06	6.00E+05
9.41E+04	8.20E+04	7.32E+04	6.21E+04	1.02E+05	6.84E+04	3.01E+04	5.36E+04	6.57E+04
5.82E+04	4.05E+04	4.09E+04	1.25E+05	1.08E+05	1.34E+05	2.35E+05	1.59E+05	1.66E+05
2.39E+04	3.68E+04	2.10E+04	9.64E+04	1.09E+05	1.50E+05	8.96E+04	1.51E+05	3.39E+05
3.24E+04	2.13E+04	3.23E+04	4.91E+04	4.88E+04	2.03E+05	3.63E+04	5.27E+04	4.71E+04
1.41E+06	1.62E+06	1.47E+06	7.50E+06	7.01E+06	9.35E+06	9.27E+06	8.97E+06	7.69E+06
2.53E+04	4.44E+04	2.10E+04	1.13E+04	8.97E+03	1.66E+04	3.53E+04	1.38E+04	2.24E+04
1.36E+05	1.28E+05	1.20E+05	2.48E+05	2.32E+05	1.18E+06	2.16E+05	2.39E+05	1.84E+05
3.50E+05	3.62E+05	3.64E+05	2.04E+05	2.08E+05	2.50E+05	3.66E+05	3.02E+05	2.93E+05
9.35E+04	1.11E+05	9.10E+04	1.72E+04	2.08E+04	4.77E+04	2.74E+04	2.33E+04	1.70E+04
9.80E+07	1.39E+08	1.07E+08	3.15E+06	2.69E+06	5.47E+06	2.79E+06	5.23E+06	2.39E+06
1.36E+06	1.50E+06	1.12E+06	1.06E+04	2.17E+04	2.00E+04	3.86E+04	1.18E+04	1.42E+04
3.56E+05	5.31E+05	3.53E+05	1.96E+05	1.84E+05	1.72E+05	1.46E+05	3.12E+05	1.49E+05
1.01E+06	1.06E+06	1.20E+06	1.70E+06	1.17E+06	3.11E+06	1.00E+06	2.17E+06	1.11E+06
2.87E+06	3.35E+06	3.17E+06	1.15E+05	7.49E+04	1.04E+05	5.16E+04	1.69E+05	7.43E+04
6.71E+04	1.21E+05	5.49E+04	9.68E+05	6.97E+05	8.94E+05	6.32E+05	1.01E+06	6.60E+05
2.69E+05	4.32E+05	3.14E+05	4.26E+05	3.49E+05	3.77E+05	4.10E+05	5.77E+05	3.16E+05
5.19E+04	7.45E+04	4.81E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
8.04E+05	1.58E+06	7.93E+05	1.25E+07	8.00E+06	1.13E+07	8.17E+06	1.41E+07	7.67E+06
1.07E+07	1.03E+07	1.12E+07	1.42E+06	9.22E+05	1.10E+06	6.22E+05	1.88E+06	8.79E+05
1.77E+05	1.98E+05	1.20E+05	5.36E+05	5.07E+05	5.50E+05	5.15E+05	7.57E+05	5.98E+05
3.61E+05	3.87E+05	4.37E+05	9.00E+00	9.00E+00	8.71E+03	9.00E+00	1.36E+04	9.00E+00

5.25E+05	7.99E+05	5.34E+05	8.28E+06	7.33E+06	7.93E+06	8.00E+06	6.96E+06	8.21E+06
1.71E+06	1.89E+06	1.88E+06	1.59E+06	1.67E+06	1.29E+06	1.03E+06	1.80E+06	1.41E+06
4.37E+04	4.31E+04	2.19E+04	2.91E+04	2.01E+04	2.60E+05	1.98E+05	4.70E+04	4.28E+04
5.22E+05	9.57E+05	7.05E+05	1.59E+07	1.80E+07	1.57E+07	1.34E+07	1.65E+07	1.45E+07
1.66E+07	1.70E+07	1.61E+07	2.94E+07	2.68E+07	2.97E+07	2.55E+07	3.76E+07	3.23E+07
1.16E+06	1.73E+06	1.34E+06	9.79E+06	9.78E+06	1.03E+07	1.16E+07	1.20E+07	1.38E+07
3.93E+04	2.57E+04	1.68E+04	6.21E+04	6.29E+04	4.65E+04	6.18E+04	7.58E+04	6.49E+04
3.00E+04	4.73E+04	4.54E+04	2.50E+06	2.24E+06	1.89E+06	1.39E+06	2.13E+06	1.59E+06
5.68E+05	8.05E+05	6.21E+05	1.73E+06	2.05E+06	1.55E+06	1.64E+06	2.17E+06	1.80E+06
1.41E+04	1.93E+04	1.47E+04	1.64E+05	2.00E+05	1.97E+05	9.40E+04	2.38E+05	1.52E+05
1.62E+04	9.00E+00	1.28E+04	3.62E+04	2.82E+04	5.80E+04	2.02E+04	4.62E+04	2.85E+04
1.75E+04	1.15E+04	3.63E+03	1.29E+05	1.37E+05	2.79E+05	9.90E+04	1.26E+05	1.73E+05
3.30E+03	9.00E+00	9.00E+00	1.78E+05	1.52E+05	2.03E+05	5.35E+04	2.06E+05	1.14E+05
1.71E+04	2.28E+04	1.80E+04	1.72E+04	1.89E+04	1.27E+04	1.06E+04	1.45E+04	8.35E+03
4.84E+05	4.43E+05	3.84E+05	1.31E+05	1.87E+05	3.74E+05	1.95E+05	2.01E+05	1.96E+05
7.63E+04	8.11E+04	7.38E+04	1.10E+04	1.03E+04	9.49E+03	1.04E+04	7.98E+03	9.00E+00
3.94E+07	4.37E+07	3.81E+07	1.17E+05	1.17E+05	2.50E+05	1.44E+05	1.32E+05	1.15E+05
3.67E+05	4.00E+05	3.79E+05	3.59E+04	4.84E+04	7.05E+04	6.08E+04	5.96E+04	2.72E+04
1.75E+06	2.33E+06	1.36E+06	1.51E+05	1.18E+05	5.25E+05	1.23E+05	1.81E+05	9.28E+04
2.68E+05	3.17E+05	2.61E+05	3.87E+04	3.49E+04	8.61E+04	4.54E+04	5.08E+04	3.71E+04
2.07E+04	3.16E+04	3.07E+04	6.27E+04	5.65E+04	6.31E+04	8.48E+04	4.24E+04	4.19E+04
6.62E+05	9.81E+05	4.63E+05	8.46E+05	7.51E+05	1.39E+06	1.08E+06	9.61E+05	7.04E+05
5.71E+05	7.84E+05	4.38E+05	1.28E+05	1.04E+05	1.11E+05	8.15E+04	1.51E+05	1.12E+05
3.52E+05	4.04E+05	3.07E+05	9.08E+05	1.06E+06	9.67E+05	1.36E+06	8.94E+05	7.64E+05
1.51E+05	1.70E+05	1.07E+05	1.43E+05	1.15E+05	8.35E+04	1.56E+05	1.39E+05	7.96E+04
3.25E+05	4.69E+05	3.24E+05	1.26E+06	1.33E+06	2.58E+06	1.91E+06	1.38E+06	1.17E+06
2.31E+06	2.59E+06	1.83E+06	1.78E+06	1.70E+06	2.73E+06	2.34E+06	1.95E+06	2.13E+06
1.16E+05	1.19E+05	8.81E+04	5.25E+05	4.19E+05	7.67E+05	7.26E+05	5.14E+05	6.92E+05
3.06E+04	3.46E+04	2.27E+04	2.49E+05	2.77E+05	3.29E+05	3.38E+05	2.47E+05	2.28E+05
9.18E+04	1.42E+05	1.08E+05	8.92E+04	1.14E+05	1.07E+05	1.28E+05	1.02E+05	1.05E+05
1.28E+04	2.92E+04	1.89E+04	3.86E+04	7.01E+04	1.20E+05	4.70E+04	3.51E+04	4.73E+04
9.39E+03	4.98E+03	1.25E+04	2.71E+04	2.43E+04	4.44E+04	3.28E+04	3.27E+04	1.78E+04
2.84E+05	4.63E+05	2.97E+05	9.00E+00	9.00E+00	9.00E+00	1.60E+04	9.00E+00	9.00E+00
9.57E+03	9.03E+03	8.87E+03	1.28E+05	1.20E+05	1.36E+05	1.58E+05	1.58E+05	1.04E+05
9.00E+00	9.00E+00	9.00E+00	1.31E+05	9.96E+04	7.59E+04	1.27E+05	1.28E+05	7.91E+04
2.66E+04	3.67E+04	2.38E+04	3.28E+05	3.17E+05	3.04E+05	3.69E+05	4.72E+05	4.56E+05
7.84E+04	8.98E+04	6.71E+04	7.16E+03	3.92E+03	2.63E+04	7.47E+03	1.11E+04	7.51E+03
3.49E+04	2.57E+04	2.94E+04	1.31E+04	1.02E+04	1.82E+04	7.36E+03	2.16E+04	3.88E+03
2.86E+04	2.33E+04	2.00E+04	8.58E+02	8.11E+03	1.33E+04	6.98E+03	9.00E+00	3.22E+03
3.33E+04	3.82E+04	4.49E+04	2.89E+04	2.63E+04	1.15E+05	1.60E+04	3.55E+04	3.82E+04
1.05E+05	1.46E+05	1.13E+05	9.00E+00	9.00E+00	9.00E+00	7.13E+02	9.00E+00	9.00E+00
1.41E+05	1.70E+05	1.47E+05	1.44E+05	1.36E+05	4.37E+05	1.12E+05	1.58E+05	1.46E+05
1.18E+04	8.25E+03	2.58E+03	9.20E+03	1.59E+04	3.45E+04	1.72E+04	1.25E+04	1.47E+04
8.12E+03	4.46E+03	1.40E+04	5.71E+04	5.07E+04	2.62E+04	1.38E+04	3.68E+04	4.87E+04
4.97E+04	1.00E+05	6.86E+04	4.21E+04	4.02E+04	4.50E+04	3.70E+04	8.23E+04	1.06E+05
1.93E+03	9.00E+00	1.93E+03	2.11E+04	2.44E+04	3.12E+04	6.26E+03	4.74E+04	1.93E+04
1.07E+05	1.15E+05	8.45E+04	2.19E+04	2.39E+04	2.76E+04	2.04E+04	2.72E+04	1.53E+04
4.00E+04	2.78E+04	3.11E+04	7.81E+03	5.81E+03	2.94E+04	2.53E+03	6.91E+03	2.76E+03
7.98E+04	1.35E+05	6.87E+04	2.41E+04	3.40E+04	3.19E+04	4.12E+04	4.03E+04	1.92E+04
8.14E+03	8.49E+03	9.00E+00	8.51E+04	8.24E+04	1.02E+05	9.31E+04	9.87E+04	7.54E+04
7.49E+05	1.07E+06	1.10E+06	9.24E+05	1.03E+06	6.65E+05	8.52E+05	6.05E+05	6.49E+05
5.70E+03	9.00E+00	9.00E+00	2.31E+04	4.10E+04	2.25E+04	1.85E+04	5.07E+04	1.78E+04
9.00E+00	1.56E+03	9.00E+00	2.21E+04	1.86E+04	2.91E+04	1.75E+04	4.91E+04	1.85E+04
9.00E+00	9.00E+00	9.00E+00	1.90E+04	1.13E+04	7.22E+03	7.72E+03	3.55E+04	8.10E+03

9.00E+00	5.10E+02	9.00E+00	3.43E+04	1.94E+04	3.78E+04	1.23E+04	3.63E+04	2.20E+04
2.61E+03	9.00E+00	2.59E+03	9.84E+03	1.13E+04	2.05E+04	8.72E+03	2.46E+04	7.55E+03
9.00E+00	9.00E+00	9.00E+00	2.66E+04	2.41E+04	3.98E+04	9.80E+03	4.76E+04	1.12E+04
9.00E+00	9.00E+00	9.00E+00	6.18E+03	1.22E+04	1.12E+04	5.67E+03	2.90E+04	2.61E+04
9.00E+00	9.00E+00	9.00E+00	1.18E+04	1.07E+04	3.17E+04	8.16E+03	4.62E+04	1.13E+04
9.00E+00	9.00E+00	9.00E+00	7.66E+03	1.43E+04	1.32E+04	4.60E+03	1.69E+04	1.11E+04
1.03E+03	9.00E+00	9.00E+00	2.86E+04	4.79E+04	2.82E+04	1.18E+04	8.39E+04	2.61E+04
9.00E+00	9.00E+00	9.00E+00	1.49E+04	9.72E+03	1.77E+04	3.01E+03	3.84E+04	1.73E+04
9.00E+00	9.00E+00	9.00E+00	1.74E+04	2.53E+04	2.96E+04	9.80E+03	2.97E+04	2.05E+04
9.00E+00	9.00E+00	9.00E+00	1.49E+04	2.77E+04	2.15E+04	1.18E+04	7.90E+04	1.62E+04
1.61E+05	1.05E+05	1.09E+05	9.38E+04	6.08E+04	1.14E+05	6.88E+04	8.10E+04	7.79E+04
3.67E+03	2.39E+03	8.16E+02	5.22E+04	4.33E+04	5.10E+04	3.21E+04	4.25E+04	1.48E+04
2.87E+06	3.40E+06	3.49E+06	3.76E+06	3.10E+06	3.72E+06	2.75E+06	6.13E+06	4.18E+06
1.12E+05	7.02E+04	9.11E+04	5.67E+04	6.64E+04	3.94E+04	5.69E+04	9.40E+04	5.27E+04
3.87E+04	2.93E+04	2.28E+04	2.54E+04	1.59E+04	2.46E+04	3.30E+04	2.56E+04	2.66E+04
3.22E+04	4.90E+04	3.29E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	1.54E+03	3.03E+04	2.99E+04	4.50E+04	4.13E+04	5.15E+04	3.23E+04
4.46E+04	4.34E+04	5.31E+04	1.03E+04	5.70E+03	1.89E+04	4.81E+03	1.08E+04	1.09E+04
8.39E+04	1.21E+05	7.44E+04	3.71E+03	7.58E+03	1.04E+04	2.13E+03	8.83E+03	7.25E+03
1.10E+05	9.83E+04	8.65E+04	1.52E+04	9.10E+03	2.58E+04	1.33E+04	9.18E+03	1.71E+04
3.62E+03	6.83E+03	1.23E+03	3.40E+04	5.52E+04	3.39E+04	4.36E+04	5.83E+04	7.12E+04
3.83E+04	3.06E+04	1.51E+04	7.82E+04	7.26E+04	7.13E+04	3.76E+04	5.60E+04	1.19E+05
1.16E+06	1.06E+06	7.23E+05	1.47E+04	1.45E+04	2.98E+04	5.37E+03	9.82E+03	1.81E+04
1.93E+05	2.09E+05	1.15E+05	9.77E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.02E+05	1.11E+05	1.15E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.08E+06	1.13E+06	4.87E+05	1.18E+05	7.25E+04	5.98E+04	8.09E+04	8.69E+04	7.13E+04
9.00E+00	9.00E+00	9.00E+00	2.49E+04	3.02E+04	3.12E+04	3.63E+04	3.73E+04	3.47E+04
9.00E+00	9.00E+00	9.00E+00	1.64E+05	1.34E+05	1.48E+05	1.19E+05	3.29E+05	2.76E+05
1.08E+07	1.03E+07	7.84E+06	5.21E+04	7.91E+04	9.00E+00	1.50E+05	2.48E+05	9.00E+00
2.67E+07	3.15E+07	2.01E+07	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.96E+04	3.24E+04	1.63E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.60E+03	1.55E+03	3.87E+03	6.72E+04	5.03E+04	8.52E+04	3.11E+04	6.75E+04	5.44E+04
3.08E+04	3.74E+04	2.35E+04	3.97E+04	3.25E+04	3.36E+04	3.37E+04	4.66E+04	4.40E+04
9.00E+00	9.00E+00	9.00E+00	2.73E+04	2.49E+04	3.57E+04	6.09E+03	3.49E+04	2.32E+04
9.00E+00	9.80E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.66E+04	3.02E+04	3.14E+04	4.55E+04	3.44E+04	6.04E+04	4.95E+04	2.90E+04	3.05E+04
4.64E+04	7.06E+04	4.55E+04	9.00E+00	9.00E+00	1.64E+04	9.00E+00	9.00E+00	9.00E+00
9.47E+05	1.33E+06	6.61E+05	8.93E+04	1.55E+05	8.49E+04	1.02E+05	1.53E+05	1.75E+05
5.22E+04	7.73E+04	3.53E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.36E+05	1.97E+05	1.56E+05	1.69E+05	1.34E+05	1.47E+05	3.19E+04	1.22E+05	8.35E+04
8.24E+04	8.87E+04	8.61E+04	1.45E+05	1.25E+05	2.42E+05	1.44E+05	1.11E+05	1.45E+05
2.91E+04	3.56E+04	2.86E+04	7.31E+04	5.53E+04	2.56E+05	3.42E+04	5.90E+04	1.35E+05
9.00E+00	5.90E+03	3.92E+03	6.15E+04	5.33E+04	6.86E+04	7.49E+04	4.73E+04	4.37E+04
3.47E+04	2.77E+04	2.12E+04	2.29E+04	1.78E+04	3.34E+04	1.02E+04	1.49E+04	2.22E+04
9.00E+00	9.00E+00	9.00E+00	7.09E+04	5.92E+04	1.20E+05	1.08E+04	1.67E+05	7.13E+04
9.00E+00	9.00E+00	9.00E+00	9.84E+03	4.92E+03	3.43E+03	1.50E+03	2.28E+04	1.68E+04
9.00E+00	9.42E+02	9.00E+00	1.56E+04	1.70E+04	6.63E+03	6.54E+03	3.69E+04	7.03E+03
2.97E+06	3.32E+06	3.23E+06	1.26E+06	1.39E+06	1.42E+06	1.42E+06	1.17E+06	1.28E+06
6.88E+04	5.43E+04	6.65E+04	4.06E+04	3.29E+04	5.28E+04	4.83E+04	4.52E+04	3.98E+04
2.50E+04	1.43E+04	2.88E+04	1.07E+04	2.03E+04	2.32E+04	2.15E+04	2.40E+04	1.93E+04
5.89E+03	9.00E+00	9.00E+00	7.87E+03	1.17E+04	2.21E+04	3.93E+03	2.21E+04	1.71E+04
8.71E+02	5.67E+03	8.71E+02	1.69E+04	5.58E+03	1.39E+04	9.43E+03	1.40E+04	1.37E+04
3.95E+03	9.00E+00	2.47E+03	6.11E+04	4.84E+04	5.65E+04	3.64E+04	1.41E+05	4.39E+04
2.56E+03	8.70E+02	8.71E+02	2.83E+04	2.03E+04	1.65E+04	1.12E+04	4.44E+04	3.68E+04

9.00E+00	9.00E+00	9.00E+00	4.60E+04	4.07E+04	5.75E+04	1.34E+04	1.20E+05	4.93E+04
5.19E+04	9.00E+00	9.00E+00	1.12E+05	1.14E+05	8.51E+04	6.32E+04	1.56E+05	1.06E+05
1.76E+05	1.55E+05	1.63E+05	1.73E+05	1.28E+05	2.11E+05	9.86E+04	2.07E+05	1.86E+05
2.58E+03	9.00E+00	9.00E+00	2.15E+04	6.68E+03	1.87E+04	1.47E+04	3.44E+04	2.32E+04
5.40E+04	9.26E+04	9.46E+04	6.60E+04	8.61E+04	9.05E+04	1.09E+05	1.06E+05	5.98E+04
2.04E+04	3.62E+04	2.81E+04	2.61E+04	1.42E+04	3.27E+04	2.38E+04	2.01E+04	2.94E+04
9.00E+00	9.00E+00	9.00E+00	1.33E+04	2.46E+04	1.59E+04	1.14E+04	4.35E+04	1.22E+04
3.18E+03	9.00E+00	9.00E+00	4.73E+03	2.00E+03	1.57E+03	9.00E+00	7.01E+03	2.06E+03
8.07E+03	6.33E+03	9.00E+00	6.73E+04	4.71E+04	7.36E+04	6.74E+04	5.70E+04	5.81E+04
9.00E+00	9.00E+00	9.00E+00	3.03E+04	2.85E+04	3.69E+04	2.67E+04	2.44E+04	2.79E+04
6.43E+04	6.31E+04	7.25E+04	2.14E+05	2.12E+05	2.17E+05	1.43E+05	2.10E+05	1.74E+05
7.88E+06	7.10E+06	7.70E+06	1.66E+06	1.63E+06	1.49E+06	1.68E+06	1.50E+06	1.65E+06
1.70E+06	1.69E+06	1.72E+06	5.25E+05	4.13E+05	7.01E+05	6.16E+05	3.98E+05	4.07E+05
1.17E+05	7.36E+04	8.62E+04	5.24E+06	4.51E+06	4.09E+06	3.05E+06	3.65E+06	3.82E+06
7.20E+06	5.60E+06	6.72E+06	2.45E+07	2.12E+07	2.09E+07	2.42E+07	1.70E+07	1.77E+07
7.84E+04	7.05E+04	6.20E+04	5.56E+04	6.09E+04	2.07E+05	5.27E+04	5.36E+04	5.07E+04
5.97E+04	6.11E+04	4.99E+04	7.25E+04	6.68E+04	7.49E+05	4.30E+04	7.79E+04	4.91E+04
2.91E+05	2.56E+05	3.14E+05	2.24E+05	2.04E+05	2.33E+05	2.51E+05	2.54E+05	2.49E+05
3.77E+04	3.39E+04	2.63E+04	1.89E+04	2.62E+04	9.31E+04	1.67E+04	2.62E+04	2.16E+04
3.67E+04	3.40E+04	3.06E+04	1.48E+05	1.03E+05	1.87E+06	4.77E+04	1.50E+05	1.17E+05
9.00E+00	9.00E+00	9.00E+00	2.22E+05	2.21E+05	1.45E+06	1.04E+05	2.46E+05	1.75E+05
5.40E+04	5.20E+04	5.26E+04	4.46E+04	4.65E+04	6.15E+04	4.84E+04	3.67E+04	3.67E+04
2.45E+04	1.11E+04	2.18E+04	4.41E+04	3.38E+04	3.05E+04	1.38E+04	2.59E+04	3.03E+04
9.00E+00	9.00E+00	9.00E+00	6.36E+04	4.00E+04	2.25E+05	1.99E+04	7.11E+04	4.45E+04
1.57E+04	2.12E+04	1.31E+04	3.88E+04	2.58E+04	9.45E+04	1.17E+04	3.41E+04	3.93E+04
9.00E+00	9.00E+00	5.12E+03	1.78E+05	1.57E+05	2.48E+05	9.94E+04	1.88E+05	1.75E+05
4.13E+06	3.91E+06	2.19E+06	2.87E+06	2.80E+06	9.41E+06	2.67E+06	5.08E+06	2.83E+06
1.98E+05	1.51E+05	1.88E+05	3.28E+05	3.46E+05	4.83E+06	4.13E+04	4.04E+05	1.85E+05
1.53E+04	1.13E+04	1.24E+04	2.72E+04	2.36E+04	1.15E+05	3.19E+03	2.20E+04	1.95E+04
5.01E+06	4.52E+06	4.26E+06	4.74E+06	5.16E+06	6.08E+06	4.08E+06	4.46E+06	3.73E+06
5.26E+06	4.84E+06	3.45E+06	4.92E+06	3.42E+06	3.07E+07	1.24E+06	5.46E+06	3.25E+06
2.90E+05	2.13E+05	2.22E+05	1.53E+07	1.35E+07	3.71E+07	7.82E+06	1.99E+07	1.30E+07
2.09E+03	5.65E+03	1.39E+03	2.91E+05	1.95E+05	1.09E+06	1.26E+05	2.79E+05	2.22E+05
9.00E+00	9.00E+00	9.00E+00	1.53E+04	1.31E+04	7.27E+04	7.49E+03	2.12E+04	1.21E+04
5.57E+04	5.24E+04	4.35E+04	4.26E+04	4.27E+04	6.64E+04	1.79E+04	3.51E+04	3.88E+04
5.09E+05	5.17E+05	5.06E+05	3.45E+04	3.55E+04	1.72E+05	2.12E+04	6.20E+04	3.94E+04
8.60E+04	7.55E+04	3.16E+04	1.62E+05	1.29E+05	1.71E+05	1.22E+05	1.32E+05	1.32E+05
2.19E+05	2.23E+05	1.87E+05	4.03E+05	4.18E+05	2.74E+05	1.04E+05	3.47E+05	2.09E+05
4.66E+06	4.32E+06	4.08E+06	5.78E+06	5.36E+06	4.26E+06	3.20E+06	5.58E+06	4.10E+06
2.59E+04	2.18E+04	2.70E+04	3.81E+05	2.67E+05	3.58E+05	6.60E+04	2.29E+05	1.45E+05
4.27E+04	4.36E+04	3.63E+04	2.07E+05	1.34E+05	2.99E+05	1.19E+05	1.73E+05	1.25E+05
3.98E+06	3.75E+06	4.05E+06	1.12E+07	7.79E+06	6.41E+06	6.38E+06	7.63E+06	6.94E+06
2.12E+04	1.72E+04	1.30E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	7.00E+04	7.12E+04	2.05E+06	5.12E+03	8.55E+04	3.63E+04
1.40E+05	1.24E+05	1.01E+05	3.67E+04	4.20E+04	6.89E+05	8.79E+03	6.06E+04	2.83E+04
1.36E+05	8.64E+04	1.23E+05	1.12E+06	8.76E+05	1.26E+07	9.25E+04	1.38E+06	7.35E+05
9.00E+00	9.00E+00	9.00E+00	6.64E+05	7.20E+05	4.60E+06	7.54E+04	1.14E+06	7.21E+05
4.89E+03	9.00E+00	9.00E+00	1.04E+05	9.38E+04	5.99E+05	2.25E+04	1.14E+05	6.40E+04
9.00E+00	9.00E+00	9.00E+00	8.10E+04	6.05E+04	3.15E+05	2.63E+04	1.36E+05	6.66E+04
9.00E+00	4.79E+03	9.00E+00	4.47E+04	5.29E+04	1.11E+05	2.02E+04	1.95E+04	4.46E+04
3.44E+04	1.31E+04	3.61E+04	3.06E+05	2.68E+05	5.48E+05	6.75E+04	2.17E+05	2.26E+05
3.03E+05	2.74E+05	3.19E+05	1.07E+06	6.84E+05	5.83E+05	6.38E+05	7.23E+05	6.78E+05
9.39E+04	8.82E+04	8.62E+04	8.30E+05	6.37E+05	1.69E+06	9.53E+04	6.33E+05	3.97E+05
4.08E+03	8.61E+03	2.83E+03	8.51E+04	3.34E+04	1.50E+05	5.44E+04	1.23E+05	5.55E+04

8.93E+04	9.00E+00	9.00E+00	8.65E+04	9.00E+00	1.95E+05	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	1.70E+05	1.62E+05	2.04E+05	1.90E+05	1.34E+05	1.34E+05
9.00E+00	9.00E+00	9.00E+00	1.87E+05	1.26E+05	3.87E+05	6.92E+04	2.27E+05	1.53E+05
8.80E+03	8.33E+03	9.00E+00	4.09E+04	2.71E+04	4.19E+04	2.42E+04	2.73E+04	4.54E+04
2.99E+06	3.45E+06	3.66E+06	3.29E+06	4.31E+06	4.59E+06	3.83E+06	4.21E+06	4.01E+06
5.73E+06	4.69E+06	3.78E+06	8.47E+05	8.99E+05	4.41E+06	5.95E+05	1.51E+06	5.74E+05
4.06E+05	3.41E+05	3.18E+05	3.83E+06	3.14E+06	5.07E+06	2.37E+06	5.56E+06	2.56E+06
8.69E+05	7.57E+05	6.89E+05	2.00E+04	2.02E+04	3.59E+04	1.57E+04	3.04E+04	1.52E+04
1.32E+05	1.41E+05	1.06E+05	7.66E+04	7.01E+04	7.05E+04	3.87E+04	1.02E+05	5.97E+04
4.09E+05	4.22E+05	2.99E+05	3.45E+05	3.50E+05	2.01E+05	9.41E+04	3.88E+05	1.88E+05
1.63E+07	1.58E+07	1.39E+07	7.08E+06	5.58E+06	4.65E+06	3.55E+06	6.85E+06	5.08E+06
4.06E+04	4.24E+04	2.83E+04	2.31E+05	1.75E+05	1.46E+05	4.62E+04	2.02E+05	9.88E+04
9.51E+05	9.27E+05	8.15E+05	6.42E+04	2.48E+04	5.82E+04	3.33E+04	5.18E+04	3.70E+04
6.25E+04	5.27E+04	4.25E+04	7.78E+04	1.66E+04	6.81E+04	1.68E+04	8.55E+04	4.68E+04
3.65E+06	4.10E+06	3.79E+06	2.62E+06	2.12E+06	1.39E+06	1.46E+06	2.60E+06	1.55E+06
2.78E+06	2.15E+06	2.07E+06	8.17E+06	6.25E+06	6.96E+07	1.54E+06	1.22E+07	6.00E+06
1.29E+05	9.21E+04	1.07E+05	1.39E+07	1.03E+07	4.94E+07	5.01E+06	1.99E+07	1.10E+07
1.45E+05	1.48E+05	9.06E+04	1.20E+04	9.25E+03	1.08E+05	2.59E+04	2.49E+04	1.20E+04
6.63E+05	4.78E+05	4.07E+05	3.39E+05	1.88E+05	1.47E+06	7.85E+04	3.50E+05	2.14E+05
4.09E+04	2.06E+04	2.64E+04	2.07E+05	1.32E+05	4.37E+05	5.85E+04	2.06E+05	1.30E+05
5.61E+04	4.52E+04	4.80E+04	2.29E+05	2.13E+05	3.32E+05	6.06E+04	2.57E+05	1.36E+05
2.85E+06	2.63E+06	3.07E+06	4.26E+06	2.88E+06	9.23E+06	1.87E+06	3.89E+06	3.29E+06
3.10E+04	1.24E+04	1.48E+04	4.63E+05	2.44E+05	1.61E+06	8.90E+04	3.20E+05	2.36E+05
2.05E+05	1.32E+05	1.56E+05	1.83E+04	8.05E+03	7.35E+04	1.25E+04	1.51E+04	6.26E+03
9.91E+04	8.76E+04	9.70E+04	1.50E+05	7.13E+04	2.53E+05	4.68E+04	1.10E+05	9.74E+04
1.14E+06	1.02E+06	1.05E+06	1.20E+07	7.82E+06	2.09E+07	2.51E+06	8.37E+06	6.28E+06
1.60E+05	1.35E+05	1.27E+05	1.61E+04	9.09E+03	2.79E+04	7.88E+03	1.32E+04	2.93E+03
1.21E+05	1.11E+05	1.55E+05	2.01E+04	2.35E+03	5.85E+04	1.55E+04	1.69E+04	8.17E+03
7.82E+04	4.46E+04	4.64E+04	6.37E+06	5.08E+06	1.41E+07	4.50E+06	1.03E+07	5.51E+06
3.66E+03	4.07E+03	5.58E+03	1.10E+06	7.82E+05	2.19E+06	6.37E+05	1.56E+06	8.04E+05
9.00E+00	9.00E+00	9.00E+00	2.70E+04	1.25E+04	3.19E+04	9.81E+03	2.66E+04	1.13E+04
8.97E+03	3.73E+03	9.00E+00	3.07E+05	1.73E+05	7.77E+05	1.08E+05	3.49E+05	1.75E+05
9.00E+00	9.00E+00	9.00E+00	2.10E+05	1.76E+05	3.58E+05	1.40E+05	2.81E+05	2.05E+05
9.00E+00	9.03E+03	9.00E+00	3.96E+05	3.44E+05	4.51E+05	1.69E+05	6.00E+05	3.32E+05
1.64E+04	1.45E+04	1.88E+04	2.79E+06	2.42E+06	5.31E+06	2.43E+06	3.01E+06	2.46E+06
9.00E+00	9.00E+00	9.00E+00	1.19E+05	6.84E+04	4.86E+05	2.58E+04	1.02E+05	6.32E+04
9.00E+00	9.00E+00	4.44E+03	1.44E+05	9.89E+04	2.45E+05	6.84E+04	1.19E+05	1.03E+05
9.00E+00	9.00E+00	9.00E+00	1.83E+05	1.13E+05	2.60E+05	6.98E+04	1.36E+05	7.84E+04
7.23E+04	6.62E+04	7.07E+04	1.35E+07	9.81E+06	1.94E+07	3.05E+06	1.04E+07	6.53E+06
9.00E+00	1.22E+03	9.00E+00	9.29E+04	7.47E+04	1.79E+05	2.53E+04	7.53E+04	7.53E+04
9.00E+00	9.00E+00	9.43E+02	1.48E+04	2.53E+04	8.34E+04	1.27E+04	4.11E+04	9.27E+03
9.00E+00	9.00E+00	9.00E+00	1.71E+04	1.68E+04	3.10E+04	6.20E+03	2.27E+04	9.94E+03
5.06E+04	2.06E+04	3.92E+04	2.97E+04	3.27E+04	1.74E+05	2.83E+04	4.76E+04	2.93E+04
2.44E+04	4.02E+04	2.40E+04	3.69E+03	1.04E+04	2.28E+04	6.76E+03	1.16E+04	1.89E+04
9.00E+00	9.00E+00	9.00E+00	1.43E+04	5.30E+04	1.65E+05	2.84E+04	8.32E+04	4.68E+04
4.14E+04	4.66E+04	2.70E+04	4.08E+04	4.19E+04	3.17E+04	2.84E+04	4.28E+04	2.84E+04
2.12E+04	9.00E+00	1.53E+04	4.10E+04	3.41E+04	1.22E+05	3.74E+04	3.48E+04	3.88E+04
3.73E+05	2.55E+05	2.73E+05	7.27E+05	6.36E+05	1.65E+06	6.72E+05	5.56E+05	7.73E+05
9.00E+00	9.00E+00	8.20E+04	1.15E+05	5.94E+04	6.12E+06	9.34E+04	7.98E+04	1.86E+04
3.08E+04	3.04E+04	3.20E+04	9.00E+00	9.00E+00	1.86E+04	9.00E+00	2.72E+03	9.00E+00
1.85E+05	1.65E+05	1.95E+05	9.88E+03	5.38E+03	3.34E+04	9.26E+03	1.14E+04	4.26E+03
6.14E+04	5.24E+04	5.37E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.03E+03
1.57E+05	1.36E+05	1.30E+05	1.11E+04	8.54E+03	1.27E+04	1.18E+04	2.47E+03	3.91E+03
3.96E+04	2.96E+04	3.01E+04	2.96E+04	3.87E+04	4.13E+04	1.83E+04	2.73E+04	2.77E+04

9.00E+00	9.00E+00	9.00E+00	6.42E+03	1.17E+04	2.40E+03	9.00E+00	5.55E+03	9.00E+00
5.84E+04	4.91E+04	5.37E+04	3.99E+03	1.11E+04	1.69E+04	4.42E+03	1.21E+04	5.61E+03
5.19E+04	7.40E+04	4.39E+04	7.16E+04	6.94E+04	7.72E+04	2.50E+04	5.76E+04	7.73E+04
3.94E+04	5.65E+04	3.65E+04	9.75E+03	1.35E+04	1.70E+04	2.74E+03	3.64E+03	5.09E+03
1.83E+04	2.41E+04	2.32E+04	2.43E+04	2.54E+04	3.47E+04	2.92E+04	2.41E+04	9.00E+00
6.70E+04	4.70E+04	2.54E+04	9.00E+00	9.00E+00	9.00E+00	1.36E+03	9.00E+00	9.00E+00
4.55E+06	5.03E+06	4.35E+06	4.47E+06	4.10E+06	6.14E+06	4.53E+06	4.64E+06	4.09E+06
4.13E+04	8.28E+04	5.71E+04	3.97E+04	6.87E+04	8.39E+04	5.24E+04	7.49E+04	4.10E+04
5.79E+05	8.03E+05	7.14E+05	2.70E+06	2.16E+06	2.15E+06	2.57E+06	1.93E+06	1.95E+06
1.90E+06	1.55E+06	2.41E+06	2.91E+06	2.53E+06	2.75E+06	2.30E+06	2.74E+06	3.03E+06
9.00E+00	9.00E+00	9.00E+00	6.42E+05	6.45E+05	2.60E+06	5.14E+05	6.01E+05	6.22E+05
9.00E+00	9.00E+00	9.00E+00	7.15E+05	6.64E+05	9.55E+05	8.27E+05	6.37E+05	6.84E+05
3.13E+06	3.13E+06	2.59E+06	6.78E+06	6.23E+06	1.82E+07	4.75E+06	7.15E+06	6.10E+06
3.01E+05	2.91E+05	2.96E+05	7.44E+05	8.16E+05	4.54E+06	2.54E+05	9.40E+05	6.30E+05
4.32E+05	4.74E+05	4.25E+05	8.63E+05	8.40E+05	1.54E+06	7.16E+05	7.95E+05	7.97E+05
3.70E+05	3.92E+05	4.68E+05	7.49E+05	7.08E+05	1.88E+06	4.12E+05	8.69E+05	5.97E+05
6.96E+06	9.72E+06	8.42E+06	7.19E+06	7.58E+06	1.31E+07	6.27E+06	9.71E+06	7.99E+06
1.60E+07	1.34E+07	1.44E+07	1.87E+07	1.73E+07	8.47E+07	9.94E+06	2.65E+07	1.59E+07
9.51E+05	8.54E+05	9.11E+05	2.15E+07	2.25E+07	4.27E+07	1.38E+07	2.88E+07	1.83E+07
9.00E+00	9.00E+00	9.00E+00	5.63E+05	5.16E+05	1.57E+06	3.92E+05	7.29E+05	4.97E+05
1.40E+06	1.51E+06	1.81E+06	1.63E+06	1.47E+06	1.91E+06	1.38E+06	2.29E+06	1.54E+06
9.00E+00	9.00E+00	9.00E+00	5.16E+05	4.62E+05	1.08E+06	3.60E+05	4.58E+05	4.41E+05
1.91E+06	1.87E+06	1.67E+06	6.29E+06	2.45E+06	2.94E+06	4.50E+06	2.26E+06	2.33E+06
1.45E+06	1.22E+06	1.78E+06	9.51E+05	7.60E+05	2.56E+06	7.36E+05	1.50E+06	9.81E+05
4.32E+05	4.50E+05	4.60E+05	1.16E+06	9.92E+05	2.84E+06	5.82E+05	1.14E+06	9.24E+05
2.50E+05	2.37E+05	2.49E+05	4.25E+05	3.22E+05	1.02E+06	1.38E+05	4.26E+05	3.28E+05
2.77E+07	2.43E+07	2.57E+07	1.99E+07	2.10E+07	3.18E+07	1.09E+07	2.24E+07	1.79E+07
5.62E+04	5.11E+04	5.92E+04	1.61E+06	1.45E+06	1.97E+06	3.34E+05	1.35E+06	8.78E+05
6.69E+05	6.33E+05	9.14E+05	1.55E+05	2.43E+05	2.10E+05	2.47E+05	2.85E+05	1.76E+05
4.84E+05	5.21E+05	4.78E+05	2.65E+05	3.37E+05	4.34E+05	3.72E+05	2.67E+05	3.57E+05
1.72E+05	1.92E+05	4.21E+04	1.60E+05	1.68E+05	3.29E+05	1.57E+05	2.52E+05	2.03E+05
3.96E+06	4.04E+06	3.87E+06	1.61E+06	1.48E+06	4.87E+06	1.04E+06	1.71E+06	1.67E+06
2.66E+05	2.75E+05	2.58E+05	2.51E+06	2.32E+06	6.80E+06	1.16E+06	3.23E+06	1.74E+06
5.06E+06	5.24E+06	5.01E+06	1.59E+07	1.46E+07	2.66E+07	6.21E+06	1.33E+07	1.00E+07
7.67E+05	6.84E+05	5.79E+05	4.58E+05	4.47E+05	8.49E+05	3.26E+05	4.30E+05	4.52E+05
5.20E+05	4.50E+05	4.62E+05	1.83E+06	1.37E+06	5.09E+06	6.04E+05	1.55E+06	1.09E+06
4.56E+05	4.90E+05	4.93E+05	2.19E+06	1.72E+06	5.00E+06	4.58E+05	1.53E+06	1.62E+06
9.00E+00	9.00E+00	9.00E+00	6.01E+05	5.60E+05	4.47E+05	6.32E+05	6.05E+05	5.28E+05
9.00E+00	4.43E+04	9.00E+00	2.23E+05	2.04E+05	2.32E+05	2.33E+05	1.88E+05	1.89E+05
9.00E+00	9.00E+00	9.00E+00	2.23E+05	2.22E+05	2.72E+05	2.27E+05	2.21E+05	2.09E+05
1.01E+05	7.33E+04	6.17E+04	9.80E+04	1.04E+05	1.32E+05	1.24E+05	1.59E+05	1.18E+05
2.64E+04	1.32E+04	7.84E+03	1.58E+05	1.04E+05	1.57E+05	1.49E+05	1.80E+05	4.13E+05
1.90E+05	1.72E+05	1.81E+05	1.45E+04	3.13E+04	2.13E+04	2.60E+04	1.47E+04	1.63E+04
1.53E+04	2.34E+04	1.50E+04	4.08E+04	4.10E+04	6.11E+04	3.75E+04	4.72E+04	4.43E+04
1.94E+04	2.27E+04	1.35E+04	5.71E+04	6.28E+04	8.33E+04	8.01E+04	8.07E+04	1.06E+05
1.39E+04	1.40E+04	9.04E+03	6.22E+04	5.34E+04	8.13E+04	5.64E+04	1.02E+05	1.16E+05
2.68E+04	5.43E+04	1.97E+04	8.98E+04	8.85E+04	1.98E+05	1.03E+05	1.12E+05	1.73E+05
1.18E+05	1.21E+05	7.06E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.65E+03	1.94E+03	1.57E+03	2.75E+04	1.89E+04	1.74E+04	1.47E+04	3.20E+04	2.63E+04
2.45E+03	1.23E+03	2.00E+03	4.29E+04	4.33E+04	4.01E+04	5.10E+04	7.65E+04	4.94E+04
2.97E+04	3.42E+04	4.03E+04	5.25E+03	1.32E+04	1.04E+04	9.39E+03	1.18E+04	8.52E+03
2.23E+04	1.31E+04	1.35E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.81E+05	6.95E+05	5.59E+05	1.07E+06	9.09E+05	8.40E+05	1.17E+06	1.30E+06	9.85E+05
2.36E+04	2.95E+04	3.00E+04	6.40E+04	3.14E+04	1.51E+05	7.14E+04	3.15E+04	3.12E+04

1.04E+05	1.09E+05	8.32E+04	4.38E+04	3.82E+04	4.03E+04	6.88E+04	8.02E+04	5.24E+04
1.35E+07	1.45E+07	1.07E+07	1.80E+05	1.47E+05	2.50E+05	6.22E+04	2.44E+05	1.33E+05
4.45E+06	4.66E+06	4.80E+06	3.15E+04	1.74E+04	3.36E+04	3.16E+04	2.22E+04	1.60E+04
3.23E+06	4.25E+06	2.25E+06	2.53E+05	2.14E+05	3.01E+05	1.74E+05	2.69E+05	1.46E+05
8.88E+06	9.54E+06	8.39E+06	5.33E+04	1.67E+04	7.27E+04	5.31E+04	3.72E+04	2.17E+04
1.44E+04	2.08E+04	1.39E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.29E+06	9.61E+06	5.91E+06	1.01E+06	9.26E+05	1.06E+06	1.11E+06	1.34E+06	9.20E+05
2.80E+07	3.01E+07	2.94E+07	1.53E+05	6.55E+04	1.75E+05	1.57E+05	1.25E+05	5.10E+04
8.51E+03	1.14E+04	5.95E+03	3.14E+04	2.96E+04	3.37E+04	3.42E+04	3.62E+04	2.89E+04
5.24E+06	5.82E+06	3.97E+06	6.40E+05	1.01E+06	8.38E+05	7.81E+05	1.18E+06	6.15E+05
4.23E+04	7.39E+04	4.65E+04	9.05E+04	9.50E+04	9.25E+04	6.50E+04	1.09E+05	8.16E+04
1.30E+07	1.35E+07	9.87E+06	8.88E+05	1.06E+06	1.30E+06	1.08E+06	1.48E+06	1.13E+06
1.81E+07	1.80E+07	2.11E+07	1.65E+05	7.79E+04	1.91E+05	1.33E+05	1.47E+05	6.05E+04
6.44E+05	5.52E+05	3.87E+05	1.08E+05	1.45E+05	1.12E+05	7.31E+04	1.38E+05	9.59E+04
2.88E+04	3.95E+04	3.33E+04	1.72E+05	1.18E+05	1.20E+05	1.67E+05	1.39E+05	1.44E+05
9.08E+04	6.98E+04	7.82E+04	2.72E+03	1.51E+04	8.53E+03	7.39E+03	6.73E+03	1.13E+04
9.00E+00	4.60E+03	1.61E+03	2.44E+04	1.62E+04	1.97E+04	9.03E+03	1.14E+04	1.79E+04
1.66E+06	1.62E+06	1.55E+06	3.72E+03	1.17E+03	5.64E+03	2.03E+03	2.72E+03	3.25E+03
3.77E+05	5.16E+05	3.63E+05	3.56E+03	8.62E+03	2.02E+04	9.55E+03	5.56E+03	5.11E+03
8.76E+05	1.10E+06	6.40E+05	1.62E+04	1.65E+04	1.49E+04	1.45E+04	1.38E+04	1.32E+04
9.26E+05	1.05E+06	7.82E+05	1.32E+04	1.01E+04	1.95E+04	2.92E+04	1.35E+04	4.64E+03
2.45E+06	2.85E+06	1.89E+06	2.60E+03	2.24E+03	9.00E+00	3.87E+03	5.67E+03	9.00E+00
1.91E+04	1.07E+04	4.89E+03	9.69E+03	6.63E+03	3.20E+04	9.33E+03	6.66E+03	1.78E+04
1.81E+04	9.25E+03	1.01E+04	9.33E+03	9.25E+03	3.93E+04	1.25E+04	1.69E+04	1.29E+04
1.04E+05	7.97E+04	7.57E+04	6.96E+04	4.90E+04	9.68E+04	3.63E+04	6.48E+04	5.65E+04
1.10E+04	7.23E+03	6.71E+03	9.15E+03	7.36E+03	7.08E+03	6.41E+03	5.34E+03	9.33E+03
5.07E+04	4.19E+04	2.90E+04	1.63E+04	1.59E+04	1.93E+04	1.81E+04	2.58E+04	3.02E+04
1.05E+06	8.31E+05	7.96E+05	6.49E+05	5.12E+05	8.46E+05	5.67E+05	6.91E+05	6.05E+05
8.96E+03	1.23E+04	8.17E+03	3.74E+03	4.91E+03	1.21E+04	2.85E+03	5.36E+03	3.49E+03
4.42E+05	3.14E+05	3.49E+05	9.00E+00	9.00E+00	5.37E+03	7.86E+03	3.15E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	2.82E+04	8.12E+03	5.44E+04	1.19E+04	4.58E+04	3.03E+03
9.00E+00	3.35E+03	9.00E+00	7.34E+04	8.10E+04	6.94E+04	4.34E+04	6.96E+04	4.33E+04
9.00E+00	9.00E+00	9.00E+00	3.37E+04	2.68E+04	2.10E+04	2.24E+04	4.21E+04	2.90E+04
6.20E+04	6.12E+04	4.24E+04	3.59E+04	3.98E+04	3.70E+04	3.99E+04	4.01E+04	3.70E+04
9.42E+04	8.86E+04	1.53E+04	2.70E+04	2.23E+04	3.18E+04	2.65E+04	2.66E+04	2.06E+04
1.75E+06	1.43E+06	1.56E+06	1.00E+06	8.69E+05	1.33E+06	1.04E+06	1.16E+06	1.13E+06
4.91E+04	3.94E+04	3.66E+04	3.11E+04	1.37E+04	3.15E+04	2.90E+04	2.42E+04	2.01E+04
1.11E+06	1.74E+06	1.07E+06	9.00E+00	9.00E+00	4.35E+04	2.22E+03	9.00E+00	9.00E+00
1.44E+05	1.68E+05	1.27E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.18E+04	9.28E+04	8.11E+04	4.16E+04	5.52E+04	8.13E+04	7.86E+04	4.68E+04	5.16E+04
6.12E+04	7.36E+04	7.57E+04	4.99E+04	4.99E+04	8.35E+04	4.02E+04	4.67E+04	5.57E+04
9.00E+00	2.61E+03	9.00E+00	9.09E+04	6.35E+04	8.17E+04	9.95E+04	4.20E+04	2.26E+04
9.00E+00	9.00E+00	1.23E+03	1.26E+05	7.70E+04	8.27E+04	1.01E+05	8.35E+04	4.72E+04
9.00E+00	3.59E+03	9.00E+00	2.12E+04	1.87E+04	1.65E+04	1.60E+04	1.16E+04	8.98E+03
2.89E+04	3.21E+04	2.21E+04	9.00E+00	5.31E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.61E+05	3.92E+05	3.36E+05	9.58E+04	2.06E+04	1.10E+05	5.18E+04	1.03E+05	1.73E+05
9.06E+06	1.23E+07	8.03E+06	5.80E+06	4.99E+06	7.72E+06	2.89E+06	6.10E+06	4.52E+06
4.64E+05	4.55E+05	3.80E+05	3.36E+05	3.32E+05	4.07E+05	4.22E+04	3.15E+05	1.98E+05
1.05E+06	2.64E+05	7.52E+05	3.45E+05	3.10E+05	4.05E+05	4.09E+05	3.42E+05	2.95E+05
6.82E+05	7.92E+05	6.56E+05	6.95E+06	6.80E+06	6.14E+06	5.69E+06	9.01E+06	7.43E+06
5.48E+04	7.71E+04	2.95E+04	5.60E+06	5.87E+06	4.51E+06	9.10E+06	9.76E+06	6.25E+06
1.91E+05	2.72E+05	2.10E+05	1.49E+06	1.59E+06	1.30E+06	2.15E+06	2.22E+06	1.73E+06
2.08E+05	2.13E+05	1.78E+05	9.00E+00	9.00E+00	1.49E+04	9.00E+00	9.00E+00	9.00E+00
3.93E+03	1.59E+03	1.19E+03	3.28E+04	3.92E+04	3.86E+04	2.60E+03	3.38E+04	1.44E+04

5.67E+04	9.01E+04	5.45E+04	1.01E+06	9.01E+05	1.16E+06	3.44E+05	9.51E+05	6.31E+05
9.00E+00	7.84E+02	7.75E+02	5.77E+04	6.43E+04	6.50E+04	3.36E+04	5.76E+04	4.11E+04
2.93E+04	4.83E+04	6.64E+04	5.75E+04	8.87E+04	1.85E+05	5.85E+04	2.00E+05	8.44E+04
7.74E+04	8.15E+04	3.53E+04	3.17E+05	3.40E+05	2.33E+05	5.26E+05	4.37E+05	3.72E+05
8.58E+04	1.04E+05	7.37E+04	2.05E+05	1.70E+05	1.72E+05	1.29E+05	1.91E+05	1.85E+05
4.65E+04	4.51E+04	5.16E+04	3.09E+04	2.66E+04	2.15E+04	1.54E+04	2.51E+04	2.04E+04
1.33E+05	1.49E+05	1.32E+05	8.69E+04	6.94E+04	6.36E+04	8.17E+04	9.77E+04	6.20E+04
2.72E+04	3.11E+04	3.09E+04	7.44E+04	1.33E+05	1.69E+05	3.70E+04	1.67E+05	5.93E+04
1.90E+04	9.00E+00	1.29E+04	3.08E+04	3.00E+04	1.98E+04	2.73E+04	3.12E+04	3.16E+04
6.63E+03	4.47E+03	4.97E+03	6.00E+03	9.33E+03	4.40E+04	2.82E+03	4.47E+03	5.11E+03
9.00E+00	9.00E+00	9.00E+00	9.13E+03	1.44E+04	3.25E+04	8.13E+03	1.61E+04	1.84E+04
1.36E+04	8.79E+03	1.04E+04	1.44E+04	1.28E+04	3.21E+04	1.20E+04	1.58E+04	1.38E+04
8.84E+03	9.14E+03	9.71E+03	1.22E+04	1.22E+04	3.21E+04	1.28E+04	1.08E+04	1.08E+04
7.19E+03	2.56E+03	2.65E+03	1.02E+04	7.78E+03	2.46E+04	4.86E+03	8.71E+03	7.74E+03
1.99E+05	2.12E+05	1.99E+05	3.48E+05	3.82E+05	4.92E+05	2.42E+05	3.11E+05	3.98E+05
2.85E+06	2.97E+06	2.88E+06	1.33E+06	1.47E+06	1.74E+06	9.31E+05	1.21E+06	1.52E+06
1.23E+06	1.39E+06	1.08E+06	2.00E+07	1.88E+07	1.80E+07	2.38E+07	1.85E+07	2.16E+07
5.20E+04	6.05E+04	5.02E+04	2.47E+05	2.64E+05	3.33E+05	2.86E+05	2.35E+05	3.06E+05
2.95E+06	2.70E+06	3.03E+06	3.32E+06	3.36E+06	4.16E+06	1.39E+06	2.74E+06	3.23E+06
1.01E+05	1.16E+05	9.08E+04	1.17E+07	1.24E+07	1.47E+07	7.71E+06	1.16E+07	1.24E+07
3.36E+04	4.52E+04	2.84E+04	7.54E+05	1.90E+06	1.33E+06	1.58E+06	1.22E+06	1.67E+06
1.54E+05	1.34E+05	1.02E+05	2.97E+05	3.30E+05	2.58E+05	2.25E+05	2.22E+05	3.75E+05
2.62E+06	2.56E+06	2.22E+06	2.11E+06	1.95E+06	2.62E+06	7.23E+05	1.59E+06	1.65E+06
6.28E+05	6.96E+05	6.72E+05	1.49E+07	1.31E+07	1.84E+07	7.46E+06	1.02E+07	1.18E+07
1.19E+05	1.06E+05	9.97E+04	7.02E+04	9.37E+04	1.02E+05	4.28E+04	7.11E+04	8.27E+04
6.15E+06	5.63E+06	6.32E+06	4.33E+06	3.79E+06	7.14E+06	2.84E+06	3.26E+06	3.93E+06
4.12E+06	3.66E+06	4.16E+06	2.10E+07	2.01E+07	1.79E+07	1.47E+07	1.60E+07	1.77E+07
4.58E+05	8.93E+05	4.27E+05	2.92E+06	2.70E+06	2.90E+06	1.42E+06	1.69E+06	2.59E+06
2.18E+05	2.54E+05	2.14E+05	4.81E+06	4.64E+06	4.39E+06	3.99E+06	3.51E+06	5.64E+06
1.13E+06	1.26E+06	1.10E+06	5.33E+06	5.13E+06	5.54E+06	3.97E+06	5.10E+06	4.63E+06
5.35E+06	5.12E+06	4.43E+06	1.47E+07	1.58E+07	1.34E+07	5.32E+06	1.22E+07	1.38E+07
3.18E+04	1.51E+04	3.44E+04	2.89E+05	1.46E+05	2.38E+05	2.24E+05	2.68E+05	2.72E+05
6.67E+03	7.42E+03	3.69E+03	3.20E+04	3.19E+04	3.01E+04	2.23E+04	2.16E+04	2.54E+04
1.43E+06	1.60E+06	1.26E+06	2.00E+07	1.99E+07	1.76E+07	2.57E+07	1.96E+07	2.33E+07
2.76E+05	2.73E+05	2.67E+05	3.93E+06	3.59E+06	3.04E+06	2.24E+06	3.01E+06	3.77E+06
4.09E+05	4.60E+05	3.87E+05	3.73E+06	3.77E+06	4.09E+06	3.45E+06	4.47E+06	3.83E+06
3.05E+05	3.19E+05	6.77E+05	8.69E+05	8.10E+05	1.39E+06	7.99E+05	1.08E+06	8.15E+05
9.96E+04	1.09E+05	8.29E+04	1.11E+07	1.19E+07	1.44E+07	7.72E+06	1.12E+07	1.21E+07
2.18E+05	2.92E+05	2.03E+05	1.62E+07	1.39E+07	1.42E+07	1.18E+07	1.17E+07	1.46E+07
5.19E+03	8.77E+03	2.83E+03	2.98E+05	2.11E+05	2.29E+05	1.49E+05	1.26E+05	1.86E+05
1.51E+05	1.80E+05	1.14E+05	6.90E+06	7.29E+06	5.09E+06	7.06E+06	6.08E+06	7.16E+06
1.13E+05	1.27E+05	1.12E+05	2.10E+06	2.04E+06	2.09E+06	1.23E+06	1.85E+06	2.44E+06
1.93E+05	2.46E+05	1.43E+05	8.22E+05	6.45E+05	9.22E+05	6.15E+05	6.53E+05	7.66E+05
2.98E+06	3.53E+06	2.79E+06	6.46E+06	6.09E+06	8.18E+06	3.20E+06	5.88E+06	6.99E+06
8.07E+05	8.37E+05	7.54E+05	6.79E+06	6.30E+06	6.28E+06	5.87E+06	5.93E+06	8.36E+06
4.30E+06	3.98E+06	4.12E+06	1.12E+08	1.15E+08	1.28E+08	3.91E+07	7.74E+07	9.14E+07
2.87E+06	2.75E+06	2.99E+06	8.99E+06	9.51E+06	8.31E+06	6.67E+06	7.10E+06	8.49E+06
6.49E+05	8.71E+05	5.09E+05	5.81E+07	4.88E+07	4.23E+07	1.58E+07	2.97E+07	3.40E+07
6.68E+04	6.12E+04	5.19E+04	1.30E+05	1.29E+05	1.69E+05	1.61E+05	8.77E+04	1.14E+05
8.33E+04	1.10E+05	7.41E+04	1.22E+05	1.08E+05	2.17E+05	1.00E+05	1.23E+05	9.88E+04
1.03E+04	2.70E+04	1.53E+04	1.19E+05	1.26E+05	2.54E+05	1.17E+05	1.36E+05	1.44E+05
6.72E+05	7.09E+05	7.01E+05	5.68E+05	4.52E+05	9.33E+05	6.91E+05	4.39E+05	4.92E+05
5.54E+05	5.15E+05	5.43E+05	7.61E+06	6.90E+06	7.75E+06	4.53E+06	5.58E+06	4.77E+06
2.80E+07	2.41E+07	2.81E+07	1.56E+08	1.50E+08	1.34E+08	1.11E+08	1.20E+08	1.31E+08

1.15E+04	6.17E+04	2.58E+04	1.70E+05	1.27E+05	2.68E+05	1.24E+05	1.12E+05	2.32E+05
4.19E+04	6.32E+04	4.29E+04	1.09E+05	8.60E+04	1.75E+05	1.17E+05	7.83E+04	1.13E+05
1.89E+03	5.31E+03	2.58E+03	2.71E+04	2.26E+04	9.03E+04	3.59E+04	2.76E+04	3.37E+04
3.96E+04	5.24E+04	4.03E+04	1.82E+04	8.55E+03	1.55E+04	1.73E+04	1.94E+04	1.85E+04
7.12E+03	9.85E+03	5.85E+03	1.08E+05	1.19E+05	1.56E+05	9.44E+04	1.16E+05	9.38E+04
9.00E+00	9.00E+00	9.00E+00	1.80E+04	1.92E+04	3.17E+04	2.18E+04	1.55E+04	1.32E+04
6.55E+05	8.08E+05	5.55E+05	1.18E+07	1.17E+07	1.39E+07	1.18E+07	1.38E+07	1.11E+07
3.90E+05	4.26E+05	3.29E+05	3.29E+05	3.48E+05	3.46E+06	2.75E+05	3.50E+05	2.70E+05
1.95E+05	2.30E+05	1.81E+05	3.08E+06	3.09E+06	3.74E+06	3.16E+06	3.31E+06	2.70E+06
4.66E+05	5.11E+05	4.11E+05	9.01E+06	7.94E+06	1.08E+07	1.13E+07	1.17E+07	1.00E+07
5.34E+03	6.05E+03	5.36E+03	7.02E+05	7.93E+05	9.49E+05	1.39E+06	8.46E+05	8.15E+05
1.25E+04	1.58E+04	1.00E+04	2.90E+05	2.06E+05	2.85E+05	1.63E+05	2.46E+05	1.70E+05
7.36E+03	8.05E+03	6.79E+03	1.70E+05	1.49E+05	1.93E+05	1.51E+05	1.74E+05	1.19E+05
9.00E+00	9.00E+00	9.00E+00	1.69E+05	2.02E+05	2.30E+05	3.40E+05	2.23E+05	2.22E+05
9.00E+00	9.00E+00	9.00E+00	4.05E+04	4.85E+04	4.79E+04	6.46E+04	5.14E+04	4.00E+04
4.78E+03	3.85E+03	9.00E+00	6.69E+04	7.45E+04	9.07E+04	5.31E+04	7.46E+04	7.50E+04
7.00E+03	6.71E+03	6.53E+03	1.31E+04	2.08E+04	1.44E+04	1.64E+04	1.40E+04	1.12E+04
9.00E+00	9.00E+00	9.00E+00	3.27E+04	6.35E+04	3.69E+04	6.84E+04	3.68E+04	4.00E+04
3.42E+03	3.42E+03	9.00E+00	1.78E+04	1.68E+04	3.34E+04	2.34E+04	2.73E+04	1.88E+04
2.88E+03	3.66E+03	3.73E+03	3.03E+04	4.02E+04	3.34E+04	3.30E+04	2.79E+04	3.71E+04
5.90E+05	5.96E+05	6.28E+05	1.37E+05	1.58E+05	3.92E+05	9.00E+00	1.72E+05	1.20E+05
6.65E+06	7.67E+06	5.91E+06	2.08E+07	2.10E+07	3.60E+07	1.47E+07	2.92E+07	1.87E+07
6.32E+06	6.18E+06	6.31E+06	1.69E+06	9.88E+05	4.41E+06	1.03E+06	1.67E+06	8.78E+05
2.16E+05	2.68E+05	2.26E+05	7.51E+06	7.24E+06	1.40E+07	4.80E+06	9.08E+06	6.23E+06
2.19E+06	1.64E+06	1.80E+06	1.32E+05	1.07E+05	2.96E+05	1.22E+05	1.32E+05	1.02E+05
1.09E+05	1.03E+05	9.83E+04	2.63E+05	2.40E+05	7.10E+05	1.14E+05	2.18E+05	2.14E+05
5.22E+05	4.92E+05	5.48E+05	1.54E+06	1.71E+06	2.19E+06	5.26E+05	1.63E+06	1.18E+06
5.04E+05	4.24E+05	5.25E+05	1.54E+06	1.64E+06	2.92E+06	8.57E+05	1.55E+06	1.02E+06
1.32E+06	1.61E+06	1.13E+06	1.48E+07	1.35E+07	2.23E+07	9.07E+06	1.51E+07	1.07E+07
2.72E+04	3.01E+04	3.18E+04	2.76E+05	3.09E+05	5.04E+05	6.85E+04	2.91E+05	2.09E+05
3.05E+04	3.76E+04	2.90E+04	5.96E+05	5.85E+05	1.02E+06	6.01E+05	7.79E+05	6.38E+05
9.00E+00	3.80E+03	9.00E+00	9.69E+04	5.66E+04	1.14E+05	4.56E+04	8.38E+04	8.11E+04
6.37E+06	7.29E+06	5.53E+06	2.10E+07	2.02E+07	3.79E+07	1.37E+07	2.95E+07	1.75E+07
1.52E+06	1.77E+06	1.71E+06	9.95E+06	1.01E+07	1.44E+07	6.12E+06	1.21E+07	9.59E+06
4.56E+04	7.47E+04	4.37E+04	1.14E+06	1.20E+06	1.93E+06	9.69E+05	1.44E+06	9.34E+05
9.00E+00	9.00E+00	9.00E+00	1.01E+05	8.54E+04	2.63E+05	8.73E+04	1.13E+05	6.96E+04
9.00E+00	9.00E+00	9.00E+00	9.82E+03	1.11E+04	1.31E+04	1.02E+04	1.24E+04	1.82E+04
9.87E+03	1.37E+04	7.49E+03	3.13E+04	2.69E+04	7.83E+04	1.24E+04	2.63E+04	2.00E+04
1.01E+05	3.32E+05	1.86E+05	4.65E+05	3.72E+05	8.77E+05	1.64E+05	4.87E+05	3.40E+05
1.47E+05	1.19E+05	1.22E+05	1.56E+05	1.67E+05	2.32E+05	1.22E+05	1.85E+05	1.75E+05
5.04E+05	5.22E+05	5.77E+05	1.61E+06	1.84E+06	2.41E+06	4.93E+05	1.76E+06	1.19E+06
8.39E+06	7.94E+06	8.38E+06	1.03E+07	1.14E+07	1.42E+07	7.68E+06	1.24E+07	1.05E+07
5.82E+04	6.25E+04	4.06E+04	1.03E+06	1.03E+06	1.24E+06	2.46E+05	9.56E+05	6.10E+05
3.96E+04	3.38E+04	3.52E+04	5.18E+03	7.21E+03	3.21E+04	6.87E+03	7.95E+03	5.33E+03
5.06E+04	5.03E+04	5.16E+04	8.74E+03	1.26E+04	3.97E+04	1.04E+04	9.71E+03	1.13E+04
4.15E+05	3.89E+05	4.15E+05	4.30E+04	4.47E+04	8.65E+04	5.19E+04	4.03E+04	3.77E+04
6.20E+06	5.45E+06	6.03E+06	6.15E+05	6.11E+05	1.54E+06	5.94E+05	6.39E+05	6.01E+05
4.81E+05	4.38E+05	4.89E+05	3.75E+05	2.73E+05	1.19E+06	1.80E+05	2.88E+05	2.73E+05
3.35E+07	3.10E+07	3.38E+07	2.57E+07	2.39E+07	3.29E+07	1.43E+07	2.44E+07	1.95E+07
3.75E+05	3.70E+05	2.82E+05	2.61E+05	2.27E+05	5.28E+06	2.14E+05	3.22E+05	2.35E+05
1.46E+04	2.16E+04	1.26E+04	7.82E+03	8.53E+03	1.26E+05	1.03E+04	1.34E+04	7.44E+03
6.85E+05	8.63E+05	6.01E+05	1.31E+05	1.16E+05	1.77E+06	1.72E+05	1.76E+05	9.09E+04
6.33E+05	6.55E+05	4.95E+05	6.82E+04	5.21E+04	2.58E+06	6.76E+04	8.86E+04	6.20E+04
1.98E+04	1.91E+04	1.20E+04	1.42E+04	1.56E+04	6.53E+04	1.35E+04	2.49E+04	7.94E+03

3.70E+04	2.55E+04	2.49E+04	9.07E+04	7.29E+04	2.31E+05	4.86E+04	8.52E+04	6.72E+04
1.04E+04	8.32E+03	7.14E+03	6.09E+03	7.08E+03	7.79E+03	2.31E+03	4.10E+03	7.59E+03
1.40E+04	1.21E+04	1.11E+04	3.87E+04	4.18E+04	1.07E+05	3.33E+04	5.78E+04	3.90E+04
3.09E+04	2.63E+04	3.00E+04	4.94E+04	5.60E+04	7.50E+04	4.44E+04	6.41E+04	4.39E+04
9.00E+00	9.00E+00	9.00E+00	9.61E+04	2.27E+05	2.88E+05	3.17E+04	2.40E+05	6.46E+04
7.29E+02	6.41E+02	5.88E+02	7.30E+02	2.24E+03	2.09E+03	4.28E+03	1.51E+03	2.38E+03
1.25E+03	2.04E+03	2.08E+03	1.67E+04	1.37E+04	2.10E+04	2.33E+04	1.67E+04	1.85E+04
5.01E+03	3.44E+03	5.13E+03	1.06E+04	1.21E+04	1.31E+04	1.21E+04	1.22E+04	1.32E+04
4.94E+04	4.34E+04	4.77E+04	2.26E+04	2.25E+04	2.58E+04	3.93E+04	1.89E+04	2.98E+04
6.63E+03	8.44E+03	6.25E+03	2.67E+04	2.59E+04	2.11E+04	5.41E+04	2.01E+04	3.92E+04
9.00E+00	9.00E+00	9.00E+00	6.22E+03	2.86E+03	4.84E+03	3.15E+03	3.21E+03	3.05E+03
4.80E+04	3.18E+04	3.80E+04	1.24E+05	1.30E+05	1.89E+05	6.11E+04	1.33E+05	1.51E+05
2.35E+03	1.73E+03	1.48E+03	3.09E+04	2.93E+04	3.83E+04	2.49E+04	2.79E+04	3.76E+04
3.40E+05	2.73E+05	2.76E+05	1.60E+06	1.60E+06	2.20E+06	1.13E+06	1.81E+06	1.70E+06
2.88E+04	1.93E+04	2.27E+04	6.60E+04	7.26E+04	8.59E+04	3.29E+04	5.09E+04	8.24E+04
1.89E+03	5.87E+02	9.00E+00	1.28E+04	1.27E+04	2.16E+04	7.71E+03	1.66E+04	2.29E+04
9.00E+00	9.00E+00	9.00E+00	3.37E+04	3.98E+04	3.75E+04	2.48E+04	3.36E+04	4.36E+04
9.73E+02	9.00E+00	9.00E+00	2.81E+03	2.14E+03	3.78E+03	1.42E+03	3.03E+03	4.14E+03
9.00E+00	9.00E+00	9.00E+00	2.65E+04	2.43E+04	3.34E+04	5.58E+03	2.29E+04	1.90E+04
3.12E+04	2.97E+04	2.97E+04	1.19E+05	1.21E+05	1.32E+05	6.83E+04	1.18E+05	1.08E+05
6.36E+04	4.48E+04	4.64E+04	8.58E+04	9.12E+04	6.01E+05	5.52E+04	1.33E+05	9.79E+04
2.84E+04	1.81E+04	2.42E+04	1.44E+03	2.43E+03	1.80E+04	3.79E+03	5.29E+03	2.08E+03
9.00E+00	9.00E+00	9.00E+00	3.32E+03	4.80E+03	1.57E+04	3.22E+03	3.49E+03	7.56E+03
9.00E+00	9.00E+00	1.75E+03	6.18E+03	4.55E+03	8.02E+03	2.81E+03	5.31E+03	5.90E+03
1.47E+04	3.92E+03	1.01E+04	6.23E+04	7.84E+04	7.78E+04	3.85E+04	7.35E+04	8.53E+04
9.00E+00	9.00E+00	9.00E+00	3.28E+03	4.20E+03	5.13E+03	7.44E+02	4.47E+03	2.05E+03
1.41E+04	1.46E+04	1.33E+04	4.64E+03	9.07E+03	6.57E+03	8.95E+03	3.30E+03	4.07E+03
3.01E+05	2.49E+05	2.81E+05	9.84E+04	1.07E+05	1.59E+05	9.65E+04	1.10E+05	1.20E+05
3.92E+05	4.44E+05	4.46E+05	4.97E+05	4.70E+05	6.17E+05	4.97E+05	4.94E+05	5.07E+05
3.99E+05	4.77E+05	4.12E+05	4.39E+05	4.24E+05	5.21E+05	4.38E+05	4.92E+05	4.38E+05
1.15E+04	1.12E+04	9.71E+03	1.76E+04	1.27E+04	3.59E+05	7.11E+03	4.38E+04	1.63E+04
9.00E+00	9.00E+00	9.00E+00	2.19E+04	1.01E+04	7.10E+05	1.07E+04	2.08E+04	1.77E+04
7.69E+03	8.67E+03	9.74E+03	4.77E+03	5.38E+03	4.89E+04	3.34E+03	3.62E+03	4.75E+03
2.36E+05	2.39E+05	2.16E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.12E+05	1.02E+05	5.87E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.09E+04	2.42E+03	1.20E+03	5.58E+04	4.07E+04	4.57E+04	4.59E+04	6.80E+04	3.28E+04
2.16E+06	2.12E+06	1.64E+06	4.50E+03	2.08E+03	8.42E+03	8.69E+03	5.18E+03	3.48E+03
2.72E+05	2.93E+05	2.76E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.06E+04	6.38E+04	3.62E+04	1.77E+04	3.40E+04	3.94E+04	1.87E+04	5.04E+04	2.54E+04
1.69E+06	1.38E+06	1.36E+06	9.00E+00	4.02E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.80E+05	1.81E+05	1.54E+05	9.00E+00	2.23E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.91E+04	5.65E+04	4.84E+04	3.07E+04	2.74E+04	4.00E+04	3.42E+04	2.29E+04	2.43E+04
1.97E+05	2.49E+05	1.94E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.55E+03	5.06E+03	5.12E+03	1.18E+04	1.11E+04	3.59E+04	6.93E+03	1.75E+04	9.75E+03
5.70E+03	6.34E+03	5.28E+03	7.58E+03	7.25E+03	1.65E+04	9.65E+03	1.01E+04	8.45E+03
2.74E+05	2.51E+05	2.35E+05	5.56E+05	4.93E+05	1.94E+06	3.45E+05	7.50E+05	4.71E+05
5.13E+03	8.91E+03	6.56E+03	1.18E+04	1.24E+04	1.86E+04	1.19E+04	1.46E+04	1.06E+04
1.93E+04	1.85E+04	1.69E+04	3.42E+04	2.93E+04	6.55E+04	2.27E+04	4.46E+04	3.55E+04
1.89E+04	2.78E+04	1.68E+04	3.17E+04	3.00E+04	4.54E+04	3.42E+04	3.97E+04	2.84E+04
2.57E+05	2.21E+05	2.66E+05	1.79E+04	9.36E+04	2.58E+04	7.98E+04	4.05E+04	3.00E+04
3.95E+05	4.40E+05	3.52E+05	9.00E+00	5.18E+04	1.15E+05	9.00E+00	9.00E+00	9.00E+00
4.85E+05	3.85E+05	3.99E+05	9.20E+04	9.99E+04	1.65E+05	1.01E+05	1.14E+05	1.63E+05
3.73E+06	4.70E+06	3.32E+06	5.17E+04	4.13E+04	2.60E+05	3.50E+04	5.55E+04	5.01E+04
3.68E+05	4.26E+05	3.15E+05	1.03E+05	7.98E+04	1.61E+05	1.06E+05	8.02E+04	3.65E+04

3.32E+05	2.82E+05	2.82E+05	3.67E+05	4.08E+05	4.74E+05	3.76E+05	5.28E+05	5.50E+05
4.61E+06	4.47E+06	4.42E+06	1.83E+05	1.36E+05	3.04E+05	7.72E+04	2.26E+05	1.54E+05
1.94E+04	3.50E+04	3.10E+04	1.00E+05	6.61E+04	1.37E+05	6.29E+03	6.99E+04	8.61E+04
2.49E+05	8.21E+05	7.07E+05	1.67E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.71E+04
3.82E+05	4.44E+05	3.21E+05	7.47E+04	8.54E+04	8.62E+04	6.72E+04	9.80E+04	7.16E+04
3.55E+05	4.42E+05	2.98E+05	7.12E+04	1.34E+05	9.52E+04	7.53E+04	6.87E+04	1.09E+05
2.85E+06	3.77E+06	2.59E+06	4.15E+05	3.95E+05	7.58E+05	3.72E+05	5.15E+05	3.69E+05
3.91E+06	4.99E+06	3.99E+06	3.51E+05	2.85E+05	6.72E+05	2.84E+05	4.18E+05	3.99E+05
7.89E+05	5.80E+05	3.59E+05	1.50E+05	1.95E+05	2.81E+05	1.22E+05	1.61E+05	1.42E+05
1.94E+06	1.89E+06	1.66E+06	9.50E+04	4.74E+04	2.14E+05	7.40E+04	7.95E+04	8.94E+04
3.03E+03	2.32E+03	2.16E+03	4.74E+03	3.75E+03	1.21E+04	1.22E+03	6.47E+03	1.93E+03
6.32E+05	3.71E+05	4.31E+05	1.32E+05	1.51E+05	1.54E+05	1.54E+05	1.46E+05	2.04E+05
9.00E+00	9.00E+00	9.00E+00	8.96E+04	8.94E+04	6.68E+04	1.37E+05	7.61E+04	5.68E+04
4.19E+05	4.01E+05	3.25E+05	9.00E+00	9.00E+00	1.15E+05	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.97E+04	9.00E+00
2.32E+04	3.90E+04	1.84E+04	1.46E+04	1.60E+04	1.59E+04	1.05E+04	1.94E+04	1.09E+04
3.41E+03	1.43E+03	1.33E+03	8.33E+04	6.24E+04	6.46E+04	1.84E+05	1.16E+05	1.74E+05
3.79E+05	4.99E+05	3.16E+05	9.95E+04	9.65E+04	3.23E+05	9.44E+04	1.27E+05	7.81E+04
5.95E+06	7.33E+06	5.16E+06	5.71E+05	5.60E+05	1.65E+06	7.33E+05	6.71E+05	4.55E+05
4.04E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.01E+06	9.38E+06	6.38E+06	1.65E+05	1.53E+05	3.64E+05	2.07E+05	1.47E+05	1.22E+05
5.05E+06	5.86E+06	4.61E+06	1.20E+05	1.17E+05	2.44E+05	1.09E+05	1.22E+05	9.47E+04
3.61E+05	3.72E+05	2.84E+05	3.39E+04	4.52E+04	7.17E+05	2.99E+04	3.12E+04	3.17E+04
6.66E+05	7.18E+05	4.66E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.22E+06	8.48E+06	5.47E+06	7.38E+05	6.43E+05	1.90E+06	6.66E+05	6.58E+05	6.29E+05
6.93E+04	6.20E+04	4.59E+04	9.00E+00	8.23E+02	9.00E+00	1.63E+03	9.00E+00	9.00E+00
5.93E+06	6.83E+06	4.34E+06	1.37E+05	1.22E+05	2.32E+05	1.41E+05	1.87E+05	1.37E+05
9.00E+00	9.00E+00	9.00E+00	5.43E+04	4.91E+04	1.09E+05	6.59E+04	5.89E+04	7.54E+04
3.05E+04	4.32E+04	4.91E+04	3.21E+04	2.94E+04	8.07E+04	2.91E+04	3.35E+04	1.27E+04
4.39E+05	3.59E+05	3.04E+05	7.67E+05	5.82E+05	9.21E+05	1.50E+06	7.79E+05	7.34E+05
2.62E+04	1.64E+04	2.41E+04	1.84E+05	1.33E+05	1.99E+05	1.30E+05	1.22E+05	1.29E+05
6.26E+05	6.14E+05	5.77E+05	2.24E+05	1.85E+05	2.59E+05	1.23E+05	1.50E+05	2.02E+05
1.62E+04	2.13E+04	1.40E+04	2.91E+03	2.24E+03	6.10E+03	1.98E+03	2.06E+03	1.46E+03
3.43E+04	2.62E+04	1.91E+04	2.50E+03	1.23E+03	6.79E+03	1.50E+03	3.41E+03	1.94E+03
7.68E+03	1.58E+04	5.86E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.78E+04	8.28E+04	6.75E+04	1.69E+04	1.74E+04	4.65E+04	1.66E+04	2.27E+04	1.39E+04
6.48E+04	5.40E+04	3.26E+04	1.07E+04	8.88E+03	6.75E+03	1.22E+04	1.95E+04	8.11E+03
6.46E+05	5.90E+05	6.70E+05	8.72E+05	7.17E+05	9.21E+05	6.74E+05	6.31E+05	6.54E+05
5.73E+03	6.50E+03	4.47E+03	1.36E+04	1.33E+04	3.55E+04	5.50E+03	1.60E+04	1.12E+04
1.18E+06	1.07E+06	1.10E+06	3.76E+04	4.15E+04	9.14E+04	2.21E+04	5.56E+04	6.43E+04
4.53E+03	1.34E+04	5.37E+03	1.55E+04	1.43E+04	2.93E+04	1.71E+04	1.80E+04	1.66E+04
8.95E+03	1.32E+04	1.08E+04	1.27E+04	1.29E+04	1.83E+04	1.26E+04	1.50E+04	1.16E+04
9.76E+04	1.21E+05	1.09E+05	1.61E+05	1.44E+05	1.62E+05	1.52E+05	1.71E+05	1.55E+05
6.60E+04	9.98E+04	7.12E+04	2.68E+06	2.27E+06	2.84E+06	7.27E+05	2.30E+06	1.25E+06
5.01E+03	6.56E+03	6.77E+03	9.93E+04	1.00E+05	1.16E+05	7.48E+03	9.03E+04	5.69E+04
9.95E+04	1.39E+05	9.76E+04	3.16E+06	2.66E+06	3.14E+06	1.16E+06	3.08E+06	1.72E+06
1.33E+05	2.24E+05	1.33E+05	1.17E+06	1.18E+06	2.56E+06	6.14E+05	2.10E+06	1.51E+06
4.24E+05	5.45E+05	4.22E+05	3.07E+05	2.43E+05	2.86E+05	1.92E+05	2.00E+05	2.52E+05
1.71E+04	1.21E+04	7.39E+03	3.46E+04	2.74E+04	2.88E+04	2.62E+04	1.75E+04	3.44E+04
3.19E+04	1.55E+04	1.16E+04	8.63E+03	1.81E+04	2.07E+04	2.36E+03	1.27E+04	9.02E+03
1.23E+04	2.14E+04	1.58E+04	6.72E+04	6.13E+04	6.77E+04	3.09E+04	3.69E+04	5.07E+04
1.44E+06	1.42E+06	1.17E+06	9.33E+05	8.54E+05	1.25E+06	1.01E+06	1.19E+06	9.87E+05
1.57E+05	9.00E+00	2.64E+05	2.75E+06	2.99E+06	2.75E+06	1.65E+06	2.17E+06	2.93E+06
2.02E+05	2.18E+05	1.75E+05	1.36E+05	1.18E+05	3.16E+05	2.11E+05	1.35E+05	2.21E+05

1.02E+06	1.40E+06	1.16E+06	1.14E+07	8.41E+06	8.64E+06	6.30E+06	6.81E+06	1.05E+07
3.77E+04	4.45E+04	1.79E+04	8.63E+05	6.71E+05	6.35E+05	4.62E+05	4.58E+05	6.50E+05
2.76E+04	2.13E+04	1.27E+04	1.26E+05	9.20E+04	8.75E+04	7.58E+04	4.82E+04	1.09E+05
6.47E+03	1.25E+04	9.29E+03	1.22E+04	1.49E+04	1.27E+04	9.81E+03	3.10E+04	1.22E+04
1.60E+05	2.31E+05	1.57E+05	9.28E+05	1.11E+06	8.00E+05	1.28E+06	1.43E+06	1.21E+06
9.00E+00	9.00E+00	9.00E+00	2.32E+05	2.85E+05	9.37E+04	3.68E+05	4.47E+05	2.33E+05
9.47E+03	2.11E+04	1.39E+04	5.97E+04	9.60E+04	5.35E+04	1.31E+05	1.17E+05	9.43E+04
9.00E+00	2.66E+03	9.00E+00	9.00E+04	6.76E+04	6.49E+04	7.64E+04	1.17E+05	8.64E+04
1.35E+04	1.03E+04	1.41E+04	7.35E+04	8.40E+04	9.32E+04	7.00E+04	1.16E+05	7.51E+04
1.27E+04	1.23E+04	1.27E+04	2.59E+05	2.30E+05	1.90E+05	3.43E+05	2.37E+05	3.13E+05
4.58E+07	5.44E+07	4.30E+07	1.48E+07	1.50E+07	1.88E+07	1.48E+07	1.31E+07	1.71E+07
5.62E+05	5.93E+05	4.63E+05	1.34E+06	1.51E+06	1.42E+06	3.68E+05	1.08E+06	1.24E+06
5.07E+03	5.42E+03	7.85E+03	5.06E+04	9.98E+04	7.18E+04	9.06E+04	4.28E+04	1.23E+05
9.77E+05	1.19E+06	8.08E+05	3.72E+05	2.93E+05	5.42E+05	2.94E+05	4.40E+05	2.56E+05
9.65E+04	9.93E+04	7.63E+04	7.41E+04	5.59E+04	6.13E+04	4.33E+04	5.23E+04	9.97E+04
9.92E+05	8.91E+05	8.66E+05	1.51E+07	1.28E+07	1.16E+07	1.29E+07	1.04E+07	1.95E+07
9.00E+00	9.00E+00	9.00E+00	1.15E+06	8.02E+05	7.95E+05	4.65E+05	4.26E+05	8.65E+05
2.16E+05	2.59E+05	1.95E+05	1.51E+06	1.46E+06	1.48E+06	4.82E+05	1.48E+06	1.24E+06
2.08E+04	3.25E+04	2.09E+04	3.23E+05	2.71E+05	2.54E+05	2.15E+05	2.55E+05	2.64E+05
5.34E+06	5.08E+06	3.98E+06	9.00E+00	9.00E+00	6.65E+05	9.00E+00	9.00E+00	9.00E+00
2.48E+05	3.20E+05	2.38E+05	1.61E+06	8.76E+05	1.56E+06	2.38E+06	1.74E+06	8.09E+05
3.24E+05	3.92E+05	2.41E+05	5.81E+05	5.63E+05	7.44E+05	2.98E+05	5.56E+05	5.61E+05
3.87E+05	3.82E+05	3.81E+05	3.90E+05	4.66E+05	4.70E+05	4.54E+05	4.67E+05	3.92E+05
1.72E+06	1.61E+06	1.53E+06	7.81E+04	5.30E+04	1.86E+05	8.72E+04	9.21E+04	6.73E+04
9.14E+05	1.00E+06	9.19E+05	1.52E+07	1.22E+07	9.35E+06	1.67E+07	9.32E+06	1.48E+07
6.61E+05	7.23E+05	4.77E+05	2.13E+05	2.14E+05	3.73E+05	1.36E+05	1.95E+05	2.87E+05
7.65E+07	7.73E+07	6.74E+07	1.36E+07	1.42E+07	1.78E+07	1.15E+07	1.46E+07	1.59E+07
3.87E+06	4.16E+06	3.38E+06	1.08E+06	1.31E+06	1.36E+06	2.89E+05	1.19E+06	9.97E+05
5.71E+05	7.01E+05	8.59E+05	3.55E+05	3.40E+05	3.38E+05	3.80E+05	3.10E+05	2.01E+05
6.67E+06	8.30E+06	5.48E+06	1.16E+07	1.18E+07	8.60E+06	5.75E+06	8.41E+06	8.18E+06
4.35E+08	4.78E+08	4.35E+08	1.05E+08	9.88E+07	1.15E+08	9.35E+07	1.10E+08	1.06E+08
2.89E+07	3.24E+07	2.85E+07	1.18E+07	1.06E+07	1.30E+07	6.82E+06	1.26E+07	1.15E+07
3.13E+06	3.37E+06	2.86E+06	2.09E+07	1.78E+07	1.99E+07	1.82E+07	2.21E+07	2.07E+07
5.30E+06	6.40E+06	4.88E+06	8.02E+07	6.18E+07	6.45E+07	3.26E+07	7.09E+07	6.92E+07
4.53E+06	5.62E+06	5.14E+06	4.52E+05	4.25E+05	6.20E+05	3.66E+05	2.14E+05	3.77E+05
6.39E+05	8.19E+05	6.72E+05	6.39E+05	5.57E+05	8.57E+05	5.47E+05	5.32E+05	5.27E+05
2.91E+06	2.84E+06	2.80E+06	3.22E+06	3.30E+06	4.19E+06	1.58E+06	2.39E+06	2.06E+06
1.07E+07	1.19E+07	1.15E+07	1.69E+07	1.83E+07	1.62E+07	1.62E+07	1.50E+07	1.81E+07
6.40E+05	1.66E+06	4.31E+05	1.95E+07	1.83E+07	2.03E+07	6.58E+06	1.35E+07	1.38E+07
9.45E+04	1.19E+05	8.85E+04	2.44E+04	2.22E+04	2.79E+04	1.72E+04	2.47E+04	1.18E+04
1.96E+05	2.26E+05	1.57E+05	5.98E+04	4.73E+04	6.10E+04	4.75E+04	7.34E+04	3.20E+04
3.38E+06	3.79E+06	3.53E+06	3.44E+06	3.62E+06	3.10E+06	3.91E+06	3.23E+06	3.94E+06
7.60E+06	8.26E+06	7.93E+06	1.25E+07	1.15E+07	1.20E+07	1.33E+07	1.21E+07	1.07E+07
8.68E+05	1.03E+06	6.37E+05	2.52E+05	2.80E+05	3.47E+05	2.27E+05	2.38E+05	1.93E+05
7.64E+03	6.30E+03	6.37E+03	3.74E+03	3.48E+03	5.30E+03	2.97E+03	4.39E+03	3.15E+03
1.03E+05	5.96E+04	9.07E+04	1.84E+05	2.45E+05	1.98E+05	1.20E+04	1.84E+05	1.88E+05
1.44E+05	1.78E+05	1.28E+05	5.40E+05	2.59E+05	3.20E+05	2.20E+05	3.62E+05	3.16E+05
5.48E+05	6.00E+05	6.22E+05	8.20E+05	8.04E+05	7.45E+05	2.17E+05	7.34E+05	8.83E+05
4.55E+04	5.42E+04	2.82E+04	4.32E+06	4.17E+06	3.09E+06	1.76E+06	4.39E+06	4.67E+06
9.00E+00	1.94E+03	9.00E+00	1.00E+05	8.78E+04	7.63E+04	2.62E+04	8.28E+04	8.58E+04
7.50E+03	1.10E+04	4.24E+03	8.77E+04	9.87E+04	4.97E+04	3.05E+04	7.96E+04	9.82E+04
8.17E+06	6.99E+06	6.44E+06	5.70E+07	4.96E+07	3.64E+07	9.28E+06	3.71E+07	4.60E+07
3.51E+05	3.80E+05	3.61E+05	6.65E+05	5.67E+05	5.37E+05	1.00E+06	6.42E+05	7.00E+05
1.54E+05	1.34E+05	1.29E+05	4.68E+04	7.29E+04	6.51E+04	1.44E+04	4.96E+04	4.28E+04

1.43E+06	1.35E+06	1.23E+06	1.06E+06	1.09E+06	8.41E+05	7.98E+05	7.46E+05	8.77E+05
6.44E+04	1.01E+05	6.64E+04	2.44E+06	2.11E+06	2.39E+06	1.32E+06	2.72E+06	2.73E+06
9.00E+00	8.59E+04	9.00E+00	3.14E+05	3.28E+05	3.87E+05	2.68E+04	2.85E+05	2.41E+05
9.00E+00	6.74E+03	9.00E+00	1.49E+05	1.04E+05	1.25E+05	4.22E+04	5.83E+04	8.72E+04
1.24E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.92E+05	2.99E+05
2.66E+05	3.02E+05	3.06E+05	1.44E+07	1.43E+07	1.12E+07	1.08E+07	1.42E+07	1.78E+07
1.21E+06	1.34E+06	1.26E+06	1.11E+07	1.13E+07	8.64E+06	8.53E+06	8.65E+06	1.12E+07
1.25E+05	1.27E+05	1.02E+05	3.33E+04	3.34E+04	4.61E+04	2.55E+04	3.83E+04	3.85E+04
1.05E+08	1.13E+08	9.09E+07	6.00E+07	5.69E+07	6.12E+07	5.11E+07	6.83E+07	4.27E+07
4.16E+05	4.78E+05	3.92E+05	4.88E+05	4.89E+05	4.62E+05	5.45E+05	5.92E+05	6.36E+05
1.71E+07	1.96E+07	1.82E+07	4.25E+06	3.64E+06	4.95E+06	2.70E+06	5.39E+06	4.08E+06
1.68E+06	1.22E+06	8.70E+05	1.44E+07	1.76E+07	1.20E+07	1.51E+07	1.81E+07	1.98E+07
6.43E+06	7.08E+06	5.27E+06	4.92E+07	4.78E+07	5.90E+07	3.70E+07	4.83E+07	4.23E+07
1.12E+06	9.93E+05	8.75E+05	1.21E+07	1.12E+07	1.15E+07	6.99E+06	1.14E+07	8.68E+06
1.01E+07	1.02E+07	9.91E+06	1.35E+07	1.32E+07	1.26E+07	1.47E+07	1.39E+07	1.36E+07
4.42E+04	5.03E+04	3.11E+04	9.91E+03	7.95E+03	1.06E+04	7.45E+03	1.09E+04	7.58E+03
1.41E+06	1.71E+06	1.45E+06	5.11E+05	4.13E+05	6.89E+05	5.68E+05	4.48E+05	4.54E+05
1.11E+05	1.18E+05	3.72E+04	8.84E+05	7.75E+05	3.66E+05	6.76E+05	8.66E+05	5.96E+05
4.14E+06	4.58E+06	3.40E+06	1.38E+07	1.35E+07	1.20E+07	1.71E+07	1.43E+07	1.43E+07
7.34E+05	7.87E+05	5.95E+05	5.60E+05	5.05E+05	1.12E+06	4.27E+05	4.58E+05	5.31E+05
7.06E+04	7.46E+04	6.51E+04	9.00E+00	1.36E+04	2.17E+04	9.00E+00	9.00E+00	9.00E+00
1.16E+07	1.18E+07	1.24E+07	4.56E+06	3.76E+06	5.54E+06	2.88E+06	5.14E+06	5.62E+06
1.86E+05	2.43E+05	1.97E+05	8.85E+06	9.35E+06	6.64E+06	6.89E+06	1.27E+07	1.17E+07
5.49E+05	4.34E+05	4.24E+05	1.87E+05	1.64E+05	2.46E+05	1.05E+05	2.02E+05	2.23E+05
9.00E+00	9.00E+00	9.00E+00	2.13E+05	2.17E+05	1.48E+05	1.76E+05	1.81E+05	2.07E+05
2.41E+05	2.24E+05	1.72E+05	1.21E+04	9.16E+03	1.58E+04	8.89E+03	8.96E+03	1.04E+04
1.30E+06	1.29E+06	1.14E+06	2.38E+05	2.01E+05	2.94E+05	1.24E+05	2.20E+05	2.49E+05
3.17E+06	3.11E+06	3.38E+06	3.64E+06	3.80E+06	2.85E+06	3.97E+06	3.38E+06	4.38E+06
1.48E+04	4.11E+04	1.29E+04	5.14E+05	4.30E+05	3.83E+05	1.88E+05	2.97E+05	3.73E+05
9.46E+05	9.06E+05	7.29E+05	1.89E+04	1.34E+04	2.39E+04	1.31E+04	1.67E+04	7.64E+03
4.50E+05	4.54E+05	3.49E+05	3.21E+04	2.52E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.27E+05	5.58E+04	1.08E+05	1.57E+05	1.05E+05	8.35E+04	2.25E+05	1.30E+05	1.30E+05
1.53E+06	1.33E+06	1.51E+06	2.68E+06	2.26E+06	1.55E+06	2.62E+06	2.12E+06	2.02E+06
2.77E+05	3.45E+05	2.41E+05	3.95E+05	2.40E+05	1.27E+06	3.37E+05	3.08E+05	2.42E+05
1.02E+05	1.10E+05	7.71E+04	7.91E+06	7.78E+06	6.76E+06	1.27E+07	1.01E+07	9.03E+06
9.00E+00	9.00E+00	9.00E+00	6.51E+05	4.27E+05	3.16E+05	9.28E+05	4.75E+05	5.94E+05
9.00E+00	8.86E+03	9.00E+00	4.87E+05	4.23E+05	3.10E+05	5.85E+05	5.28E+05	4.83E+05
4.91E+04	4.17E+04	3.29E+04	3.66E+05	2.69E+05	2.89E+05	2.40E+05	3.21E+05	3.26E+05
1.39E+04	1.19E+04	9.00E+00	4.69E+05	4.15E+05	4.02E+05	3.21E+05	4.04E+05	3.67E+05
2.87E+05	3.69E+05	3.34E+05	3.07E+06	3.06E+06	2.62E+06	3.83E+06	2.94E+06	2.97E+06
5.38E+03	9.00E+00	1.00E+03	3.41E+05	2.57E+05	2.51E+05	1.26E+05	2.30E+05	2.09E+05
2.20E+04	8.16E+03	1.03E+04	6.68E+04	5.08E+04	7.56E+04	6.63E+04	7.09E+04	1.93E+04
9.00E+00	9.00E+00	9.00E+00	2.06E+05	8.95E+04	1.67E+05	7.48E+04	8.78E+04	1.61E+05
1.38E+05	1.36E+05	1.22E+05	2.14E+06	2.37E+06	1.65E+06	2.11E+06	2.11E+06	1.68E+06
7.64E+03	1.11E+04	1.10E+04	3.07E+05	2.37E+05	1.91E+05	2.43E+05	2.60E+05	3.16E+05
9.69E+06	1.06E+07	7.59E+06	7.04E+06	6.41E+06	5.86E+06	5.13E+06	6.63E+06	6.69E+06
8.66E+05	9.47E+05	6.69E+05	3.35E+07	3.54E+07	2.38E+07	3.45E+07	3.41E+07	3.25E+07
2.94E+06	3.11E+06	2.78E+06	2.26E+07	2.06E+07	1.26E+07	2.94E+07	2.03E+07	2.27E+07
3.92E+04	2.78E+04	3.12E+04	8.68E+04	8.49E+04	7.36E+04	1.03E+05	5.87E+04	1.03E+05
1.53E+06	1.74E+06	1.27E+06	3.14E+06	2.13E+06	2.43E+06	1.58E+06	2.20E+06	2.23E+06
4.24E+04	3.44E+04	3.21E+04	8.55E+05	7.95E+05	7.46E+05	4.39E+05	8.43E+05	1.11E+06
1.62E+04	1.82E+04	1.40E+04	8.60E+04	8.77E+04	9.09E+04	1.49E+04	7.35E+04	1.07E+05
1.40E+05	1.50E+05	1.17E+05	1.74E+05	1.34E+05	1.30E+05	8.35E+04	1.33E+05	1.90E+05
6.82E+06	7.31E+06	6.72E+06	1.16E+07	1.11E+07	8.83E+06	6.63E+06	8.87E+06	1.10E+07

7.86E+04	8.13E+04	9.81E+04	3.65E+05	3.98E+05	4.21E+05	2.93E+05	3.38E+05	4.27E+05
7.57E+04	3.99E+04	9.39E+04	1.26E+05	1.23E+05	9.90E+04	1.31E+05	1.12E+05	1.40E+05
5.44E+06	6.13E+06	5.36E+06	9.07E+06	8.34E+06	7.28E+06	9.93E+06	8.17E+06	1.22E+07
1.91E+05	1.91E+05	1.87E+05	1.63E+06	1.64E+06	1.36E+06	2.32E+05	1.48E+06	1.54E+06
5.60E+04	4.76E+04	5.23E+04	1.02E+05	1.02E+05	9.24E+04	5.70E+04	8.57E+04	8.95E+04
5.39E+06	6.05E+06	5.17E+06	7.27E+05	6.92E+05	1.11E+06	7.67E+05	9.29E+05	8.44E+05
1.26E+05	3.39E+05	3.49E+05	1.03E+06	1.37E+06	8.64E+05	3.73E+05	9.65E+05	1.37E+06
2.21E+07	2.13E+07	2.20E+07	8.09E+07	8.19E+07	5.91E+07	1.06E+08	7.29E+07	9.06E+07
2.77E+05	3.02E+05	3.03E+05	6.14E+05	5.45E+05	4.31E+05	4.75E+05	5.25E+05	4.77E+05
1.12E+04	1.30E+04	1.49E+04	8.16E+04	5.68E+04	5.08E+04	8.46E+04	5.85E+04	5.79E+04
8.14E+05	8.97E+05	7.85E+05	6.83E+05	5.97E+05	5.47E+05	5.47E+05	5.06E+05	5.43E+05
1.18E+04	5.51E+04	2.46E+04	8.19E+05	6.19E+05	7.50E+05	3.47E+05	6.90E+05	5.82E+05
1.63E+06	1.84E+06	1.63E+06	4.14E+05	3.00E+05	6.54E+05	3.54E+05	3.36E+05	3.85E+05
1.51E+05	1.46E+05	1.42E+05	6.89E+04	7.67E+04	9.23E+04	6.53E+04	6.04E+04	7.82E+04
1.43E+07	1.69E+07	1.48E+07	3.94E+07	3.64E+07	2.69E+07	7.12E+07	3.31E+07	3.65E+07
1.03E+05	9.54E+04	8.94E+04	3.51E+03	3.77E+03	6.24E+03	1.57E+03	3.59E+03	1.26E+03
6.60E+05	6.63E+05	5.08E+05	1.76E+04	1.21E+04	4.04E+04	1.11E+04	1.42E+04	7.43E+03
3.83E+04	3.70E+04	3.10E+04	4.02E+04	4.40E+04	1.10E+05	3.79E+04	3.95E+04	3.35E+04
1.15E+06	1.19E+06	8.61E+05	2.71E+05	3.81E+05	9.60E+05	3.81E+05	4.23E+05	4.77E+05
2.02E+05	2.45E+05	1.63E+05	6.88E+05	8.58E+05	6.99E+05	6.11E+05	5.83E+05	5.80E+05
3.09E+05	4.33E+05	2.57E+05	2.68E+05	3.29E+05	3.15E+05	1.94E+05	2.12E+05	1.66E+05
1.20E+05	9.60E+04	1.03E+05	4.89E+06	5.32E+06	4.45E+06	6.65E+06	4.74E+06	4.56E+06
8.74E+06	1.03E+07	8.85E+06	3.85E+06	4.63E+06	4.11E+06	2.59E+06	3.69E+06	3.28E+06
3.08E+06	2.94E+06	2.63E+06	2.65E+06	2.59E+06	2.91E+06	6.12E+06	3.00E+06	2.42E+06
3.60E+06	3.68E+06	3.25E+06	7.31E+06	9.47E+06	8.41E+06	7.90E+06	8.18E+06	1.30E+06
1.77E+07	1.73E+07	1.54E+07	2.36E+07	3.30E+07	2.70E+07	2.81E+07	3.05E+07	2.46E+07
5.72E+05	7.28E+05	5.18E+05	8.43E+05	8.58E+05	7.66E+05	9.89E+05	8.08E+05	7.04E+05
6.48E+04	9.09E+04	7.79E+04	2.06E+05	2.69E+05	1.97E+05	1.43E+05	1.53E+05	1.87E+05
1.97E+06	1.29E+06	1.17E+06	1.65E+06	2.15E+06	9.70E+06	1.69E+06	1.57E+06	1.38E+06
1.38E+07	1.30E+07	1.31E+07	1.08E+07	1.18E+07	4.04E+07	1.15E+07	1.02E+07	1.23E+07
2.54E+05	3.50E+05	2.04E+05	5.12E+05	5.74E+05	1.78E+06	3.99E+05	5.17E+05	5.48E+05
1.67E+07	1.51E+07	1.44E+07	3.55E+06	4.43E+06	6.69E+06	4.04E+06	3.38E+06	3.63E+06
1.56E+07	2.06E+07	1.54E+07	3.22E+06	3.43E+06	3.23E+06	2.54E+06	3.24E+06	2.26E+06
9.00E+00	6.47E+04	9.19E+04	3.90E+05	3.19E+05	2.91E+05	2.24E+05	3.19E+05	2.29E+05
5.72E+06	6.42E+06	5.38E+06	7.16E+06	7.93E+06	6.87E+06	7.74E+06	7.02E+06	5.65E+06
1.84E+08	1.93E+08	1.77E+08	3.32E+07	3.71E+07	3.66E+07	3.01E+07	3.88E+07	3.62E+07
3.89E+05	4.07E+05	2.37E+05	4.42E+06	4.57E+06	3.85E+06	3.93E+06	4.06E+06	4.18E+06
6.46E+06	6.18E+06	5.56E+06	2.43E+07	3.08E+07	2.51E+07	3.25E+07	3.20E+07	2.92E+07
5.89E+05	5.83E+05	5.05E+05	2.57E+06	2.63E+06	2.32E+06	2.37E+06	2.96E+06	2.24E+06
2.72E+05	9.00E+00	1.64E+05	1.01E+06	1.20E+06	8.51E+05	1.09E+06	9.98E+05	9.34E+05
6.62E+06	6.98E+06	6.49E+06	8.34E+06	9.79E+06	8.07E+06	1.07E+07	1.03E+07	8.76E+06
2.68E+05	2.91E+05	1.90E+05	6.72E+04	5.83E+04	1.68E+04	4.12E+04	5.97E+04	3.72E+04
3.50E+07	2.99E+07	2.96E+07	1.30E+07	1.36E+07	2.07E+07	1.27E+07	1.36E+07	1.10E+07
1.35E+06	1.75E+06	1.33E+06	5.23E+05	5.67E+05	7.95E+05	4.17E+05	6.37E+05	6.85E+05
2.91E+05	2.62E+05	2.41E+05	1.57E+05	1.49E+05	1.33E+05	1.61E+05	1.39E+05	1.12E+05
5.95E+05	6.41E+05	6.23E+05	9.68E+05	1.01E+06	9.31E+05	6.72E+05	1.10E+06	7.96E+05
1.76E+05	1.43E+05	5.32E+04	4.33E+05	3.68E+05	3.65E+05	1.90E+05	2.07E+05	2.34E+05
3.58E+04	1.47E+04	4.46E+04	1.06E+05	3.64E+04	9.16E+04	6.11E+04	6.95E+04	8.22E+04
2.17E+03	1.04E+03	1.04E+03	3.19E+03	3.47E+03	2.71E+04	2.01E+03	4.18E+03	2.26E+03
3.54E+03	3.75E+03	3.96E+03	1.09E+04	1.12E+04	3.78E+04	5.72E+03	1.59E+04	1.05E+04
4.26E+03	5.52E+03	3.57E+03	5.78E+03	5.21E+03	1.10E+04	5.24E+03	6.60E+03	5.94E+03
1.18E+05	1.45E+05	1.07E+05	1.58E+05	1.58E+05	2.32E+05	1.63E+05	1.76E+05	1.39E+05
9.01E+03	9.36E+03	6.08E+03	8.92E+03	7.73E+03	1.09E+04	9.59E+03	9.52E+03	1.09E+04
1.98E+03	1.68E+03	1.78E+03	2.30E+03	3.32E+03	4.54E+03	2.18E+03	3.45E+03	2.14E+03

1.64E+06	1.69E+06	1.83E+06	2.82E+06	2.14E+06	2.67E+06	2.44E+06	2.41E+06	2.13E+06
1.50E+04	1.72E+04	1.48E+04	1.90E+04	2.20E+04	2.14E+04	2.07E+04	2.14E+04	2.09E+04
1.35E+05	1.58E+05	1.27E+05	1.93E+05	1.74E+05	1.97E+05	1.98E+05	2.12E+05	1.89E+05
2.81E+06	3.55E+06	2.87E+06	4.25E+06	3.97E+06	4.42E+06	4.51E+06	4.62E+06	4.27E+06
4.45E+03	9.33E+03	8.21E+03	2.48E+05	1.28E+05	2.17E+05	1.39E+05	1.43E+05	2.37E+05
2.23E+04	1.71E+04	9.74E+03	7.10E+04	5.34E+04	9.90E+04	4.06E+04	3.35E+04	1.07E+05
1.30E+04	2.26E+04	1.68E+04	4.37E+04	3.53E+04	3.39E+04	2.39E+04	2.26E+04	3.10E+04
8.00E+04	7.24E+04	7.22E+04	7.35E+04	5.72E+04	5.72E+04	3.11E+04	5.37E+04	3.67E+04
1.84E+04	2.28E+04	2.05E+04	2.57E+04	2.02E+04	1.48E+05	1.86E+04	3.67E+04	2.70E+04
9.00E+00	9.00E+00	9.00E+00	1.90E+05	1.70E+05	2.26E+05	2.07E+05	1.59E+05	2.46E+05
1.19E+04	1.04E+04	4.20E+03	9.68E+04	6.84E+04	5.65E+04	6.09E+04	4.51E+04	9.21E+04
1.54E+04	2.13E+04	9.00E+00	2.81E+05	2.39E+05	2.49E+05	3.93E+05	2.10E+05	3.08E+05
5.85E+04	6.40E+04	6.08E+04	1.22E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
8.97E+05	1.01E+06	7.20E+05	6.97E+04	4.04E+04	1.26E+05	6.74E+04	8.43E+04	7.79E+04
2.55E+07	3.11E+07	2.32E+07	1.96E+06	1.75E+06	4.08E+06	1.88E+06	2.62E+06	2.51E+06
1.91E+06	2.54E+06	1.60E+06	9.38E+05	8.07E+05	1.33E+06	5.72E+05	7.49E+05	8.79E+05
2.96E+06	4.16E+06	2.87E+06	5.04E+05	1.74E+05	7.36E+05	3.29E+05	7.44E+05	5.19E+05
1.25E+07	1.63E+07	1.33E+07	8.25E+06	7.73E+06	1.05E+07	5.77E+06	8.68E+06	8.17E+06
3.57E+03	2.65E+04	9.06E+03	6.88E+05	5.40E+05	5.61E+05	3.87E+05	6.99E+05	4.53E+05
3.18E+05	3.35E+05	3.04E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.07E+05	3.85E+05	1.94E+05	1.50E+06	1.23E+06	1.53E+06	6.37E+05	1.58E+06	9.32E+05
2.36E+07	2.67E+07	2.30E+07	3.74E+07	3.27E+07	3.44E+07	2.91E+07	3.87E+07	3.18E+07
9.17E+04	2.02E+05	1.02E+05	2.18E+06	4.10E+06	4.73E+06	1.48E+06	3.34E+06	2.08E+06
8.98E+06	1.12E+07	8.74E+06	9.02E+05	7.76E+05	1.76E+06	8.90E+05	8.81E+05	1.07E+06
6.47E+05	6.80E+05	5.79E+05	2.83E+06	2.41E+06	3.29E+06	2.93E+06	1.72E+06	1.16E+06
5.58E+05	7.20E+05	5.05E+05	3.87E+05	4.65E+05	6.01E+05	3.63E+04	4.44E+05	2.78E+05
1.64E+05	1.97E+05	1.30E+05	1.36E+05	1.29E+05	1.66E+05	2.98E+04	1.78E+05	7.92E+04
2.80E+04	4.90E+04	3.48E+04	1.44E+06	1.87E+06	1.66E+06	1.44E+05	1.83E+06	1.12E+06
4.70E+05	6.26E+05	4.88E+05	2.31E+06	2.57E+06	2.08E+06	3.42E+05	2.67E+06	1.99E+06
1.32E+05	1.17E+05	1.47E+05	4.72E+05	6.19E+05	3.56E+05	1.75E+05	3.69E+05	7.67E+05
2.32E+05	2.58E+05	1.85E+05	1.44E+06	1.57E+06	1.50E+06	4.57E+05	1.52E+06	1.24E+06
9.00E+00	9.00E+00	9.00E+00	3.24E+05	2.57E+05	3.86E+05	4.29E+05	3.51E+05	3.02E+05
4.53E+03	6.41E+03	6.42E+03	8.01E+05	6.68E+05	8.07E+05	1.23E+06	1.20E+06	8.09E+05
9.00E+00	2.74E+04	9.00E+00	2.75E+05	3.28E+05	2.67E+05	2.11E+05	2.94E+05	2.45E+05
1.42E+06	1.71E+06	1.37E+06	4.88E+06	3.51E+06	3.22E+06	5.15E+06	5.27E+06	4.72E+06
2.01E+03	8.21E+03	2.05E+03	1.17E+05	1.13E+05	8.98E+04	5.85E+04	9.26E+04	6.01E+04
9.00E+00	9.00E+00	9.00E+00	1.58E+05	2.11E+05	1.97E+05	2.77E+05	2.40E+05	1.70E+05
6.65E+05	7.14E+05	5.30E+05	8.25E+05	8.00E+05	9.00E+05	1.50E+06	9.16E+05	9.04E+05
2.02E+05	2.44E+05	1.88E+05	1.00E+05	1.41E+05	1.42E+05	1.24E+04	1.13E+05	2.65E+04
3.10E+03	9.00E+00	9.00E+00	2.96E+05	2.59E+05	2.97E+05	6.55E+04	3.15E+05	2.79E+05
4.36E+04	4.89E+04	4.02E+04	3.00E+05	2.77E+05	2.63E+05	2.94E+05	3.12E+05	3.31E+05
3.33E+06	3.40E+06	2.25E+06	1.60E+05	1.33E+05	3.65E+05	1.03E+05	1.88E+05	1.28E+05
8.98E+03	1.66E+04	5.16E+03	1.31E+04	8.54E+03	2.10E+04	3.19E+03	9.34E+03	1.87E+03
1.53E+06	2.14E+06	1.15E+06	4.92E+07	4.13E+07	5.42E+07	4.50E+07	5.96E+07	4.10E+07
3.21E+04	4.01E+04	3.01E+04	7.66E+05	5.96E+05	7.51E+05	6.44E+05	1.01E+06	6.11E+05
2.03E+05	2.39E+05	1.41E+05	4.25E+06	4.18E+06	5.57E+06	1.92E+06	5.67E+06	2.98E+06
2.18E+05	2.70E+05	1.76E+05	1.70E+04	1.68E+04	2.11E+04	1.72E+03	2.45E+04	1.62E+04
2.36E+07	2.30E+07	1.86E+07	1.13E+06	1.07E+06	2.57E+06	1.23E+06	1.48E+06	1.04E+06
6.43E+05	7.27E+05	5.60E+05	3.36E+06	3.20E+06	3.88E+06	2.66E+06	4.40E+06	2.44E+06
2.44E+04	5.75E+04	9.00E+00	1.21E+05	1.23E+05	1.25E+05	5.22E+04	1.68E+05	8.64E+04
7.41E+05	8.68E+05	7.43E+05	2.93E+05	3.07E+05	3.43E+05	6.87E+04	2.33E+05	2.34E+05
1.15E+05	1.24E+05	6.33E+04	1.79E+04	1.87E+04	8.10E+04	1.81E+04	1.13E+04	1.01E+04
3.39E+07	4.03E+07	2.77E+07	4.40E+06	3.58E+06	7.84E+06	3.52E+06	5.48E+06	3.59E+06
2.25E+07	2.42E+07	1.94E+07	5.40E+06	5.02E+06	7.17E+06	4.98E+06	6.18E+06	5.25E+06

1.56E+06	1.68E+06	1.13E+06	2.15E+07	2.17E+07	1.71E+07	1.63E+07	2.92E+07	2.42E+07
9.00E+00	1.45E+03	9.00E+00	8.07E+04	8.75E+04	8.08E+04	1.48E+04	8.33E+04	1.20E+05
9.00E+05	1.26E+06	7.87E+05	3.84E+06	3.76E+06	3.48E+06	2.02E+06	4.70E+06	3.59E+06
3.58E+06	2.59E+06	2.59E+06	2.20E+06	2.53E+06	2.04E+06	1.81E+06	2.81E+06	2.60E+06
1.56E+05	2.17E+05	1.26E+05	4.24E+04	3.81E+04	2.41E+04	2.47E+04	5.57E+04	1.76E+04
3.81E+05	3.57E+05	2.61E+05	8.05E+05	4.77E+05	7.50E+05	4.06E+05	6.53E+05	7.54E+05
9.45E+04	1.12E+05	6.84E+04	8.98E+03	1.01E+04	3.39E+04	7.05E+03	1.18E+04	1.12E+04
1.27E+06	1.30E+06	9.32E+05	3.98E+07	3.59E+07	2.97E+07	2.54E+07	4.17E+07	2.65E+07
6.69E+04	7.96E+04	3.74E+04	7.78E+06	6.91E+06	5.28E+06	1.55E+07	1.02E+07	7.26E+06
1.45E+03	2.40E+03	4.68E+03	7.29E+05	6.14E+05	4.88E+05	1.20E+06	6.81E+05	6.64E+05
3.25E+03	9.00E+00	9.00E+00	2.67E+05	3.08E+05	2.45E+05	2.67E+05	4.12E+05	3.38E+05
9.00E+00	9.00E+00	1.63E+04	7.70E+05	6.25E+05	5.33E+05	8.12E+05	6.35E+05	8.93E+05
2.46E+04	2.28E+04	1.49E+04	1.56E+06	1.28E+06	1.26E+06	8.96E+05	1.62E+06	3.08E+05
9.00E+00	9.00E+00	8.21E+02	5.49E+04	5.16E+04	5.72E+04	8.83E+03	5.30E+04	3.53E+04
9.88E+03	2.98E+04	1.67E+04	7.24E+05	5.21E+05	5.50E+05	5.68E+05	7.67E+05	5.69E+05
1.71E+03	9.00E+00	9.00E+00	1.88E+04	9.00E+00	9.00E+00	9.00E+00	1.17E+04	9.00E+00
9.00E+00	9.00E+00	1.36E+04	5.50E+05	5.52E+05	5.03E+05	4.70E+05	5.30E+05	5.11E+05
5.79E+04	2.41E+05	1.82E+05	1.01E+06	1.62E+06	9.64E+05	1.09E+06	1.22E+06	1.03E+06
1.23E+05	1.40E+05	9.27E+04	3.99E+05	4.34E+05	3.00E+05	3.44E+05	4.18E+05	3.35E+05
2.92E+04	4.54E+04	2.16E+04	1.84E+05	1.21E+05	1.22E+05	1.10E+05	1.84E+05	1.88E+05
8.58E+05	9.72E+05	5.92E+05	2.98E+05	2.00E+05	4.06E+05	1.27E+05	2.17E+05	2.23E+05
2.23E+06	2.86E+06	1.62E+06	3.17E+05	2.63E+05	4.90E+05	1.38E+05	3.80E+05	2.31E+05
2.43E+06	2.75E+06	1.70E+06	3.64E+05	2.63E+05	5.19E+05	1.32E+05	3.43E+05	3.24E+05
3.61E+04	5.71E+04	2.65E+04	6.68E+05	6.18E+05	7.32E+05	3.72E+05	7.16E+05	7.57E+05
2.38E+05	2.61E+05	1.77E+05	5.01E+05	4.00E+05	4.38E+05	2.66E+05	5.30E+05	5.41E+05
8.54E+03	1.12E+04	1.58E+04	4.62E+05	3.43E+05	3.16E+05	2.29E+05	3.73E+05	6.29E+05
2.02E+05	9.65E+04	3.01E+04	1.11E+06	9.88E+05	1.48E+06	1.24E+06	9.66E+05	1.03E+06
9.00E+00	9.84E+04	9.00E+00	4.95E+05	7.95E+05	7.63E+05	3.41E+05	9.10E+05	7.42E+05
9.00E+00	3.29E+03	9.00E+00	4.94E+05	3.62E+05	1.98E+05	6.25E+05	5.49E+05	3.16E+05
8.62E+05	7.80E+05	1.06E+06	6.19E+05	7.99E+05	1.79E+06	9.05E+05	9.83E+05	9.72E+05
9.00E+00	9.00E+00	9.00E+00	5.35E+04	5.37E+04	3.83E+04	1.28E+04	2.74E+04	3.54E+04
8.60E+04	7.18E+04	7.73E+04	1.22E+05	1.86E+05	2.62E+05	9.14E+04	1.67E+05	1.81E+05
1.50E+06	5.52E+05	1.38E+06	1.36E+05	1.63E+05	2.40E+05	5.71E+04	1.36E+05	1.36E+05
8.32E+05	1.10E+06	7.71E+05	2.15E+06	2.26E+06	2.90E+06	1.24E+06	2.70E+06	1.67E+06
8.27E+04	9.59E+04	5.11E+04	1.65E+05	1.85E+05	2.59E+05	1.11E+05	2.24E+05	1.59E+05
6.87E+03	6.34E+03	9.00E+00	3.52E+04	3.05E+04	2.96E+04	1.02E+04	2.06E+04	3.22E+04
5.00E+07	6.40E+07	4.81E+07	4.73E+07	4.40E+07	5.83E+07	4.50E+07	6.14E+07	4.32E+07
2.86E+05	3.05E+05	2.60E+05	9.99E+05	1.04E+06	8.81E+05	9.31E+05	1.24E+06	7.64E+05
1.53E+06	1.56E+06	1.61E+06	2.65E+05	2.37E+05	7.10E+05	3.25E+05	3.14E+05	1.97E+05
1.40E+06	1.52E+06	1.35E+06	5.38E+05	4.90E+05	9.13E+05	5.33E+05	7.74E+05	6.36E+05
6.62E+03	7.78E+03	3.06E+03	1.35E+05	1.37E+05	1.55E+05	1.04E+04	1.25E+05	7.57E+04
2.20E+05	3.17E+05	1.38E+05	3.91E+06	3.11E+06	4.39E+06	1.61E+06	3.62E+06	2.97E+06
3.13E+03	3.42E+03	2.13E+03	2.59E+05	2.54E+05	2.25E+05	1.31E+05	2.41E+05	1.44E+05
2.49E+04	2.89E+04	1.76E+04	1.42E+03	4.00E+03	7.57E+03	2.03E+03	1.42E+03	1.48E+03
2.03E+03	4.66E+03	2.84E+03	4.42E+03	3.71E+03	1.24E+04	2.13E+03	3.32E+03	1.85E+03
1.36E+05	1.69E+05	9.76E+04	1.04E+04	1.21E+04	1.67E+04	1.48E+03	9.19E+03	7.73E+03
4.58E+04	7.77E+04	2.58E+04	9.00E+00	9.00E+00	1.12E+04	9.00E+00	9.00E+00	9.00E+00
1.48E+06	1.55E+06	1.31E+06	2.49E+05	2.49E+05	6.54E+05	3.20E+05	2.73E+05	2.25E+05
1.83E+07	2.04E+07	1.57E+07	2.43E+07	5.42E+07	2.49E+07	2.21E+07	3.05E+07	3.08E+07
1.24E+08	1.33E+08	1.03E+08	6.57E+07	6.30E+07	6.46E+07	6.13E+07	7.74E+07	6.23E+07
4.80E+06	4.83E+06	3.90E+06	1.58E+07	1.52E+07	1.52E+07	1.31E+07	1.51E+07	1.29E+07
2.35E+05	2.94E+05	2.25E+05	1.58E+06	1.48E+06	1.28E+06	2.27E+06	1.81E+06	1.38E+06
1.21E+05	1.55E+05	8.93E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.11E+05	2.42E+05	2.13E+05	5.21E+05	4.19E+05	4.37E+05	2.58E+05	4.06E+05	4.48E+05

6.71E+04	7.53E+04	4.86E+04	1.45E+04	1.15E+04	3.88E+04	5.99E+03	1.67E+04	9.78E+03
5.53E+03	7.97E+03	6.20E+03	5.15E+03	6.58E+03	2.80E+04	4.15E+03	5.74E+03	5.48E+03
3.16E+05	5.50E+05	3.81E+05	2.48E+04	3.04E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.82E+04	1.17E+05	6.46E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.60E+06	2.83E+06	2.05E+06	5.06E+04	6.19E+04	2.68E+05	4.11E+04	6.23E+04	4.92E+04
5.80E+04	5.92E+04	3.06E+04	1.72E+05	1.74E+05	1.37E+05	8.79E+04	1.31E+05	9.46E+04
4.49E+04	4.84E+04	3.62E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	4.43E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
4.31E+06	4.22E+06	3.34E+06	9.16E+05	1.08E+06	1.30E+06	2.57E+05	1.07E+06	5.11E+05
3.23E+04	3.95E+04	2.09E+04	1.16E+04	1.19E+04	3.05E+04	9.00E+00	9.00E+00	1.55E+04
6.08E+04	6.28E+04	4.07E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.93E+06	3.78E+06	2.66E+06	2.49E+05	2.63E+05	5.01E+05	2.38E+05	2.42E+05	3.01E+05
5.98E+06	6.34E+06	5.35E+06	5.77E+04	2.91E+05	5.75E+05	2.23E+05	3.09E+05	2.52E+05
1.89E+06	2.54E+06	1.86E+06	6.97E+04	7.21E+04	3.63E+05	4.00E+04	7.78E+04	6.03E+04
1.02E+06	1.04E+06	7.80E+05	3.89E+04	6.42E+04	2.47E+05	2.06E+04	7.56E+04	4.42E+04
2.16E+07	2.44E+07	1.67E+07	4.01E+05	3.97E+05	3.20E+06	3.19E+05	4.57E+05	3.90E+05
8.51E+06	9.37E+06	6.50E+06	6.36E+04	5.09E+04	2.04E+05	4.63E+04	8.20E+04	4.56E+04
2.29E+06	2.17E+06	1.54E+06	3.81E+05	3.99E+05	1.31E+06	3.62E+05	4.38E+05	4.97E+05
2.50E+07	2.86E+07	2.72E+07	1.34E+07	1.49E+07	4.09E+07	1.54E+07	1.58E+07	1.70E+07
5.74E+04	2.93E+04	5.11E+04	1.81E+05	2.42E+05	6.84E+05	9.65E+04	1.94E+05	3.00E+05
5.57E+04	6.91E+04	3.83E+04	6.06E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.81E+05	8.07E+05	4.82E+05	9.55E+03	7.78E+03	1.74E+04	4.56E+03	5.60E+03	8.68E+03
2.69E+06	3.27E+06	2.49E+06	3.17E+06	3.67E+06	6.21E+06	2.02E+06	3.71E+06	3.46E+06
3.92E+07	4.94E+07	3.78E+07	2.24E+06	2.06E+06	5.73E+06	1.55E+06	2.23E+06	2.46E+06
1.14E+06	1.35E+06	9.09E+05	5.44E+04	5.00E+04	1.71E+05	4.33E+04	6.89E+04	1.07E+05
5.06E+04	6.56E+04	4.10E+04	1.41E+04	9.00E+00	1.25E+04	2.32E+04	1.92E+04	1.51E+04
1.26E+06	1.56E+06	9.96E+05	1.94E+04	1.75E+04	7.02E+04	1.73E+04	1.99E+04	1.52E+04
2.31E+04	2.80E+04	1.57E+04	9.00E+00	9.00E+00	7.05E+04	1.95E+04	9.00E+00	9.00E+00
9.17E+05	1.12E+06	7.37E+05	2.06E+05	1.56E+05	1.41E+06	1.08E+06	9.22E+05	8.38E+05
1.68E+06	2.26E+06	1.30E+06	6.40E+04	5.60E+04	1.24E+05	9.22E+04	9.56E+04	6.43E+04
2.06E+06	2.39E+06	1.73E+06	1.57E+05	2.09E+05	5.41E+05	2.14E+05	2.13E+05	2.30E+05
2.31E+05	2.51E+05	1.67E+05	9.00E+00	9.00E+00	1.52E+04	9.00E+00	9.00E+00	9.00E+00
1.38E+05	1.86E+05	1.09E+05	2.28E+04	1.73E+04	4.94E+04	1.91E+04	2.47E+04	2.02E+04
4.90E+05	6.45E+05	4.42E+05	3.29E+04	3.71E+04	4.54E+04	1.74E+04	2.89E+04	2.48E+04
1.24E+06	1.37E+06	7.46E+05	2.80E+04	1.77E+04	3.34E+04	1.29E+04	2.60E+04	9.79E+03
4.91E+06	4.21E+06	3.20E+06	3.83E+05	4.19E+05	8.43E+05	3.96E+05	4.47E+05	2.63E+05
2.12E+06	2.73E+06	2.06E+06	1.27E+05	1.11E+05	2.20E+05	1.33E+05	1.20E+05	8.73E+04
2.49E+06	2.98E+06	1.88E+06	1.96E+05	2.15E+05	2.99E+05	1.44E+05	2.71E+05	1.29E+05
1.52E+05	1.90E+05	1.16E+05	8.21E+03	9.93E+03	2.26E+04	7.90E+03	2.19E+03	5.42E+03
3.85E+07	4.41E+07	2.79E+07	2.60E+05	2.06E+05	1.01E+06	2.28E+05	2.79E+05	1.57E+05
1.79E+06	2.30E+06	1.48E+06	4.42E+05	4.43E+05	1.26E+06	4.16E+05	5.23E+05	3.22E+05
1.85E+07	2.16E+07	1.25E+07	7.92E+04	3.98E+04	1.51E+05	4.46E+04	8.47E+04	2.45E+04
1.12E+06	1.54E+06	1.23E+06	1.12E+05	1.08E+05	3.53E+05	1.54E+05	1.49E+05	8.81E+04
5.18E+07	6.78E+07	3.96E+07	3.52E+06	3.28E+06	1.12E+07	3.54E+06	5.58E+06	3.36E+06
6.84E+04	8.14E+04	6.78E+04	7.15E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.51E+05	1.87E+05	1.00E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.60E+06	1.71E+06	1.07E+06	9.39E+03	6.26E+03	1.58E+04	5.74E+03	1.17E+04	3.82E+03
5.32E+05	6.08E+05	3.74E+05	9.37E+03	5.99E+03	1.78E+04	5.93E+03	1.24E+04	3.92E+03
3.10E+07	4.13E+07	2.89E+07	7.40E+05	5.92E+05	1.48E+06	8.92E+05	8.94E+05	5.51E+05
2.03E+06	2.86E+06	1.97E+06	6.15E+05	6.94E+05	1.45E+06	5.24E+05	8.04E+05	4.72E+05
6.86E+07	7.71E+07	6.21E+07	1.68E+06	1.50E+06	3.18E+06	1.47E+06	2.09E+06	1.26E+06
6.04E+05	1.41E+06	1.46E+06	3.84E+04	1.60E+04	9.53E+04	3.80E+04	5.44E+04	3.16E+04
4.23E+05	5.32E+05	3.98E+05	1.55E+04	1.78E+04	3.54E+04	1.37E+04	1.84E+04	1.15E+04
6.51E+07	7.33E+07	4.49E+07	2.67E+05	2.12E+05	1.57E+06	2.20E+05	2.78E+05	1.86E+05

1.65E+06	1.86E+06	1.51E+06	2.79E+05	3.27E+05	1.92E+06	3.17E+05	3.21E+05	2.66E+05
4.52E+05	5.40E+05	3.10E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.62E+03	9.00E+00
2.12E+07	2.43E+07	1.54E+07	6.32E+04	3.34E+04	1.57E+05	4.49E+04	6.56E+04	2.44E+04
9.12E+05	4.67E+06	3.12E+06	2.53E+04	1.81E+04	7.44E+04	2.49E+04	1.09E+04	5.13E+03
5.32E+07	6.16E+07	5.80E+07	6.53E+06	4.22E+06	1.64E+07	6.09E+06	6.43E+06	5.90E+06
4.24E+04	2.00E+05	1.54E+05	7.55E+04	8.41E+04	2.47E+05	5.61E+04	8.84E+04	7.92E+04
3.94E+06	4.25E+06	2.54E+06	1.58E+04	7.30E+03	2.29E+04	8.86E+03	1.77E+04	6.59E+03
2.68E+06	2.69E+06	1.73E+06	9.43E+05	9.99E+05	1.52E+06	6.95E+05	1.27E+06	9.59E+05
2.12E+07	2.44E+07	1.95E+07	7.37E+05	8.23E+05	1.56E+06	7.86E+05	1.02E+06	8.62E+05
3.08E+05	3.22E+05	1.92E+05	9.00E+00	9.00E+00	1.03E+03	9.00E+00	1.10E+03	9.00E+00
1.64E+05	1.98E+05	1.14E+05	1.28E+03	8.69E+02	2.51E+03	1.11E+03	2.24E+03	1.07E+03
1.63E+06	1.72E+06	1.28E+06	5.07E+04	3.82E+04	3.77E+05	6.48E+04	4.54E+04	4.82E+04
4.34E+05	5.37E+05	4.38E+05	2.89E+05	2.59E+05	1.35E+06	4.66E+05	3.06E+05	3.64E+05
2.41E+05	2.69E+05	2.07E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.53E+04	8.31E+04	7.15E+04	2.24E+04	1.82E+04	2.64E+04	1.15E+04	2.38E+04	1.81E+04
1.63E+05	1.70E+05	1.13E+05	3.75E+04	3.10E+04	5.37E+04	2.91E+04	3.02E+04	2.99E+04
9.00E+00	9.00E+00	9.00E+00	1.00E+05	6.70E+04	9.98E+04	8.41E+04	9.84E+04	6.21E+04
5.72E+04	6.85E+04	5.36E+04	9.32E+04	8.01E+04	1.30E+05	7.03E+04	1.04E+05	7.40E+04
7.18E+04	9.74E+04	5.89E+04	1.05E+04	6.38E+03	1.69E+04	7.85E+03	1.12E+04	7.61E+03
2.76E+04	4.06E+04	3.01E+04	8.29E+04	5.65E+04	1.08E+05	4.83E+04	9.12E+04	4.95E+04
1.22E+06	1.37E+06	9.77E+05	3.48E+04	1.74E+04	7.95E+04	2.25E+04	3.75E+04	1.98E+04
2.48E+04	3.07E+04	1.83E+04	6.16E+04	5.44E+04	1.12E+05	4.88E+04	7.55E+04	3.06E+04
4.30E+05	4.77E+05	3.14E+05	4.82E+03	2.48E+03	7.07E+03	1.99E+03	5.42E+03	2.08E+03
5.08E+03	1.37E+03	3.64E+03	1.56E+04	1.62E+04	3.74E+04	9.06E+03	1.82E+04	1.13E+04
5.19E+05	6.29E+05	4.51E+05	2.27E+04	1.32E+04	4.11E+04	2.03E+04	2.45E+04	1.17E+04
2.04E+04	2.14E+04	1.86E+04	1.92E+04	1.57E+04	3.28E+04	1.69E+04	2.19E+04	8.52E+03
3.94E+05	5.46E+05	3.93E+05	2.30E+05	1.80E+05	2.65E+05	1.70E+05	2.86E+05	1.46E+05
2.60E+05	3.22E+05	2.28E+05	4.38E+04	4.00E+04	5.60E+04	3.11E+04	4.99E+04	3.13E+04
1.52E+05	1.91E+05	1.35E+05	2.38E+05	2.01E+05	7.86E+05	2.93E+05	2.12E+05	3.43E+05
1.30E+06	1.43E+06	1.02E+06	4.23E+04	2.63E+04	8.27E+04	2.11E+04	5.03E+04	5.37E+04
9.00E+00	1.31E+03	9.00E+00	3.62E+04	9.00E+00	2.52E+04	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	1.42E+04	1.18E+04	1.43E+04	1.04E+04	1.29E+04	1.02E+04
5.77E+04	6.20E+04	3.96E+04	5.69E+03	7.46E+03	1.15E+04	4.70E+03	8.62E+03	6.39E+03
2.56E+03	2.79E+03	1.44E+03	9.00E+00	9.00E+00	4.11E+04	2.63E+04	9.00E+00	9.00E+00
3.51E+04	3.84E+04	3.11E+04	5.85E+04	5.56E+04	9.32E+04	4.53E+04	6.82E+04	5.12E+04
5.76E+04	7.25E+04	5.62E+04	9.00E+00	9.00E+00	4.02E+03	2.23E+03	9.00E+00	9.00E+00
8.98E+04	9.27E+04	6.29E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.06E+04	3.59E+04	2.76E+04	6.14E+04	5.32E+04	2.05E+05	6.48E+04	3.78E+04	2.29E+04
2.68E+04	2.78E+04	3.39E+04	7.18E+04	1.13E+05	2.13E+05	6.77E+04	1.01E+05	6.63E+04
7.28E+04	1.01E+05	6.83E+04	1.02E+05	1.06E+05	3.78E+05	1.15E+05	7.76E+04	1.00E+05
5.69E+06	8.09E+06	5.68E+06	1.05E+05	1.37E+05	8.44E+05	8.38E+04	1.65E+05	1.14E+05
1.26E+06	1.42E+06	8.94E+05	6.49E+04	7.24E+04	4.07E+05	1.68E+04	4.84E+04	6.00E+04
1.39E+05	1.64E+05	1.36E+05	8.54E+03	9.00E+00	3.69E+04	9.00E+00	9.00E+00	9.00E+00
6.74E+07	7.30E+07	5.31E+07	9.76E+05	9.09E+05	8.29E+06	7.24E+05	1.12E+06	8.75E+05
6.32E+05	6.72E+05	5.42E+05	9.96E+05	1.26E+06	5.14E+06	8.76E+05	9.31E+05	1.09E+06
1.02E+05	1.15E+05	1.07E+05	3.34E+04	2.56E+04	1.00E+05	2.26E+04	2.90E+04	1.22E+04
2.25E+07	2.77E+07	1.45E+07	1.33E+05	4.15E+04	3.10E+05	1.20E+05	1.76E+05	9.82E+04
1.34E+06	1.42E+06	1.81E+06	4.63E+04	3.05E+04	1.03E+05	2.83E+04	2.54E+04	9.00E+00
6.94E+06	7.85E+06	5.74E+06	2.81E+05	6.65E+05	6.78E+05	1.27E+05	2.58E+05	6.22E+05
3.63E+07	4.31E+07	3.87E+07	1.98E+07	2.01E+07	6.94E+07	2.23E+07	2.21E+07	2.45E+07
3.97E+05	5.39E+05	3.43E+05	5.28E+05	7.09E+05	2.05E+06	3.35E+05	6.54E+05	9.19E+05
5.57E+04	9.02E+04	4.31E+04	9.00E+00	9.00E+00	4.21E+03	9.00E+00	9.00E+00	9.00E+00
1.44E+06	1.45E+06	9.69E+05	1.76E+04	1.51E+04	3.64E+04	5.64E+03	2.73E+04	1.59E+04
7.66E+05	8.52E+05	5.31E+05	1.73E+04	1.57E+04	5.20E+04	2.06E+04	5.01E+04	3.95E+04

8.73E+07	1.06E+08	8.39E+07	7.06E+06	6.52E+06	1.38E+07	7.04E+06	7.85E+06	7.88E+06
3.82E+06	3.70E+06	3.23E+06	4.53E+06	5.80E+06	1.20E+07	3.51E+06	5.95E+06	6.14E+06
3.05E+08	3.16E+08	2.79E+08	2.24E+07	2.04E+07	5.19E+07	2.11E+07	2.48E+07	2.53E+07
8.00E+04	1.02E+05	6.96E+04	9.00E+00	9.00E+00	7.46E+03	3.85E+03	9.00E+00	9.00E+00
8.86E+04	8.52E+04	4.35E+04	9.00E+00	9.00E+00	2.04E+04	9.00E+00	9.00E+00	9.00E+00
3.62E+06	4.77E+06	2.76E+06	1.27E+05	1.07E+05	3.21E+05	8.21E+04	1.38E+05	1.98E+05
2.25E+05	3.34E+05	1.93E+05	1.49E+04	2.12E+04	8.04E+04	1.44E+04	3.59E+04	6.61E+04
2.43E+06	2.79E+06	2.04E+06	5.69E+04	8.12E+04	2.60E+05	3.96E+04	5.67E+04	6.95E+04
1.88E+05	2.06E+05	1.83E+05	4.34E+04	5.31E+04	7.67E+04	8.93E+04	6.16E+04	2.51E+04
6.36E+06	8.57E+06	6.54E+06	5.27E+05	4.69E+05	1.89E+06	6.17E+05	6.34E+05	3.95E+05
3.56E+06	3.99E+06	2.05E+06	1.71E+04	2.86E+04	9.71E+04	2.62E+04	2.69E+04	2.24E+04
7.03E+04	4.52E+04	4.19E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.57E+05	4.31E+05	2.99E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.65E+05	2.76E+05	2.21E+05	5.41E+05	4.59E+05	8.84E+05	5.90E+05	4.39E+05	4.00E+05
2.95E+06	3.97E+06	2.67E+06	2.46E+05	1.73E+05	4.28E+05	2.93E+05	3.45E+05	2.08E+05
2.07E+05	2.90E+05	1.97E+05	3.00E+05	2.81E+05	4.59E+05	2.80E+05	3.96E+05	2.33E+05
1.08E+06	1.09E+06	1.07E+06	3.28E+05	4.10E+05	5.18E+05	3.42E+05	4.07E+05	2.81E+05
3.86E+06	4.56E+06	2.73E+06	1.22E+04	7.80E+03	7.70E+04	1.69E+04	1.85E+04	7.06E+03
9.50E+07	1.11E+08	6.32E+07	3.96E+05	3.03E+05	2.49E+06	4.67E+05	5.64E+05	2.64E+05
2.88E+06	3.47E+06	2.34E+06	1.16E+06	1.24E+06	3.76E+06	1.01E+06	1.42E+06	9.14E+05
1.43E+06	1.75E+06	9.17E+05	1.74E+03	2.45E+03	7.75E+03	9.99E+03	3.67E+03	3.01E+03
2.48E+07	3.09E+07	1.86E+07	9.38E+04	4.57E+04	1.60E+05	1.18E+05	1.34E+05	2.81E+04
6.31E+06	7.29E+06	6.18E+06	4.53E+05	3.83E+05	1.76E+06	5.13E+05	5.10E+05	3.13E+05
1.26E+08	1.46E+08	1.23E+08	1.16E+07	9.99E+06	3.59E+07	1.23E+07	1.28E+07	7.84E+06
1.44E+06	1.90E+06	1.27E+06	5.10E+05	5.27E+05	1.42E+06	2.54E+05	4.27E+05	3.48E+05
5.62E+04	6.71E+04	6.17E+04	9.00E+00	9.00E+00	2.74E+03	9.00E+00	9.00E+00	9.00E+00
1.94E+06	2.42E+06	1.44E+06	1.45E+04	1.27E+04	2.69E+04	1.06E+04	2.55E+04	1.73E+04
1.04E+06	1.31E+06	8.04E+05	2.39E+04	2.59E+04	4.92E+04	2.45E+04	5.06E+04	2.34E+04
8.79E+07	1.32E+08	7.91E+07	1.48E+06	1.20E+06	2.73E+06	1.81E+06	1.73E+06	8.42E+05
8.14E+06	9.11E+06	7.41E+06	2.29E+06	2.56E+06	5.32E+06	1.83E+06	2.86E+06	1.71E+06
3.53E+08	3.89E+08	2.53E+08	1.15E+07	9.64E+06	2.21E+07	9.35E+06	1.23E+07	7.48E+06
1.41E+05	1.47E+05	9.00E+04	1.79E+03	9.00E+00	7.97E+03	9.00E+00	9.00E+00	9.00E+00
1.18E+05	1.83E+05	1.17E+05	1.12E+04	3.48E+03	1.21E+04	2.33E+03	1.09E+04	3.97E+03
8.41E+04	1.04E+05	7.56E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.72E+06	2.23E+06	1.47E+06	3.80E+04	2.52E+04	1.30E+05	3.24E+04	4.23E+04	2.72E+04
2.54E+06	3.23E+06	2.07E+06	2.36E+04	2.05E+04	8.70E+04	1.91E+04	3.93E+04	2.67E+04
5.40E+05	6.22E+05	4.57E+05	9.00E+00	9.00E+00	1.45E+04	9.00E+00	9.00E+00	9.00E+00
3.00E+06	3.23E+06	2.52E+06	1.77E+04	1.07E+04	1.65E+05	1.15E+04	3.67E+04	1.72E+04
4.26E+05	5.24E+05	3.68E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.72E+08	1.95E+08	1.38E+08	5.38E+05	4.24E+05	3.45E+06	6.73E+05	7.32E+05	3.55E+05
1.62E+06	1.68E+06	1.22E+06	2.84E+05	3.08E+05	2.25E+06	2.99E+05	3.26E+05	2.85E+05
1.22E+06	1.51E+06	7.66E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
7.32E+06	8.31E+06	4.67E+06	1.55E+04	2.03E+04	6.10E+03	1.41E+04	2.31E+04	6.08E+03
5.38E+07	6.50E+07	3.40E+07	9.11E+04	7.63E+04	2.68E+05	1.31E+05	1.28E+05	3.69E+04
2.83E+06	2.73E+06	2.45E+06	9.01E+03	9.00E+00	9.00E+00	1.07E+04	7.24E+03	1.61E+04
1.08E+07	1.20E+07	7.56E+06	2.88E+05	1.19E+05	3.37E+05	2.52E+05	1.49E+05	1.96E+05
6.19E+07	7.18E+07	5.50E+07	6.56E+06	6.72E+06	2.42E+07	8.84E+06	8.48E+06	7.99E+06
1.17E+06	1.40E+06	1.06E+06	1.94E+05	1.95E+05	7.42E+05	1.05E+05	1.94E+05	2.15E+05
1.31E+05	1.83E+05	1.04E+05	9.00E+00	9.00E+00	1.21E+03	9.00E+00	9.00E+00	9.00E+00
5.71E+06	7.52E+06	4.30E+06	2.45E+04	5.36E+03	2.23E+04	1.57E+04	3.61E+04	1.24E+04
2.05E+06	2.65E+06	1.33E+06	2.16E+04	1.35E+04	5.02E+04	1.49E+04	4.56E+04	2.28E+04
8.94E+07	1.06E+08	7.85E+07	2.19E+06	1.86E+06	3.63E+06	1.86E+06	2.90E+06	2.18E+06
2.90E+06	3.19E+06	2.43E+06	1.29E+06	1.65E+06	2.44E+06	1.22E+06	2.03E+06	1.42E+06
1.52E+08	1.78E+08	1.47E+08	8.03E+06	7.29E+06	1.74E+07	7.57E+06	8.86E+06	8.44E+06

3.09E+05	4.06E+05	2.63E+05	5.85E+03	2.07E+03	9.91E+03	6.88E+02	2.47E+03	1.08E+03
2.29E+06	3.28E+06	1.85E+06	4.15E+04	3.43E+04	8.22E+04	3.09E+04	6.51E+04	4.64E+04
8.71E+05	1.13E+06	8.78E+05	3.91E+04	1.55E+04	8.30E+04	2.78E+04	3.95E+04	3.12E+04
4.82E+04	4.47E+04	2.71E+04	9.00E+00	9.00E+00	1.06E+04	9.00E+00	4.60E+03	9.00E+00
1.69E+06	1.80E+06	1.27E+06	3.87E+04	5.06E+04	3.23E+05	5.77E+04	6.35E+04	3.76E+04
1.03E+05	1.20E+05	9.05E+04	3.40E+04	3.20E+04	5.26E+05	4.53E+04	3.77E+04	4.28E+04
2.10E+05	2.26E+05	2.67E+05	9.00E+00	9.00E+00	8.59E+04	2.79E+04	9.00E+00	9.00E+00
1.05E+06	1.41E+06	1.03E+06	4.64E+05	4.56E+05	2.39E+06	7.50E+05	4.62E+05	5.44E+05
1.31E+04	2.63E+04	1.22E+04	4.86E+04	5.88E+04	2.62E+05	4.33E+04	5.15E+04	8.82E+04
1.09E+05	1.24E+05	1.17E+05	2.15E+04	4.09E+04	6.81E+04	6.00E+04	2.80E+04	6.27E+04
3.51E+06	3.35E+06	2.42E+06	4.68E+05	6.11E+05	2.00E+06	6.06E+05	5.40E+05	6.32E+05
1.30E+05	1.14E+05	7.02E+04	9.00E+00	9.00E+00	2.43E+04	3.65E+03	9.00E+00	9.00E+00
1.43E+05	1.26E+05	8.91E+04	8.50E+03	3.34E+04	7.49E+04	3.20E+04	1.99E+04	1.66E+04
4.83E+04	5.73E+04	4.25E+04	6.65E+03	1.04E+04	6.88E+04	2.70E+04	8.43E+03	3.62E+04
8.33E+04	9.77E+04	6.01E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.61E+03	9.00E+00
2.62E+05	3.23E+05	1.99E+05	8.24E+04	7.53E+04	1.70E+05	9.67E+04	7.47E+04	4.98E+04
2.11E+06	2.50E+06	1.60E+06	3.78E+04	2.80E+04	1.11E+05	3.59E+04	3.42E+04	1.93E+04
9.50E+04	1.18E+05	6.76E+04	9.00E+00	9.00E+00	1.13E+04	9.57E+03	9.00E+00	9.00E+00
9.75E+04	1.19E+05	9.58E+04	3.45E+04	3.45E+04	4.04E+04	3.51E+04	4.18E+04	2.72E+04
4.67E+04	4.83E+04	4.11E+04	3.12E+04	2.60E+04	8.43E+04	2.55E+04	3.68E+04	1.81E+04
9.50E+04	9.08E+04	4.55E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.98E+06	2.36E+06	1.84E+06	2.72E+05	2.41E+05	4.60E+05	1.89E+05	3.49E+05	1.85E+05
2.30E+05	2.30E+05	1.53E+05	3.28E+04	2.90E+04	6.14E+04	2.84E+04	2.77E+04	2.67E+04
5.67E+05	6.66E+05	5.17E+05	1.80E+05	1.87E+05	4.80E+05	2.02E+05	2.25E+05	1.86E+05
1.25E+05	1.30E+05	9.75E+04	9.00E+00	9.00E+00	8.06E+03	9.00E+00	9.00E+00	9.00E+00
2.92E+05	3.95E+05	2.67E+05	2.62E+04	2.88E+04	1.37E+05	5.49E+04	5.89E+04	6.17E+04
1.25E+05	1.55E+05	1.30E+05	1.17E+04	2.65E+04	5.15E+04	1.55E+04	1.46E+04	1.77E+04
2.71E+04	2.85E+04	6.08E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	4.01E+04	2.49E+04	5.34E+04	1.69E+04	3.57E+04	1.44E+04
2.36E+05	3.31E+05	1.81E+05	8.74E+04	1.07E+05	4.51E+05	8.20E+04	1.26E+05	6.39E+04
2.05E+05	2.72E+05	1.60E+05	1.29E+05	9.02E+04	1.64E+05	7.35E+04	1.54E+05	6.71E+04
2.10E+04	2.02E+04	1.14E+04	1.04E+05	6.40E+04	1.25E+05	5.54E+04	8.44E+04	4.85E+04
1.05E+05	1.31E+05	8.13E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.24E+05	1.36E+05	1.14E+05	2.72E+05	2.51E+05	9.31E+05	1.67E+05	4.03E+05	2.32E+05
2.46E+04	2.45E+04	2.09E+04	4.59E+04	4.54E+04	1.56E+05	2.62E+04	6.91E+04	3.62E+04
6.17E+03	6.92E+03	6.25E+03	1.15E+04	1.04E+04	2.55E+04	1.09E+04	1.32E+04	9.46E+03
2.33E+04	3.11E+04	1.94E+04	3.29E+04	3.05E+04	4.66E+04	3.82E+04	4.17E+04	3.44E+04
3.62E+05	3.29E+05	3.14E+05	7.96E+05	7.06E+05	2.25E+06	3.54E+05	9.93E+05	6.45E+05
2.18E+04	2.31E+04	1.98E+04	5.63E+04	4.66E+04	1.24E+05	2.22E+04	5.12E+04	3.96E+04
8.30E+03	9.49E+03	7.60E+03	1.49E+04	1.34E+04	2.43E+04	1.57E+04	2.03E+04	1.44E+04
3.38E+05	5.44E+05	3.39E+05	5.17E+05	4.86E+05	4.48E+05	5.07E+05	4.76E+05	4.17E+05
1.14E+04	8.95E+03	9.01E+03	1.71E+04	6.80E+03	1.06E+04	3.33E+03	4.67E+03	3.01E+03
6.61E+04	9.82E+04	4.11E+04	1.68E+04	1.16E+04	3.84E+04	4.16E+03	6.35E+03	3.19E+04
3.04E+06	3.14E+06	2.71E+06	1.17E+05	1.06E+05	2.47E+05	6.91E+04	1.31E+05	1.64E+05
1.09E+05	1.31E+05	1.00E+05	1.86E+05	1.60E+05	1.57E+05	1.56E+05	4.30E+04	2.36E+05
6.07E+05	3.38E+05	5.02E+05	1.01E+05	1.24E+05	2.09E+05	4.67E+04	1.41E+05	1.27E+05
4.60E+06	4.40E+06	3.95E+06	1.11E+06	9.57E+05	1.90E+06	1.14E+06	1.28E+06	1.13E+06
3.86E+05	5.64E+05	3.74E+05	3.18E+06	3.62E+06	2.23E+06	3.46E+06	4.03E+06	3.73E+06
6.70E+05	7.65E+05	7.89E+05	1.97E+05	2.23E+05	2.86E+05	8.88E+04	2.14E+05	2.25E+05
4.23E+05	4.70E+05	4.09E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
1.15E+05	1.40E+05	1.14E+05	1.47E+05	1.16E+05	2.26E+05	2.87E+05	1.64E+05	1.63E+05
4.54E+05	4.94E+05	3.38E+05	1.13E+05	7.83E+04	1.47E+05	7.28E+04	1.22E+05	1.39E+05
9.21E+05	1.50E+06	1.82E+06	2.13E+06	1.81E+06	2.97E+06	1.32E+06	1.69E+06	1.79E+06
1.72E+07	1.67E+07	1.47E+07	4.25E+06	3.70E+06	3.46E+06	2.21E+06	3.56E+06	3.11E+06

4.52E+05	7.16E+05	4.08E+05	4.96E+06	4.57E+06	4.62E+06	3.57E+06	5.04E+06	4.71E+06
9.36E+04	8.09E+04	7.75E+04	4.00E+04	2.27E+04	5.19E+04	1.33E+04	2.49E+04	3.16E+04
8.79E+03	2.12E+04	2.32E+04	4.32E+04	4.92E+04	6.60E+04	1.73E+05	2.10E+04	1.78E+05
9.49E+04	8.76E+04	8.78E+04	9.11E+04	7.56E+04	6.48E+04	7.02E+04	6.33E+04	7.86E+04
2.56E+05	1.59E+05	1.62E+05	2.01E+05	1.32E+05	1.74E+05	2.99E+04	2.75E+04	7.41E+04
3.57E+04	6.13E+03	2.30E+04	3.36E+04	1.78E+04	3.82E+04	1.75E+03	3.59E+04	2.90E+04
9.87E+03	7.08E+03	5.92E+03	1.57E+05	1.94E+05	2.73E+05	1.07E+05	2.99E+05	2.27E+05
1.84E+05	4.70E+05	2.30E+05	2.10E+06	1.37E+06	1.71E+06	5.41E+05	4.32E+05	1.22E+06
4.37E+04	4.46E+04	3.73E+04	5.00E+03	1.07E+04	1.08E+04	7.17E+03	1.23E+04	9.67E+03
4.17E+04	4.76E+04	4.95E+04	1.31E+05	1.30E+05	4.57E+04	5.01E+04	1.13E+05	9.79E+04
6.20E+03	1.34E+04	1.04E+04	1.55E+04	1.56E+04	2.03E+04	7.04E+03	6.28E+04	1.63E+04
3.04E+06	3.37E+06	2.53E+06	9.97E+06	9.60E+06	9.48E+06	7.42E+06	9.89E+06	7.54E+06
1.22E+05	1.77E+05	1.22E+05	2.79E+05	2.36E+05	2.18E+05	4.50E+05	2.35E+05	2.19E+05
2.26E+03	1.12E+03	1.12E+03	1.94E+05	2.02E+05	1.22E+05	2.66E+05	1.85E+05	1.92E+05
3.19E+04	5.38E+04	3.69E+04	8.70E+04	1.83E+04	8.22E+04	1.20E+05	5.16E+04	5.92E+04
1.87E+05	2.29E+05	1.56E+05	2.65E+04	1.52E+04	4.12E+04	2.73E+04	2.67E+04	3.03E+04
6.43E+06	7.99E+06	7.82E+06	3.12E+05	3.01E+05	8.72E+05	2.05E+05	2.41E+05	3.48E+05
6.15E+05	7.32E+05	5.47E+05	4.22E+05	3.57E+05	6.81E+05	5.41E+05	6.10E+05	4.32E+05
2.51E+04	3.39E+04	2.48E+04	1.35E+06	1.28E+06	1.12E+06	1.85E+06	2.40E+06	1.43E+06
3.99E+07	4.31E+07	3.39E+07	1.98E+07	1.95E+07	2.18E+07	2.05E+07	2.75E+07	1.82E+07
3.36E+04	5.19E+04	2.86E+04	2.31E+05	2.19E+05	1.74E+05	2.98E+05	2.59E+05	2.23E+05
2.03E+06	2.08E+06	2.02E+06	1.15E+05	1.31E+05	1.14E+05	9.91E+04	1.24E+05	1.27E+05
3.99E+06	2.04E+06	3.82E+06	1.13E+05	1.84E+05	2.99E+05	2.83E+05	3.06E+05	3.82E+05
1.66E+04	8.24E+04	1.07E+05	9.18E+05	9.53E+05	1.14E+06	1.15E+06	1.17E+06	1.37E+06
1.01E+06	9.43E+05	1.14E+06	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.71E+04	9.00E+00
4.52E+04	4.40E+04	2.78E+04	9.00E+00	1.14E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00
5.10E+04	5.02E+04	4.12E+04	1.73E+05	2.86E+05	1.62E+05	3.80E+05	2.82E+05	2.81E+05
3.84E+03	3.58E+03	2.09E+03	1.01E+05	1.21E+05	9.86E+04	7.99E+04	1.67E+05	8.87E+04
2.97E+04	2.79E+04	2.21E+04	1.85E+05	1.60E+05	1.83E+05	1.41E+05	2.30E+05	1.58E+05
5.03E+04	4.01E+04	2.65E+04	3.50E+06	2.73E+06	3.09E+06	3.71E+06	3.39E+06	3.50E+06
7.38E+03	1.31E+04	1.25E+04	1.50E+05	1.33E+05	1.61E+05	1.53E+05	1.67E+05	1.85E+05
3.00E+04	3.68E+04	2.01E+04	7.64E+05	1.05E+06	5.99E+05	1.79E+06	1.38E+06	1.01E+06
2.40E+04	3.56E+04	1.82E+04	9.77E+05	1.20E+06	1.02E+06	1.46E+06	1.30E+06	9.65E+05
1.44E+03	2.32E+03	1.87E+03	4.27E+04	5.35E+04	4.65E+04	1.13E+05	1.75E+05	7.06E+04
1.48E+04	1.09E+04	3.89E+03	4.94E+05	4.45E+05	5.46E+05	4.56E+05	5.91E+05	4.24E+05
2.26E+04	2.81E+04	1.27E+04	3.72E+05	4.13E+05	2.82E+05	3.55E+05	1.18E+05	5.73E+05
1.36E+04	1.30E+04	1.31E+04	1.80E+05	1.86E+05	1.78E+05	2.82E+05	4.22E+05	2.13E+05
2.39E+05	2.43E+05	2.11E+05	7.22E+03	4.52E+03	2.51E+04	9.92E+03	1.35E+04	8.12E+03
7.17E+04	9.21E+04	8.30E+04	1.61E+05	1.56E+05	6.75E+04	1.02E+05	1.15E+05	1.54E+05
4.87E+05	3.92E+05	2.87E+05	2.65E+05	2.68E+05	6.96E+05	2.68E+05	2.34E+05	3.66E+05
1.08E+05	9.93E+04	7.53E+04	3.45E+05	3.71E+05	3.02E+05	9.84E+04	1.68E+05	4.70E+05
2.84E+04	4.15E+04	3.59E+04	2.05E+05	1.87E+05	1.33E+05	8.12E+04	1.23E+05	1.84E+05
2.89E+05	4.43E+05	4.25E+05	1.88E+05	1.76E+05	2.44E+05	1.45E+05	1.39E+05	1.45E+05
2.87E+04	2.97E+04	2.52E+04	3.79E+05	8.97E+05	6.40E+05	3.53E+05	3.12E+05	5.90E+05
1.46E+04	2.54E+04	7.59E+03	8.54E+04	8.38E+04	9.74E+04	9.31E+03	9.80E+04	4.71E+04
1.61E+05	1.85E+05	1.71E+05	1.77E+05	2.24E+05	1.97E+05	1.72E+05	2.52E+05	2.16E+05
1.85E+03	2.76E+03	6.46E+03	4.83E+04	3.90E+04	5.36E+04	5.57E+04	4.68E+04	4.60E+04
1.02E+04	1.52E+04	9.00E+00	2.21E+04	2.96E+04	3.21E+04	1.52E+04	4.28E+04	2.59E+04
1.60E+05	1.43E+05	1.36E+05	1.23E+05	1.10E+05	1.59E+05	3.38E+05	2.41E+05	1.96E+05
5.55E+05	6.38E+05	7.10E+05	5.27E+05	6.31E+05	8.54E+05	9.18E+05	1.19E+06	7.91E+05
2.62E+06	2.63E+06	2.62E+06	1.07E+06	9.93E+05	1.11E+06	6.56E+05	1.16E+06	1.11E+06
4.07E+04	4.21E+04	3.66E+04	3.93E+05	3.63E+05	3.64E+05	1.91E+05	3.03E+05	3.83E+05
1.27E+06	1.33E+06	1.33E+06	1.42E+06	1.30E+06	9.38E+05	1.55E+06	1.30E+06	1.90E+06
4.79E+03	4.23E+03	3.44E+03	1.82E+05	1.53E+05	1.46E+05	8.31E+04	1.01E+05	1.14E+05

3.92E+04	2.53E+04	3.05E+04	1.72E+04	1.50E+04	1.22E+04	1.89E+04	1.26E+04	1.79E+04
2.70E+05	1.25E+05	2.62E+05	8.94E+05	8.77E+05	7.54E+05	8.14E+05	7.33E+05	7.77E+05
1.79E+04	2.22E+04	2.08E+04	8.71E+05	7.32E+05	1.11E+06	6.40E+05	1.08E+06	6.07E+05
6.50E+03	7.36E+03	1.64E+03	8.27E+04	7.14E+04	9.40E+04	3.57E+04	1.01E+05	5.67E+04
2.30E+05	2.50E+05	2.94E+05	5.63E+05	5.17E+05	8.80E+05	5.14E+05	7.49E+05	4.85E+05
6.11E+06	7.73E+06	8.22E+06	8.39E+06	8.32E+06	1.15E+07	6.82E+06	1.21E+07	7.02E+06
8.98E+04	7.99E+04	7.40E+04	9.84E+04	6.54E+04	6.96E+04	5.72E+04	7.36E+04	1.07E+05
5.47E+03	6.76E+03	5.25E+03	5.08E+04	5.97E+04	5.77E+04	5.16E+04	7.12E+04	5.40E+04
2.12E+03	2.00E+03	1.24E+03	1.19E+04	9.18E+03	9.82E+03	1.10E+04	7.27E+03	9.66E+03
9.45E+03	9.51E+03	8.68E+03	6.41E+03	2.52E+03	5.32E+03	6.35E+03	3.49E+03	3.70E+03
2.87E+03	2.49E+03	2.20E+03	1.34E+04	8.45E+03	1.03E+04	7.57E+03	8.71E+03	9.78E+03
2.01E+04	1.91E+04	1.50E+04	3.61E+04	9.00E+00	2.71E+04	2.71E+04	1.43E+04	2.55E+04
7.59E+03	7.48E+03	7.18E+03	2.36E+04	1.29E+04	1.63E+04	1.78E+04	1.08E+04	1.49E+04
4.49E+03	4.30E+03	5.06E+03	8.70E+03	8.91E+03	1.45E+04	6.50E+03	9.94E+03	6.99E+03
1.99E+03	1.96E+03	1.97E+03	2.93E+03	2.17E+03	4.11E+03	3.14E+03	3.94E+03	2.84E+03
9.00E+00	9.00E+00	9.00E+00	1.22E+03	1.33E+03	2.21E+03	6.45E+02	1.68E+03	8.97E+02
6.51E+03	9.44E+03	8.67E+03	1.09E+04	9.42E+03	1.69E+04	8.48E+03	1.05E+04	9.55E+03
2.19E+05	1.95E+05	1.84E+05	1.40E+05	1.92E+05	1.71E+05	1.53E+05	1.49E+05	1.47E+05
2.33E+04	2.31E+04	2.23E+04	3.95E+04	3.42E+04	5.32E+04	4.05E+04	4.29E+04	4.09E+04
7.69E+03	1.95E+04	1.35E+04	1.89E+05	1.22E+05	1.11E+05	1.75E+05	1.05E+05	2.72E+05
7.51E+03	9.00E+00	1.33E+04	2.39E+04	2.03E+04	1.92E+04	1.54E+04	9.90E+03	1.19E+04
6.78E+04	2.74E+04	2.19E+04	8.92E+04	1.27E+05	1.50E+05	1.00E+05	1.43E+05	1.34E+05
3.99E+03	6.78E+03	5.67E+03	2.27E+04	1.95E+04	2.16E+04	1.74E+04	1.39E+04	2.37E+04
2.75E+04	9.00E+00	9.00E+00	1.82E+05	2.17E+05	1.46E+05	1.11E+05	2.09E+05	1.81E+05
5.36E+04	3.44E+04	6.37E+04	3.25E+04	2.83E+04	4.77E+04	2.94E+04	2.54E+04	8.18E+03
1.42E+03	2.29E+03	2.43E+03	7.19E+03	1.08E+04	1.70E+04	3.15E+03	1.94E+04	3.50E+03
8.73E+03	2.91E+03	1.16E+04	2.63E+05	1.98E+05	2.70E+05	1.93E+05	2.30E+05	2.88E+05
1.67E+05	1.44E+05	1.30E+05	2.83E+04	3.25E+04	1.21E+05	2.95E+04	3.98E+04	5.38E+04
1.95E+04	3.00E+04	2.68E+04	1.14E+05	9.86E+04	1.22E+05	2.03E+05	1.19E+05	1.81E+05
3.22E+04	2.70E+04	3.29E+04	5.77E+04	8.25E+04	1.05E+05	2.39E+04	2.44E+05	6.71E+04
2.01E+05	1.78E+05	1.71E+05	1.05E+06	1.09E+06	1.00E+06	8.31E+05	1.41E+06	9.38E+05
4.09E+03	4.70E+03	1.46E+03	3.62E+04	3.69E+04	5.09E+04	3.83E+04	6.27E+04	3.59E+04
1.76E+05	1.56E+05	2.21E+05	1.22E+05	1.75E+05	2.28E+05	2.13E+05	3.48E+05	1.99E+05
2.10E+04	2.25E+04	2.02E+04	6.49E+04	5.43E+04	9.77E+04	1.00E+05	7.11E+04	6.84E+04
1.56E+05	1.31E+05	1.50E+05	1.89E+05	1.44E+05	1.94E+05	1.45E+05	1.79E+05	1.82E+05
1.76E+05	1.76E+05	1.93E+05	1.05E+05	1.11E+05	9.64E+04	1.29E+05	8.35E+04	8.98E+04
1.18E+04	1.09E+04	1.11E+04	4.83E+04	8.16E+04	1.10E+05	4.53E+04	5.87E+04	4.29E+04
2.91E+05	3.31E+05	3.19E+05	1.66E+04	5.25E+04	1.36E+05	2.99E+04	4.56E+04	7.54E+04
1.01E+05	1.04E+05	9.05E+04	1.43E+05	1.23E+05	1.57E+05	9.57E+04	7.44E+04	1.16E+05
1.52E+06	1.58E+06	1.28E+06	2.57E+06	2.24E+06	1.89E+06	2.87E+06	1.98E+06	1.87E+06
9.00E+00	9.00E+00	9.00E+00	2.41E+05	2.28E+05	2.08E+05	7.19E+04	2.10E+05	1.69E+05
7.88E+05	8.06E+05	7.01E+05	1.57E+06	1.23E+06	2.02E+06	6.78E+05	1.42E+06	1.38E+06
4.30E+03	2.45E+03	2.87E+03	2.21E+04	1.80E+04	3.04E+04	2.63E+03	1.38E+04	1.14E+04
3.51E+04	2.63E+04	2.74E+04	3.32E+04	3.24E+04	4.84E+04	1.74E+04	2.98E+04	4.44E+04
2.09E+04	2.83E+04	2.26E+04	2.87E+04	2.34E+04	5.43E+04	3.17E+04	2.59E+04	3.70E+04
3.73E+05	3.45E+05	3.16E+05	4.00E+04	4.83E+04	5.59E+04	3.78E+04	5.88E+04	6.91E+04
1.51E+04	2.43E+04	1.95E+04	3.44E+04	8.14E+03	1.22E+04	1.14E+04	1.01E+04	8.04E+03
1.95E+05	1.44E+05	1.36E+05	4.33E+05	4.48E+05	3.49E+05	2.71E+05	3.56E+05	3.70E+05
3.70E+05	3.52E+05	3.76E+05	1.41E+05	1.29E+05	9.52E+04	1.48E+05	1.19E+05	2.13E+05
3.58E+03	6.18E+03	2.71E+03	4.20E+04	5.65E+04	4.51E+04	6.16E+04	5.74E+04	3.92E+04
3.99E+04	5.12E+04	5.11E+04	2.02E+05	2.53E+05	2.77E+05	3.65E+05	2.54E+05	3.89E+05
3.76E+03	6.34E+03	7.42E+03	5.00E+03	5.78E+03	9.83E+03	6.60E+03	5.91E+03	5.92E+03
1.02E+04	1.14E+04	1.04E+04	1.24E+04	1.03E+04	1.55E+04	7.85E+03	9.92E+03	9.99E+03
9.00E+00	5.55E+04	9.00E+00	2.27E+04	9.15E+04	1.15E+05	4.59E+04	9.82E+04	5.58E+04

3.96E+05	4.34E+05	3.50E+05	9.45E+04	1.04E+05	3.13E+05	8.55E+04	1.10E+05	1.15E+05
1.41E+05	8.86E+04	8.92E+04	7.69E+05	7.97E+05	1.19E+06	6.15E+05	9.60E+05	1.12E+06
1.22E+06	1.34E+06	1.06E+06	4.27E+06	2.88E+06	4.18E+06	4.60E+06	3.78E+06	4.05E+06
6.58E+05	6.06E+05	5.19E+05	5.08E+05	6.05E+05	6.24E+05	4.83E+05	7.08E+05	1.75E+05
5.15E+04	6.55E+04	4.52E+04	1.87E+05	1.74E+05	1.75E+05	2.43E+05	2.06E+05	1.60E+05
3.34E+04	3.40E+04	2.26E+04	9.00E+00	9.00E+00	3.93E+03	1.04E+03	9.00E+00	9.00E+00
3.02E+06	2.59E+06	2.37E+06	1.64E+06	1.40E+06	1.72E+06	4.75E+05	1.32E+06	1.30E+06
1.45E+07	1.52E+07	1.48E+07	9.84E+06	8.52E+06	1.08E+07	8.96E+06	1.05E+07	8.60E+06
1.10E+04	1.36E+04	3.43E+03	1.39E+05	1.34E+05	1.93E+05	4.90E+04	7.84E+04	9.45E+04
6.64E+04	8.57E+04	4.61E+04	1.30E+05	1.07E+05	2.71E+05	8.33E+04	1.68E+05	1.02E+05
2.99E+03	1.40E+04	6.04E+03	3.98E+04	4.00E+04	7.99E+04	3.19E+04	5.89E+04	2.81E+04
3.80E+04	6.81E+04	3.47E+04	1.16E+05	1.16E+05	1.46E+05	8.16E+04	9.71E+04	1.21E+05
1.88E+05	1.67E+05	1.20E+05	1.14E+05	7.59E+04	2.06E+05	9.79E+04	9.47E+04	1.37E+05
9.00E+00	9.00E+00	9.00E+00	4.88E+05	3.93E+05	5.24E+05	4.33E+05	5.62E+05	6.37E+05
1.34E+06	1.59E+06	1.43E+06	1.82E+06	1.66E+06	1.66E+06	1.25E+06	1.84E+06	2.17E+06
6.18E+03	6.75E+03	4.07E+03	5.06E+04	4.13E+04	6.01E+04	2.37E+04	4.40E+04	4.60E+04
2.03E+04	2.88E+04	1.53E+04	5.84E+04	5.22E+04	6.23E+04	5.60E+04	5.14E+04	7.40E+04
1.24E+04	5.86E+03	7.22E+03	5.58E+05	4.27E+05	5.46E+05	3.64E+05	6.39E+05	6.66E+05
7.11E+03	9.29E+03	1.25E+04	1.92E+04	2.35E+04	2.55E+04	1.34E+04	2.39E+04	3.27E+04
9.00E+00	9.00E+00	9.00E+00	4.84E+04	4.76E+04	4.93E+04	1.47E+05	6.30E+04	4.42E+04
4.88E+03	3.11E+03	5.51E+03	4.38E+04	3.28E+04	2.53E+04	6.30E+04	4.17E+04	3.09E+04
2.56E+04	3.00E+04	2.53E+04	6.13E+04	5.44E+04	7.00E+04	6.96E+04	4.23E+04	6.21E+04
5.10E+04	5.45E+04	1.59E+04	1.94E+05	1.76E+05	1.08E+05	6.54E+04	9.93E+04	1.49E+05
1.48E+04	1.18E+04	3.98E+03	2.62E+04	4.52E+04	7.07E+04	4.80E+04	8.35E+04	6.53E+04
3.72E+05	3.55E+05	3.16E+05	5.47E+05	5.15E+05	2.49E+05	5.83E+05	4.39E+05	4.42E+05
9.00E+00	5.48E+04	4.01E+04	9.34E+05	6.97E+05	6.52E+05	4.13E+05	1.04E+06	7.42E+05
9.00E+00	9.00E+00	9.00E+00	7.41E+04	6.53E+04	2.44E+04	1.36E+04	9.14E+04	9.39E+04
5.06E+04	5.19E+04	4.29E+04	1.58E+04	1.31E+04	1.49E+04	5.26E+03	1.27E+04	1.69E+04
5.79E+05	6.81E+05	5.57E+05	7.88E+05	7.56E+05	8.48E+05	4.71E+05	7.93E+05	9.22E+05
4.03E+04	4.03E+04	3.68E+04	1.62E+04	9.16E+03	2.53E+04	9.09E+03	3.02E+03	2.75E+04
3.54E+04	3.61E+04	3.56E+04	2.48E+04	2.50E+04	3.50E+04	2.07E+04	3.37E+04	2.33E+04
3.89E+04	2.04E+04	2.34E+04	2.34E+04	2.89E+04	3.26E+04	2.45E+04	3.28E+04	2.28E+04
1.40E+05	3.67E+05	2.57E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.47E+03	9.00E+00
1.95E+05	2.03E+05	1.56E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
3.01E+04	9.00E+00	9.00E+00	7.72E+05	8.44E+05	1.04E+06	3.34E+05	9.03E+05	4.81E+05
6.38E+04	1.11E+05	9.37E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.88E+03	9.00E+00
1.83E+04	1.33E+04	9.99E+03	7.55E+03	6.78E+03	1.65E+04	1.10E+04	1.40E+04	1.59E+04
3.18E+03	3.59E+03	3.33E+03	6.12E+03	6.65E+03	1.82E+04	2.12E+03	9.41E+03	5.95E+03
2.95E+03	5.10E+03	4.34E+03	8.10E+03	6.59E+03	8.77E+03	6.04E+03	6.03E+03	7.28E+03
7.52E+04	8.44E+04	8.41E+04	1.85E+05	1.78E+05	5.93E+05	8.78E+04	2.39E+05	1.47E+05
7.63E+03	6.63E+03	7.52E+03	1.27E+04	1.31E+04	1.39E+04	1.01E+04	1.37E+04	1.28E+04
1.20E+04	9.61E+03	1.24E+04	3.14E+04	1.77E+04	2.12E+04	2.16E+04	1.33E+04	2.44E+04
2.68E+04	1.58E+04	1.63E+04	1.37E+04	1.74E+04	2.03E+04	2.73E+03	8.63E+03	1.03E+04
5.50E+04	7.50E+04	6.22E+04	3.28E+04	2.71E+04	5.16E+04	1.64E+04	2.99E+04	3.03E+04
9.27E+04	8.02E+04	5.96E+04	4.20E+04	8.84E+04	1.19E+05	1.12E+05	9.16E+04	1.26E+05
1.23E+04	4.64E+03	6.09E+03	2.67E+05	1.96E+05	2.16E+05	3.56E+05	1.78E+05	2.76E+05
3.60E+04	1.07E+05	5.55E+04	1.25E+06	1.60E+06	1.85E+06	1.11E+06	2.33E+06	1.10E+06
4.11E+04	3.19E+04	3.89E+04	1.64E+05	1.25E+05	1.54E+05	1.38E+05	1.74E+05	1.10E+05
2.62E+05	3.66E+04	2.23E+05	2.74E+05	4.79E+05	8.77E+04	2.43E+05	8.15E+04	2.28E+05
2.43E+05	2.13E+05	1.77E+05	9.90E+04	2.20E+04	1.06E+05	1.20E+05	1.14E+05	2.01E+04
6.29E+04	5.86E+04	4.11E+04	6.05E+04	1.10E+05	9.13E+04	1.52E+05	8.57E+04	7.26E+04
1.16E+05	1.04E+05	1.10E+05	4.32E+03	9.00E+00	9.00E+00	9.00E+00	8.58E+03	9.00E+00
9.00E+00	9.00E+00	9.00E+00	1.74E+05	3.23E+05	5.05E+04	2.31E+05	2.63E+05	1.39E+05
2.68E+06	2.54E+06	2.26E+06	8.47E+05	6.40E+05	8.80E+05	6.94E+05	8.55E+05	6.60E+05

2.01E+06	1.79E+06	1.72E+06	3.72E+04	1.50E+04	7.46E+04	1.80E+04	2.00E+04	3.13E+04
3.03E+06	2.04E+06	2.86E+06	7.08E+05	6.71E+05	8.87E+05	1.52E+05	5.98E+05	6.20E+05
4.28E+05	4.66E+05	3.73E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
2.97E+04	2.55E+04	3.77E+04	5.59E+04	3.82E+04	7.55E+04	2.80E+04	7.90E+04	7.00E+04
5.55E+03	7.00E+03	4.11E+03	3.99E+04	2.65E+04	4.02E+04	9.00E+00	4.04E+04	1.84E+04
2.06E+06	1.95E+06	2.13E+06	1.77E+07	1.69E+07	1.61E+07	1.58E+07	1.83E+07	1.80E+07
6.31E+05	6.59E+05	6.29E+05	7.09E+05	5.77E+05	7.70E+05	6.32E+05	6.99E+05	6.44E+05
1.38E+04	1.91E+04	1.67E+04	7.81E+04	9.71E+04	7.05E+04	1.20E+04	8.57E+04	5.16E+04
3.77E+05	5.02E+05	3.74E+05	7.49E+05	7.84E+05	6.92E+05	1.29E+06	6.72E+05	7.60E+05
1.19E+06	9.94E+05	1.08E+06	9.00E+00	9.00E+00	1.24E+05	9.00E+00	8.17E+04	9.00E+00
4.86E+05	5.24E+05	4.17E+05	2.92E+05	2.71E+05	2.48E+05	3.23E+05	2.56E+05	3.21E+05
1.52E+04	1.24E+04	6.47E+03	9.30E+05	9.40E+05	8.39E+05	1.30E+06	1.01E+06	1.11E+06
1.72E+04	9.00E+00	9.00E+00	2.41E+05	3.43E+05	2.32E+05	5.57E+05	4.48E+05	3.46E+05
5.61E+03	4.96E+03	5.25E+03	6.20E+04	6.90E+04	7.57E+04	1.11E+05	1.65E+05	9.57E+04
5.17E+04	2.10E+05	1.81E+05	5.53E+06	6.44E+06	4.63E+06	6.33E+06	6.11E+06	7.71E+06
1.03E+07	1.04E+07	8.18E+06	3.30E+05	5.03E+05	9.03E+05	3.22E+05	4.24E+05	4.30E+05
1.10E+05	8.77E+04	8.79E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
6.11E+05	6.84E+05	9.63E+04	1.81E+05	2.05E+05	1.89E+05	1.22E+05	2.73E+05	1.73E+05
1.12E+08	1.34E+08	1.03E+08	7.30E+07	5.50E+07	6.74E+07	6.22E+07	9.27E+07	5.01E+07
8.75E+06	5.99E+06	6.87E+06	1.53E+05	2.09E+05	8.24E+05	1.11E+05	3.13E+05	1.85E+05
2.13E+05	1.73E+05	1.37E+05	2.05E+05	2.26E+05	5.00E+05	3.28E+05	2.34E+05	3.26E+05
7.73E+04	9.60E+04	8.03E+04	9.23E+04	9.17E+04	1.07E+05	9.49E+04	1.36E+05	8.63E+04
1.00E+05	1.24E+05	7.93E+04	6.21E+04	4.72E+04	5.90E+04	3.75E+04	5.29E+04	4.45E+04
1.90E+05	1.19E+05	7.39E+04	1.68E+05	1.88E+05	2.10E+05	1.35E+05	2.08E+05	1.93E+05
4.38E+05	5.21E+05	4.76E+05	9.00E+00	3.27E+04	5.76E+04	9.00E+00	9.00E+00	9.00E+00
6.73E+05	6.72E+05	5.18E+05	1.62E+05	1.70E+05	3.75E+05	1.64E+05	2.05E+05	1.64E+05
2.41E+06	2.15E+06	2.11E+06	8.87E+05	7.37E+05	1.27E+06	7.19E+05	1.06E+06	9.78E+05
9.00E+00	9.00E+00	9.00E+00	1.41E+05	1.67E+05	1.69E+05	5.48E+04	1.38E+05	8.48E+04
2.97E+07	3.80E+07	5.27E+07	5.49E+06	4.00E+06	7.95E+06	7.26E+06	5.74E+06	5.12E+06
7.47E+06	7.05E+06	7.22E+06	2.80E+04	2.30E+04	1.27E+05	2.20E+04	2.22E+04	2.32E+04
7.66E+04	5.85E+04	6.29E+04	1.52E+04	9.00E+00	1.97E+04	9.00E+00	9.00E+00	9.00E+00
3.14E+05	2.93E+05	2.39E+05	9.70E+04	1.25E+05	9.50E+04	1.03E+05	1.08E+05	1.07E+05
4.20E+05	4.07E+05	3.42E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
8.27E+05	9.12E+05	9.79E+05	5.56E+05	5.57E+05	5.99E+05	4.81E+05	5.39E+05	6.21E+05
1.37E+04	5.28E+04	1.55E+04	3.66E+05	3.57E+05	2.72E+05	3.24E+05	3.77E+05	3.78E+05
1.50E+05	1.68E+05	1.27E+05	9.00E+00	9.00E+00	9.00E+00	1.07E+04	9.00E+00	9.00E+00
1.52E+05	2.14E+05	1.82E+05	9.00E+00	9.00E+00	6.02E+04	9.00E+00	9.00E+00	4.54E+04
9.00E+00	9.00E+00	9.00E+00	1.06E+05	1.09E+05	1.20E+05	1.20E+05	1.86E+05	1.37E+05
1.19E+06	1.13E+06	1.02E+06	1.13E+05	1.02E+05	1.72E+05	1.37E+05	1.18E+05	1.65E+05
7.16E+04	6.81E+04	6.46E+04	8.17E+03	1.09E+04	4.88E+04	8.48E+03	1.60E+04	1.61E+04
3.05E+04	2.50E+04	1.87E+04	1.32E+06	1.35E+06	1.07E+06	1.11E+06	1.36E+06	1.16E+06
2.05E+03	1.02E+03	2.02E+03	5.44E+04	3.55E+04	5.22E+04	3.55E+04	3.69E+04	3.98E+04
1.14E+04	4.23E+04	4.51E+04	9.31E+05	8.42E+05	6.99E+05	8.64E+05	1.03E+06	9.71E+05
9.00E+00	3.62E+03	9.00E+00	2.86E+05	3.44E+05	3.64E+05	8.76E+05	8.32E+05	4.42E+05
4.51E+03	8.11E+03	4.59E+03	1.44E+05	1.40E+05	2.12E+05	4.96E+04	1.35E+05	9.64E+04
3.00E+05	2.79E+05	2.37E+05	2.35E+05	4.41E+05	4.53E+05	1.63E+05	2.68E+05	2.08E+05
4.01E+04	4.52E+04	3.83E+04	1.29E+05	1.60E+05	1.14E+05	3.93E+04	1.61E+05	9.87E+04
6.81E+04	7.27E+04	8.97E+04	1.53E+05	1.84E+05	2.07E+05	7.23E+03	1.57E+05	1.73E+05
3.70E+05	2.86E+05	6.76E+05	9.42E+05	8.12E+05	8.65E+05	3.17E+05	8.78E+05	1.01E+06
1.62E+04	1.35E+04	8.21E+03	2.47E+05	3.39E+05	2.52E+05	2.88E+05	3.12E+05	2.50E+05
9.00E+00	9.00E+00	9.00E+00	1.25E+05	8.88E+04	6.44E+04	3.61E+04	1.09E+05	9.32E+04
2.01E+05	2.28E+05	2.41E+05	8.08E+04	1.10E+05	1.05E+05	1.31E+05	4.93E+04	1.28E+05
9.00E+00	9.00E+00	9.00E+00	8.17E+04	7.97E+04	6.80E+04	1.23E+04	4.44E+04	5.34E+04
9.00E+00	9.00E+00	9.00E+00	1.16E+05	9.76E+04	8.50E+04	7.17E+04	4.31E+04	6.17E+04

7.34E+04	8.01E+04	9.56E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.75E+04
4.12E+04	5.51E+04	5.80E+04	9.00E+00	9.00E+00	9.00E+00	9.08E+04	9.00E+00	9.00E+00	9.00E+00
1.37E+06	1.73E+06	1.51E+06	1.73E+05	1.52E+05	3.30E+05	1.70E+05	1.98E+05	1.59E+05	1.59E+05
4.23E+04	5.43E+04	2.89E+04	1.75E+05	2.24E+05	1.90E+05	9.70E+04	1.70E+05	1.83E+05	1.83E+05
6.44E+05	6.77E+05	5.64E+05	4.80E+05	4.54E+05	4.53E+05	4.98E+05	5.78E+05	5.63E+05	5.63E+05
1.22E+04	1.03E+04	7.56E+03	9.80E+04	1.14E+05	1.38E+05	3.76E+04	1.39E+05	6.39E+04	6.39E+04
1.17E+05	1.28E+05	1.32E+05	8.99E+04	9.09E+04	8.98E+04	1.30E+05	9.92E+04	1.26E+05	1.26E+05
9.57E+03	3.36E+04	1.89E+04	1.66E+05	1.75E+05	1.55E+05	2.57E+05	2.67E+05	2.24E+05	2.24E+05
5.72E+04	5.72E+04	5.55E+04	1.23E+05	9.98E+04	8.33E+04	6.25E+04	9.82E+04	1.18E+05	1.18E+05
1.64E+04	1.15E+04	1.38E+04	6.94E+05	6.07E+05	7.81E+05	5.95E+05	1.05E+06	7.18E+05	7.18E+05
2.12E+03	2.12E+03	2.09E+03	1.91E+05	1.92E+05	1.55E+05	1.71E+05	1.86E+05	2.79E+05	2.79E+05
7.23E+05	6.99E+05	7.83E+05	9.69E+05	9.39E+05	8.15E+05	7.96E+05	7.92E+05	8.47E+05	8.47E+05
8.30E+03	1.30E+04	1.03E+04	4.28E+05	3.94E+05	4.03E+05	1.42E+05	3.31E+05	3.11E+05	3.11E+05
5.99E+05	4.96E+05	5.78E+05	1.75E+06	1.45E+06	1.15E+06	1.30E+06	1.34E+06	1.32E+06	1.32E+06
2.42E+05	3.34E+05	2.62E+05	2.57E+05	2.87E+05	2.57E+05	2.22E+05	3.06E+05	2.49E+05	2.49E+05
1.15E+06	1.03E+06	8.35E+05	3.81E+04	4.22E+04	9.12E+04	7.03E+04	5.16E+04	4.13E+04	4.13E+04
9.00E+00	9.00E+00	9.00E+00	2.74E+04	3.47E+04	2.55E+04	1.69E+04	4.74E+04	3.12E+04	3.12E+04
9.00E+00	9.00E+00	9.00E+00	5.45E+04	5.05E+04	3.72E+04	4.26E+04	4.71E+04	5.20E+04	5.20E+04
9.00E+00	9.00E+00	9.00E+00	2.15E+04	3.35E+04	7.56E+03	2.44E+04	1.90E+04	2.39E+04	2.39E+04
9.28E+06	1.05E+07	1.22E+07	9.21E+04	3.14E+04	8.83E+04	8.64E+04	7.95E+04	1.70E+04	1.70E+04
7.96E+06	9.17E+06	6.78E+06	1.54E+06	1.66E+06	1.64E+06	1.49E+06	2.00E+06	1.24E+06	1.24E+06
3.87E+04	6.85E+04	3.83E+04	1.13E+05	1.26E+05	1.05E+05	6.45E+04	1.40E+05	5.66E+04	5.66E+04
1.16E+05	9.49E+04	1.02E+05	3.96E+05	5.62E+05	6.11E+05	3.58E+05	5.00E+05	2.38E+05	2.38E+05
2.43E+07	3.08E+07	2.43E+07	5.69E+06	5.14E+06	7.70E+06	4.77E+06	7.43E+06	1.66E+06	1.66E+06
9.00E+00	9.00E+00	9.00E+00	9.95E+05	9.18E+05	1.24E+06	6.10E+05	1.08E+06	3.67E+05	3.67E+05
7.14E+05	7.78E+05	5.99E+05	2.54E+06	2.35E+06	2.92E+06	1.35E+06	2.57E+06	1.22E+06	1.22E+06
1.72E+04	2.21E+04	1.79E+04	4.90E+04	3.68E+04	4.06E+04	2.52E+04	2.62E+04	2.84E+04	2.84E+04
5.72E+03	1.15E+04	9.32E+03	3.75E+04	6.89E+04	1.64E+04	3.19E+04	3.69E+04	4.08E+04	4.08E+04
3.33E+05	4.71E+05	3.08E+05	1.63E+07	1.75E+07	1.51E+07	2.19E+07	1.58E+07	1.51E+07	1.51E+07
7.33E+05	8.71E+05	5.71E+05	4.99E+06	4.46E+06	5.94E+06	7.37E+06	6.25E+06	6.19E+06	6.19E+06
9.15E+03	1.45E+04	1.10E+04	7.01E+04	9.48E+04	1.16E+05	1.26E+05	8.89E+04	7.60E+04	7.60E+04
9.67E+06	1.02E+07	8.22E+06	8.67E+06	8.51E+06	1.01E+07	2.08E+07	1.04E+07	7.84E+06	7.84E+06
5.87E+04	6.81E+04	4.52E+04	1.71E+05	1.26E+05	2.73E+05	4.00E+05	1.65E+05	1.68E+05	1.68E+05
6.16E+06	6.90E+06	5.61E+06	7.41E+05	6.68E+05	1.18E+06	9.13E+05	7.94E+05	5.30E+05	5.30E+05
7.59E+05	9.32E+05	7.77E+05	3.74E+04	2.46E+04	5.43E+04	3.12E+04	3.61E+04	1.82E+04	1.82E+04
1.67E+07	1.89E+07	1.43E+07	6.95E+06	5.90E+06	8.96E+06	7.75E+06	8.46E+06	4.83E+06	4.83E+06
7.18E+04	7.47E+04	5.63E+04	2.00E+05	2.41E+05	2.37E+05	1.75E+05	1.85E+05	1.83E+05	1.83E+05
7.60E+05	9.32E+05	6.87E+05	5.11E+05	4.39E+05	8.92E+05	4.09E+05	5.97E+05	3.07E+05	3.07E+05
3.53E+06	4.00E+06	1.91E+06	9.85E+05	1.02E+06	2.41E+06	1.15E+06	8.87E+05	7.84E+05	7.84E+05
5.06E+06	6.13E+06	4.24E+06	8.47E+06	3.14E+06	3.58E+06	8.66E+06	8.81E+06	5.36E+06	5.36E+06
6.63E+06	6.28E+06	5.05E+06	5.74E+05	7.40E+05	1.04E+06	3.73E+05	7.55E+05	5.96E+05	5.96E+05
7.12E+04	9.73E+04	8.05E+04	1.55E+06	1.33E+06	1.65E+06	1.44E+06	1.65E+06	9.42E+05	9.42E+05
3.09E+06	5.25E+06	1.37E+06	3.44E+06	3.32E+06	5.13E+06	4.54E+06	2.75E+06	2.33E+06	2.33E+06
2.23E+06	2.65E+06	1.94E+06	4.16E+07	3.81E+07	3.51E+07	4.39E+07	4.03E+07	2.91E+07	2.91E+07
3.51E+05	3.84E+05	2.60E+05	2.81E+06	2.79E+06	3.02E+06	3.68E+06	2.28E+06	1.87E+06	1.87E+06
5.30E+04	7.32E+04	4.69E+04	1.03E+06	8.47E+05	1.14E+06	1.04E+06	1.17E+06	6.64E+05	6.64E+05
6.95E+05	7.66E+05	4.71E+05	3.74E+06	3.39E+06	3.76E+06	3.35E+06	4.05E+06	3.76E+06	3.76E+06
1.53E+05	1.81E+05	1.45E+05	4.93E+06	4.28E+06	3.35E+06	4.89E+06	3.28E+06	3.90E+06	3.90E+06
7.81E+05	8.57E+05	6.23E+05	2.42E+06	3.01E+06	1.71E+06	2.49E+06	1.98E+06	1.64E+06	1.64E+06
4.80E+04	3.57E+04	2.75E+04	3.84E+05	3.00E+05	4.46E+05	3.22E+05	3.42E+05	2.06E+05	2.06E+05
2.01E+05	2.68E+05	1.97E+05	6.62E+05	7.20E+05	7.85E+05	7.28E+05	7.17E+05	5.34E+05	5.34E+05
2.61E+04	2.90E+04	2.11E+04	5.63E+04	6.91E+04	5.22E+04	5.89E+04	4.67E+04	4.75E+04	4.75E+04
9.60E+04	8.22E+04	6.18E+04	1.58E+05	1.89E+05	2.21E+05	1.48E+05	2.79E+05	1.61E+05	1.61E+05
1.33E+05	1.84E+05	1.18E+05	2.03E+05	1.67E+05	2.39E+05	2.34E+05	2.06E+05	1.72E+05	1.72E+05

9.00E+00	9.00E+00	9.00E+00	2.85E+06	3.03E+06	2.91E+06	3.62E+06	3.41E+06	2.82E+06
1.55E+06	1.71E+06	1.58E+06	2.33E+06	2.70E+06	2.37E+06	2.26E+06	2.21E+06	1.61E+06
4.30E+04	7.16E+04	4.25E+04	6.52E+05	6.85E+05	8.84E+05	8.28E+05	7.40E+05	9.03E+05
5.15E+05	9.00E+00	9.00E+00	6.16E+05	8.82E+05	8.66E+05	1.18E+06	7.76E+05	8.47E+05
3.27E+07	3.56E+07	3.32E+07	5.94E+07	4.67E+07	4.82E+07	6.22E+07	4.90E+07	4.97E+07
2.03E+05	1.15E+05	1.16E+05	1.76E+05	1.94E+05	2.38E+05	9.00E+00	1.63E+05	1.33E+05
9.00E+00	9.00E+00	9.00E+00	2.42E+05	2.57E+05	3.80E+05	2.99E+05	2.71E+05	2.89E+05
4.78E+04	3.50E+04	2.05E+04	3.97E+05	3.97E+05	4.24E+05	4.36E+05	4.27E+05	2.89E+05
3.73E+06	4.07E+06	3.58E+06	3.36E+06	3.26E+06	3.99E+06	3.68E+06	3.88E+06	3.37E+06
6.39E+04	9.28E+04	8.93E+04	1.69E+05	1.59E+05	1.71E+05	1.35E+05	2.02E+05	1.35E+05
4.54E+05	5.09E+05	4.22E+05	3.02E+05	2.89E+05	3.71E+05	1.75E+05	5.34E+05	1.07E+05
7.62E+06	9.02E+06	6.51E+06	3.91E+06	3.67E+06	4.67E+06	2.77E+06	5.78E+06	3.84E+06
9.93E+05	1.39E+06	9.25E+05	3.09E+05	3.81E+05	4.22E+05	3.17E+05	4.26E+05	2.65E+05
5.42E+04	5.44E+04	4.99E+04	3.92E+04	3.72E+04	2.39E+04	2.82E+04	4.98E+04	4.30E+04
3.50E+04	4.89E+04	6.30E+04	5.83E+04	6.72E+04	2.42E+05	7.57E+04	6.11E+04	3.60E+04
2.77E+04	1.40E+04	9.00E+00	1.89E+04	1.46E+04	7.95E+04	1.67E+04	1.94E+04	1.52E+04
8.01E+04	9.65E+04	9.62E+04	1.18E+05	1.13E+05	1.49E+05	1.44E+05	8.24E+04	8.53E+04
4.90E+03	1.06E+04	4.18E+03	2.89E+04	4.63E+04	8.00E+05	1.71E+04	4.88E+04	3.46E+04
5.42E+03	1.50E+04	5.97E+03	1.06E+05	1.17E+05	1.64E+06	7.06E+04	1.45E+05	1.57E+05
5.83E+03	6.28E+03	5.80E+03	2.76E+05	2.68E+05	1.29E+06	3.39E+05	3.81E+05	4.21E+05
9.00E+00	9.00E+00	9.00E+00	8.35E+04	7.74E+04	2.92E+05	7.50E+04	1.43E+05	1.09E+05
9.00E+00	4.51E+03	8.16E+02	2.93E+04	5.20E+04	1.05E+05	1.67E+05	6.76E+04	7.94E+04
9.00E+00	4.27E+03	3.32E+03	4.93E+04	5.34E+04	6.01E+05	8.80E+04	1.22E+05	1.07E+05
8.38E+04	6.60E+04	5.17E+04	7.61E+04	1.00E+05	1.60E+06	9.76E+04	9.19E+04	9.24E+04
1.55E+04	3.38E+04	2.57E+04	4.01E+04	4.28E+04	4.27E+05	3.96E+04	7.21E+04	3.53E+04
8.72E+04	1.18E+05	8.43E+04	1.09E+05	1.46E+05	2.76E+06	1.15E+05	1.51E+05	1.39E+05
1.34E+04	2.40E+04	1.73E+04	5.18E+04	4.19E+04	5.24E+05	2.90E+04	6.07E+04	4.97E+04
3.81E+04	5.75E+04	6.47E+04	9.00E+00	9.00E+00	1.45E+05	9.00E+00	7.14E+04	9.00E+00
8.19E+03	8.63E+03	1.07E+04	4.54E+04	3.70E+04	1.16E+05	1.80E+04	5.08E+04	6.14E+04
2.09E+04	3.28E+04	4.76E+04	7.20E+04	6.52E+04	1.28E+06	4.00E+04	4.02E+04	6.27E+04
1.06E+05	6.04E+04	7.50E+04	1.39E+05	9.54E+04	1.61E+06	1.11E+05	1.50E+05	1.17E+05
3.81E+04	3.02E+04	5.16E+04	1.59E+05	1.60E+05	4.31E+06	8.41E+04	2.10E+05	1.70E+05
5.95E+03	7.31E+03	2.73E+04	1.95E+05	2.18E+05	3.22E+06	1.31E+05	4.24E+05	2.34E+05
9.00E+00	9.00E+00	9.00E+00	1.05E+05	8.31E+04	3.55E+05	2.55E+04	3.09E+05	7.52E+04
9.00E+00	9.00E+00	9.00E+00	2.02E+05	1.85E+05	1.28E+05	1.41E+05	2.34E+05	1.70E+05
1.49E+04	7.12E+03	9.64E+02	2.19E+05	1.67E+05	1.00E+06	1.07E+05	2.86E+05	1.63E+05
9.00E+00	9.00E+00	9.00E+00	6.97E+04	4.17E+04	2.18E+05	2.47E+04	9.88E+04	4.85E+04
7.10E+03	3.94E+03	1.48E+03	3.81E+05	3.13E+05	2.83E+05	7.05E+04	4.68E+05	2.40E+05
4.81E+03	9.00E+00	2.41E+03	9.24E+04	8.72E+04	5.12E+05	7.01E+04	2.54E+05	1.12E+05
9.00E+00	9.00E+00	1.37E+03	4.52E+04	3.57E+04	1.15E+05	7.59E+04	7.21E+04	5.31E+04
1.08E+05	1.05E+05	3.16E+04	1.26E+05	1.59E+05	2.03E+05	3.63E+04	1.61E+05	1.65E+05
1.04E+03	9.00E+00	9.00E+00	6.80E+04	6.79E+04	4.05E+04	3.03E+04	7.24E+04	6.18E+04
9.00E+00	9.00E+00	9.00E+00	6.00E+04	3.71E+04	8.80E+04	9.00E+00	8.18E+04	5.69E+04
2.58E+03	9.00E+00	1.47E+03	8.63E+04	8.08E+04	5.56E+04	2.74E+04	9.24E+04	5.79E+04
9.00E+00	9.00E+00	9.00E+00	1.01E+05	6.35E+04	5.57E+04	3.00E+04	1.45E+05	9.50E+04
1.75E+05	1.58E+05	1.95E+05	2.57E+05	3.34E+05	5.82E+06	2.38E+05	1.92E+05	1.78E+05
1.06E+05	8.09E+04	1.08E+05	1.20E+05	1.39E+05	2.92E+06	1.05E+05	1.51E+05	1.37E+05
3.17E+04	1.59E+04	4.41E+04	6.31E+04	3.00E+04	2.59E+05	4.80E+04	4.44E+04	2.00E+04
2.61E+04	1.02E+04	3.11E+04	1.17E+05	8.37E+04	1.80E+06	8.42E+04	1.69E+05	1.21E+05
4.59E+04	4.89E+04	2.03E+05	2.87E+05	2.17E+05	5.76E+05	2.63E+05	2.41E+05	2.82E+05
5.68E+04	6.02E+04	7.57E+04	5.39E+04	7.50E+04	2.06E+05	8.13E+04	9.36E+04	5.18E+04
1.79E+05	2.48E+05	1.46E+05	3.96E+05	4.19E+05	1.37E+07	3.46E+05	4.20E+05	3.66E+05
5.54E+04	3.02E+04	5.53E+04	1.19E+05	8.09E+04	4.51E+05	6.00E+04	1.16E+05	8.02E+04
1.58E+04	9.00E+00	1.02E+04	1.18E+05	9.26E+04	3.45E+05	5.49E+04	1.44E+05	1.09E+05

4.29E+05	3.77E+05	4.74E+05	8.21E+05	7.83E+05	3.08E+07	6.98E+05	7.53E+05	6.64E+05
1.77E+05	1.31E+05	1.75E+05	3.44E+05	3.90E+05	2.07E+07	1.91E+05	4.14E+05	3.01E+05
9.38E+04	5.78E+04	8.09E+04	1.41E+05	1.20E+05	3.11E+06	1.36E+05	1.25E+05	1.12E+05
1.44E+05	1.21E+05	1.28E+05	1.32E+06	1.26E+06	2.40E+07	3.51E+05	2.02E+06	1.07E+06
6.01E+04	2.44E+04	5.18E+04	1.81E+06	1.34E+06	2.51E+07	6.16E+05	2.62E+06	1.56E+06
2.34E+04	6.94E+03	6.41E+03	2.28E+05	2.76E+05	3.68E+05	1.13E+05	3.13E+05	2.36E+05
9.00E+00	9.00E+00	2.71E+04	2.33E+05	1.62E+05	2.12E+05	1.23E+05	5.77E+05	2.11E+05
7.60E+03	1.15E+04	2.75E+04	4.29E+04	5.47E+04	3.88E+05	1.64E+04	7.33E+04	4.76E+04
8.67E+04	8.01E+04	1.01E+05	8.77E+05	7.02E+05	1.56E+07	1.83E+05	1.44E+06	7.29E+05
3.66E+04	8.71E+03	2.40E+04	4.46E+05	5.07E+05	8.16E+06	7.36E+04	1.07E+06	4.93E+05
1.11E+04	9.00E+00	3.74E+03	5.13E+04	9.51E+04	9.16E+05	1.79E+04	1.37E+05	7.46E+04
9.00E+00	1.98E+03	5.06E+02	1.72E+05	1.31E+05	2.06E+05	5.64E+04	2.16E+05	1.41E+05
9.00E+00	9.00E+00	9.00E+00	7.50E+03	1.07E+04	8.03E+04	3.23E+03	4.27E+04	2.70E+03
9.00E+00	5.43E+02	3.22E+03	4.48E+04	4.27E+04	2.87E+05	1.08E+04	6.93E+04	5.08E+04
9.00E+00	9.00E+00	9.00E+00	6.28E+04	4.63E+04	1.22E+05	1.13E+04	1.41E+05	1.01E+05
5.49E+03	2.22E+04	1.56E+04	2.57E+05	2.17E+05	4.79E+06	1.06E+05	2.60E+05	1.95E+05
1.17E+04	1.93E+03	6.87E+03	6.13E+05	5.86E+05	5.35E+06	9.31E+04	1.01E+06	7.34E+05
2.38E+04	2.64E+04	2.80E+04	3.74E+04	3.85E+04	2.94E+05	3.60E+04	3.97E+04	3.49E+04
9.00E+00	9.00E+00	5.29E+03	7.25E+04	8.42E+04	6.88E+05	5.80E+03	1.06E+05	1.07E+05
3.40E+03	1.45E+03	4.18E+03	2.27E+05	1.90E+05	7.77E+05	5.97E+04	2.11E+05	2.02E+05
1.53E+04	1.02E+04	7.71E+03	1.99E+06	1.86E+06	7.50E+06	1.09E+06	5.25E+06	2.57E+06
1.53E+03	9.00E+00	9.00E+00	3.10E+05	3.50E+05	1.22E+06	1.43E+05	1.09E+06	9.71E+04
9.00E+00	9.00E+00	1.35E+03	2.83E+04	2.50E+04	7.50E+04	7.90E+03	5.16E+04	2.95E+04
9.00E+00	9.00E+00	9.00E+00	8.84E+04	7.25E+04	1.66E+05	3.86E+04	1.88E+05	7.01E+04
2.35E+05	1.91E+05	1.44E+05	6.62E+07	5.44E+07	2.99E+07	1.30E+07	7.09E+07	4.41E+07
3.37E+03	5.34E+03	6.16E+03	8.75E+04	6.40E+04	6.73E+04	6.76E+04	1.07E+05	7.98E+04
1.84E+03	9.00E+00	9.00E+00	1.52E+04	3.16E+04	2.79E+04	1.72E+04	7.28E+04	9.00E+00
8.08E+03	2.18E+04	1.90E+04	1.26E+05	8.83E+04	8.68E+04	4.69E+04	6.65E+04	1.75E+05
1.11E+04	2.68E+04	1.71E+04	2.63E+05	2.38E+05	3.64E+06	1.62E+05	4.81E+05	2.86E+05
3.81E+04	9.00E+00	9.00E+00	6.33E+04	3.68E+04	5.34E+05	4.30E+04	7.41E+04	4.81E+04
1.09E+05	1.59E+05	1.53E+05	7.32E+05	6.27E+05	1.45E+07	1.08E+05	1.50E+06	5.54E+05
9.00E+00	1.35E+03	9.00E+00	6.75E+04	4.55E+04	6.45E+05	2.01E+04	1.89E+05	4.40E+04
9.00E+00	9.00E+00	9.00E+00	1.46E+05	9.35E+04	6.30E+04	2.26E+04	1.83E+05	1.16E+05
1.47E+03	9.00E+00	9.00E+00	1.16E+05	1.03E+05	4.47E+05	6.95E+04	4.76E+05	1.27E+05
9.00E+00	2.77E+03	1.39E+03	5.88E+04	2.92E+04	8.94E+04	2.14E+04	8.16E+04	3.20E+04
9.00E+00	9.00E+00	9.00E+00	1.32E+05	9.32E+04	6.08E+04	3.50E+04	1.59E+05	1.06E+05
2.89E+05	2.57E+05	3.15E+05	4.67E+05	4.04E+05	2.28E+06	4.38E+05	5.17E+05	4.14E+05
3.57E+04	1.06E+05	1.11E+05	2.00E+05	1.54E+05	1.57E+06	1.36E+05	2.13E+05	1.72E+05
2.38E+04	2.11E+04	2.10E+04	9.00E+00	9.00E+00	1.40E+05	9.00E+00	1.71E+04	9.00E+00
6.10E+04	6.73E+04	6.72E+04	2.87E+05	2.60E+05	2.64E+06	1.86E+05	5.07E+05	3.33E+05
9.00E+00	9.00E+00	1.46E+04	3.35E+05	2.69E+05	2.29E+06	1.72E+05	5.95E+05	3.72E+05
4.12E+03	9.00E+00	9.00E+00	9.11E+03	8.22E+03	3.26E+03	7.10E+03	7.09E+03	8.55E+03
3.38E+04	1.19E+04	3.73E+04	7.64E+04	7.75E+04	4.20E+05	8.63E+04	8.31E+04	6.39E+04
2.98E+04	8.50E+03	2.76E+04	4.94E+05	4.84E+05	3.19E+06	1.65E+05	8.90E+05	4.53E+05
1.26E+04	1.48E+04	1.61E+04	2.22E+05	2.10E+05	1.00E+06	5.91E+04	3.86E+05	2.42E+05
4.11E+03	9.00E+00	2.44E+03	4.56E+04	2.93E+04	4.11E+04	1.08E+04	5.17E+04	4.27E+04
9.00E+00	1.03E+03	2.96E+03	9.24E+04	5.72E+04	5.20E+04	1.71E+04	2.90E+04	8.28E+04
9.00E+00	1.57E+04	9.00E+00	7.28E+05	5.94E+05	1.97E+06	1.95E+05	1.40E+06	6.85E+05
9.00E+00	9.00E+00	9.00E+00	8.15E+04	8.86E+04	1.73E+05	2.49E+04	1.09E+05	7.24E+04
4.99E+03	6.43E+03	9.00E+00	1.66E+06	1.42E+06	2.19E+06	6.31E+05	3.06E+06	2.00E+06
9.00E+00	4.20E+03	4.63E+03	3.72E+05	3.66E+05	1.74E+05	1.79E+05	4.06E+05	4.91E+05
1.54E+03	1.02E+03	9.00E+00	1.45E+04	9.00E+00	9.00E+00	3.08E+03	1.60E+04	5.64E+03
9.00E+00	9.00E+00	9.00E+00	1.38E+05	1.34E+05	9.86E+05	8.60E+04	2.46E+05	1.17E+05
1.56E+04	4.70E+03	5.56E+03	9.66E+05	8.06E+05	5.36E+05	1.56E+05	9.96E+05	6.68E+05

3.76E+03	5.34E+03	4.61E+03	1.13E+06	1.24E+06	1.80E+06	8.35E+05	3.64E+06	1.67E+06
9.00E+00	9.00E+00	9.00E+00	1.03E+05	1.01E+05	1.24E+05	5.58E+04	2.50E+05	9.96E+04
4.14E+03	9.00E+00	1.09E+03	8.03E+04	1.29E+05	4.95E+04	2.65E+04	6.48E+04	5.85E+04
1.96E+03	9.00E+00	9.00E+00	1.44E+05	9.40E+04	1.77E+05	3.50E+04	3.39E+05	1.27E+05
9.00E+00	9.00E+00	9.00E+00	2.77E+04	4.15E+04	1.59E+05	4.56E+03	7.39E+04	1.55E+04
1.62E+04	9.10E+03	1.23E+04	9.54E+04	7.31E+04	3.54E+05	9.60E+04	1.95E+05	1.26E+05
9.00E+00	3.75E+03	4.63E+03	1.02E+05	7.35E+04	1.96E+05	6.39E+04	1.92E+05	9.00E+00
9.00E+00	9.00E+00	5.50E+02	6.39E+04	5.57E+04	2.24E+04	2.94E+04	8.37E+04	4.67E+04
3.54E+04	2.88E+04	1.93E+04	5.12E+05	3.82E+05	3.44E+06	1.25E+05	1.23E+06	5.61E+05
2.73E+03	9.00E+00	9.00E+00	6.92E+04	6.27E+04	3.67E+05	1.15E+04	1.40E+05	5.88E+04
2.49E+06	3.01E+06	3.07E+06	6.31E+06	4.76E+06	1.12E+08	3.21E+06	5.97E+06	4.64E+06
5.59E+05	4.40E+05	5.75E+05	3.72E+06	3.60E+06	1.27E+08	7.93E+05	5.95E+06	2.44E+06
9.00E+00	9.00E+00	9.90E+04	1.77E+05	8.08E+04	1.05E+06	1.44E+05	1.48E+05	2.20E+05
2.39E+06	3.18E+06	2.74E+06	4.44E+06	3.53E+06	3.44E+07	3.22E+06	4.06E+06	3.55E+06
2.57E+05	2.91E+05	3.33E+05	2.92E+06	2.96E+06	4.18E+07	8.39E+05	4.76E+06	2.54E+06
2.63E+04	2.45E+04	1.65E+04	2.47E+05	1.85E+05	7.77E+05	1.22E+05	3.30E+05	2.22E+05
2.05E+05	2.66E+05	2.35E+05	1.80E+06	1.61E+06	2.66E+06	9.74E+05	2.73E+06	1.93E+06
1.39E+06	1.28E+06	1.84E+06	4.32E+06	2.40E+06	3.63E+06	1.12E+06	4.24E+06	2.38E+06
9.00E+00	9.00E+00	9.00E+00	7.08E+03	7.84E+03	7.97E+03	3.08E+03	6.54E+03	7.87E+03
1.90E+05	1.77E+04	1.93E+05	2.47E+06	2.49E+06	5.11E+07	6.00E+05	4.20E+06	2.20E+06
1.67E+04	9.00E+00	9.00E+00	1.81E+05	1.65E+05	1.32E+06	5.69E+04	2.41E+05	1.89E+05
1.02E+05	3.35E+04	1.09E+05	3.03E+06	2.98E+06	2.81E+07	3.27E+05	6.61E+06	2.33E+06
1.57E+05	1.14E+05	9.42E+04	1.14E+07	1.36E+07	7.00E+07	1.50E+06	3.02E+07	1.22E+07
9.71E+03	7.49E+03	1.50E+04	9.42E+05	1.05E+06	6.19E+06	1.67E+05	2.32E+06	8.64E+05
9.00E+00	9.00E+00	9.00E+00	5.00E+04	3.74E+04	2.54E+05	6.02E+03	1.16E+05	1.42E+04
9.00E+00	9.00E+00	9.00E+00	1.45E+04	1.25E+04	4.92E+05	8.73E+03	7.10E+03	7.03E+03
1.97E+05	9.35E+04	1.41E+05	1.77E+07	1.54E+07	4.41E+07	3.00E+06	3.43E+07	1.79E+07
3.27E+04	4.12E+04	3.92E+04	1.77E+06	1.58E+06	1.97E+06	4.49E+05	3.38E+06	1.66E+06
9.00E+00	9.00E+00	2.49E+03	4.68E+05	4.56E+05	5.48E+05	5.34E+04	8.75E+05	3.55E+05
1.91E+03	2.65E+03	1.21E+03	1.33E+04	1.02E+04	1.51E+05	4.84E+03	1.09E+04	4.89E+03
9.00E+00	4.18E+03	7.20E+03	1.06E+06	9.19E+05	5.02E+05	1.14E+05	8.47E+05	1.09E+06
1.78E+05	1.55E+05	1.31E+05	6.08E+06	5.77E+06	4.39E+06	4.52E+05	6.39E+06	3.29E+06
2.03E+03	9.00E+00	1.03E+03	3.77E+05	3.52E+05	1.27E+06	1.23E+05	7.40E+05	3.39E+05
3.45E+04	3.53E+04	4.44E+04	5.05E+04	6.95E+04	1.72E+05	5.88E+04	2.75E+04	6.33E+04
9.00E+00	9.00E+00	2.24E+04	3.94E+05	2.91E+05	3.13E+06	1.82E+05	6.62E+05	2.55E+05
1.46E+03	9.00E+00	9.00E+00	9.91E+04	1.28E+04	1.82E+04	9.05E+03	5.49E+04	9.81E+04
1.59E+03	1.04E+03	9.00E+00	3.03E+05	2.62E+05	1.93E+05	4.18E+04	3.67E+05	2.73E+05
5.89E+04	5.99E+04	5.08E+04	2.00E+06	1.67E+06	7.58E+06	3.51E+05	4.19E+06	2.03E+06
1.06E+04	4.69E+03	2.48E+03	1.09E+06	1.15E+06	3.24E+06	2.10E+05	2.98E+06	1.10E+06
9.00E+00	9.00E+00	9.00E+00	8.79E+04	8.14E+04	1.07E+05	4.64E+03	1.17E+05	6.67E+04
1.10E+04	6.79E+03	2.54E+03	8.28E+05	6.72E+05	4.71E+05	1.74E+05	7.95E+05	6.07E+05
9.00E+00	9.00E+00	5.50E+02	3.04E+05	2.93E+05	1.44E+05	3.48E+05	5.02E+05	4.49E+05
7.10E+05	7.61E+05	6.91E+05	1.44E+06	1.30E+06	3.16E+06	1.19E+06	1.66E+06	1.27E+06
6.76E+05	8.09E+05	8.57E+05	4.53E+06	3.85E+06	6.54E+07	2.80E+06	7.64E+06	3.81E+06
1.30E+05	1.08E+05	1.47E+05	6.49E+06	4.66E+06	5.12E+07	5.08E+06	1.18E+07	4.79E+06
2.18E+04	1.91E+04	1.66E+04	1.82E+04	1.30E+04	3.68E+04	1.99E+04	1.55E+04	1.81E+04
6.52E+04	6.18E+04	7.66E+04	6.90E+04	6.50E+04	3.67E+05	5.39E+04	8.15E+04	5.92E+04
9.00E+00	9.00E+00	1.29E+03	7.07E+05	6.16E+05	1.69E+06	7.18E+05	2.21E+06	7.34E+05
8.39E+03	6.00E+03	7.11E+03	1.15E+04	1.31E+04	1.14E+04	1.44E+04	1.35E+04	8.52E+03
1.35E+05	1.26E+05	9.00E+00	5.00E+06	3.32E+06	3.14E+06	5.74E+05	4.95E+06	2.79E+06
3.44E+05	2.40E+05	2.91E+05	2.99E+07	2.44E+07	8.04E+07	4.70E+06	4.91E+07	2.51E+07
3.65E+05	2.61E+05	2.61E+05	8.34E+07	5.85E+07	1.13E+08	2.94E+07	1.47E+08	6.75E+07
9.00E+00	9.00E+00	7.20E+03	5.59E+05	3.98E+05	2.08E+06	8.17E+04	7.61E+05	4.83E+05
7.08E+04	4.91E+04	3.92E+04	2.44E+06	1.62E+06	1.05E+07	5.92E+05	3.15E+06	1.94E+06

3.21E+04	1.07E+04	2.75E+04	2.88E+06	2.03E+06	3.00E+06	6.70E+05	3.46E+06	2.61E+06
4.87E+05	4.01E+05	4.12E+05	1.57E+07	1.29E+07	1.18E+07	6.82E+06	2.77E+07	1.54E+07
7.35E+03	1.12E+04	1.01E+04	1.10E+04	1.32E+04	1.30E+05	3.83E+04	2.08E+04	2.77E+04
9.00E+00	5.59E+03	9.00E+00	6.39E+04	6.42E+04	2.99E+05	3.29E+04	5.95E+04	6.85E+04
9.00E+00	9.00E+00	9.00E+00	4.55E+04	1.59E+05	1.91E+05	5.16E+04	2.98E+05	2.60E+05
5.33E+04	2.94E+04	1.88E+04	1.04E+06	7.66E+05	1.03E+06	3.66E+05	1.77E+06	1.06E+06
2.37E+04	9.00E+00	2.16E+04	3.41E+06	2.66E+06	1.96E+06	6.50E+05	5.57E+06	2.53E+06
1.44E+06	1.26E+06	1.32E+06	5.04E+07	4.05E+07	2.53E+07	6.06E+06	4.10E+07	2.70E+07
9.00E+00	9.00E+00	2.29E+03	3.02E+04	2.59E+04	1.25E+05	2.44E+04	2.46E+04	3.26E+04
9.00E+00	9.00E+00	9.00E+00	2.84E+04	2.81E+04	2.49E+04	7.73E+03	2.29E+04	3.12E+04
9.00E+00	6.16E+03	1.90E+03	4.51E+04	3.16E+04	1.78E+05	3.72E+04	9.69E+04	6.24E+04
1.43E+05	8.27E+04	6.62E+04	3.13E+07	3.06E+07	3.94E+07	1.80E+07	8.25E+07	3.91E+07
4.17E+04	2.35E+04	2.74E+04	7.13E+06	5.88E+06	1.08E+07	3.37E+06	2.00E+07	7.11E+06
6.70E+03	2.50E+03	3.58E+03	5.24E+05	4.46E+05	7.37E+05	1.62E+05	1.32E+06	4.81E+05
6.40E+04	4.06E+04	5.45E+04	2.80E+07	2.52E+07	1.38E+07	1.87E+07	3.96E+07	2.81E+07
2.84E+04	1.90E+04	1.74E+04	7.99E+06	6.97E+06	4.67E+06	2.08E+06	1.36E+07	5.15E+06
2.34E+05	2.07E+05	1.89E+05	6.58E+07	5.74E+07	3.44E+07	1.57E+07	8.72E+07	3.61E+07
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.04E+04	1.14E+05	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	2.72E+03	2.00E+04	4.03E+03	2.97E+04	9.44E+03	3.40E+04	2.93E+04
9.00E+00	9.00E+00	9.00E+00	6.29E+05	5.77E+05	3.27E+05	7.81E+05	9.41E+05	8.63E+05
2.27E+04	1.30E+04	1.86E+04	1.29E+05	9.69E+04	1.36E+06	8.11E+04	1.35E+05	1.14E+05
9.00E+00	9.00E+00	9.00E+00	2.56E+05	1.42E+05	1.84E+05	8.34E+04	3.14E+05	2.60E+05
8.05E+04	6.53E+04	7.47E+04	1.20E+07	9.58E+06	4.02E+07	8.83E+06	2.89E+07	1.09E+07
3.34E+03	2.51E+03	9.00E+00	8.68E+05	6.08E+05	3.81E+05	1.75E+05	1.85E+05	6.12E+05
1.62E+05	1.29E+05	1.25E+05	2.08E+07	1.52E+07	1.13E+07	5.03E+06	2.49E+07	1.31E+07
9.00E+00	9.00E+00	9.00E+00	2.78E+05	2.07E+05	6.95E+04	1.00E+05	4.52E+05	2.12E+05
1.26E+04	1.45E+04	1.33E+04	1.50E+06	5.34E+05	4.07E+05	8.84E+05	1.58E+06	3.15E+05
4.59E+04	4.77E+04	5.85E+04	7.92E+05	8.62E+05	3.32E+05	6.49E+05	1.05E+06	1.06E+06
9.32E+03	7.19E+03	6.21E+03	3.47E+04	5.33E+04	2.51E+04	3.09E+04	6.84E+04	6.12E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.36E+05	9.00E+00	9.00E+00	4.53E+05	9.00E+00
9.00E+00	9.00E+00	1.53E+04	3.79E+05	2.11E+05	9.35E+04	1.25E+05	4.02E+05	2.41E+05
5.07E+05	4.97E+05	5.38E+05	3.29E+06	2.23E+06	2.10E+06	1.27E+06	3.26E+06	2.29E+06
9.00E+00	9.00E+00	9.00E+00	1.44E+04	1.06E+04	4.03E+04	1.68E+04	1.26E+04	1.52E+04
9.00E+00	9.00E+00	3.46E+03	1.70E+04	4.21E+04	1.34E+05	2.85E+03	6.13E+04	2.27E+04
2.59E+04	3.79E+04	9.31E+03	1.92E+05	1.65E+05	1.09E+06	8.18E+04	4.14E+05	2.01E+05
1.72E+05	7.04E+04	1.51E+05	5.16E+06	5.58E+06	4.33E+07	1.35E+06	1.12E+07	6.11E+06
9.46E+04	3.54E+04	6.04E+04	2.34E+06	2.79E+06	1.97E+07	1.40E+05	7.13E+06	1.99E+06
5.18E+03	9.00E+00	9.00E+00	1.44E+05	1.72E+05	1.14E+06	1.97E+04	5.18E+05	1.34E+05
4.39E+03	1.43E+03	9.00E+00	3.24E+05	2.21E+05	2.81E+05	6.81E+04	3.63E+05	1.97E+05
7.62E+03	9.12E+03	1.52E+04	2.31E+06	2.14E+06	1.48E+06	3.57E+05	2.44E+06	1.17E+06
9.00E+00	9.00E+00	9.00E+00	3.73E+05	3.34E+05	2.49E+05	4.21E+04	6.58E+05	3.27E+05
4.30E+04	2.68E+04	4.09E+04	1.06E+07	1.01E+07	6.20E+06	3.62E+06	1.66E+07	8.13E+06
9.00E+00	1.98E+03	3.27E+03	8.44E+04	7.29E+04	2.02E+05	2.47E+04	2.93E+05	1.15E+05
9.00E+00	9.00E+00	9.00E+00	2.43E+05	1.41E+05	1.06E+05	3.80E+04	2.93E+05	1.16E+05
2.64E+04	9.00E+00	9.00E+00	3.44E+05	3.49E+05	2.16E+06	5.79E+04	7.25E+05	3.95E+05
6.59E+03	4.29E+03	2.69E+03	1.83E+05	1.87E+05	6.87E+05	2.01E+04	5.04E+05	1.82E+05
9.00E+00	9.00E+00	9.00E+00	1.04E+05	7.27E+04	1.73E+05	6.43E+04	2.54E+05	1.19E+05
5.07E+02	9.00E+00	9.00E+00	6.42E+05	5.01E+05	3.29E+05	1.86E+05	6.64E+05	5.54E+05
8.49E+04	7.22E+04	7.98E+04	2.36E+06	1.80E+06	1.10E+07	5.30E+05	3.42E+06	1.89E+06
9.00E+00	9.00E+00	9.00E+00	2.21E+05	1.65E+05	3.67E+05	5.15E+04	5.15E+05	2.35E+05
9.00E+00	9.00E+00	9.00E+00	4.86E+04	4.03E+04	2.06E+05	3.56E+04	8.80E+04	4.04E+04
2.35E+05	1.05E+05	1.57E+05	1.12E+07	1.03E+07	5.67E+07	1.32E+06	2.60E+07	1.09E+07
7.42E+04	4.46E+04	3.81E+04	1.67E+07	1.67E+07	2.47E+07	8.83E+06	4.27E+07	1.99E+07
5.99E+04	2.65E+04	3.62E+04	9.11E+06	7.95E+06	1.52E+07	4.25E+06	2.51E+07	9.63E+06

9.00E+00	9.00E+00	9.00E+00	6.62E+05	6.12E+05	1.03E+06	1.54E+05	1.25E+06	7.90E+05
2.57E+04	1.18E+04	2.55E+04	6.53E+05	4.38E+05	3.85E+05	5.22E+04	6.94E+05	3.03E+05
9.00E+00	9.00E+00	9.00E+00	1.12E+05	1.02E+05	5.17E+05	1.04E+05	1.61E+05	1.54E+05
9.00E+00	2.07E+03	9.00E+00	2.72E+04	4.67E+04	1.12E+05	5.71E+03	5.91E+04	1.12E+04
1.45E+04	8.69E+03	9.00E+00	1.17E+06	9.83E+05	8.34E+05	5.16E+04	1.48E+06	7.42E+05
1.18E+05	5.78E+04	7.39E+04	1.48E+07	1.41E+07	2.78E+07	2.14E+06	4.61E+07	1.69E+07
9.00E+00	1.01E+03	9.00E+00	2.20E+05	1.98E+05	2.29E+05	1.17E+05	4.13E+05	3.25E+05
1.97E+04	8.95E+03	1.47E+04	6.44E+06	6.32E+06	3.29E+06	1.04E+06	9.50E+06	4.24E+06
9.00E+00	9.00E+00	9.00E+00	3.57E+05	2.51E+05	9.47E+04	1.87E+05	4.07E+05	2.41E+05
1.38E+03	9.00E+00	9.00E+00	4.55E+05	3.06E+05	1.43E+05	2.46E+05	6.02E+05	2.65E+05
5.63E+03	9.79E+02	1.93E+03	5.83E+04	2.85E+04	2.83E+04	2.24E+04	1.03E+05	3.24E+04
9.00E+00	9.00E+00	9.00E+00	1.57E+04	1.18E+04	9.22E+04	2.91E+03	1.61E+04	8.97E+03
5.36E+04	6.65E+04	5.89E+04	1.19E+05	1.24E+05	7.40E+04	1.10E+05	1.18E+05	1.07E+05
9.00E+00	9.00E+00	9.00E+00	8.71E+04	5.71E+04	4.51E+05	1.35E+04	1.02E+05	8.46E+04
9.00E+00	9.00E+00	9.00E+00	6.48E+05	5.77E+05	1.62E+06	4.15E+05	1.16E+06	8.28E+05
6.92E+03	8.02E+03	5.36E+03	1.42E+06	1.36E+06	3.41E+06	1.28E+06	3.83E+06	2.15E+06
9.00E+00	9.00E+00	9.00E+00	2.87E+04	1.10E+04	4.99E+04	7.83E+03	1.54E+04	1.23E+04
9.00E+00	9.00E+00	1.16E+03	1.02E+04	5.53E+04	1.34E+04	2.80E+03	9.67E+03	3.15E+04
9.00E+00	9.00E+00	9.00E+00	9.39E+04	3.85E+04	2.41E+05	3.19E+04	3.68E+05	1.29E+05
4.93E+03	7.87E+03	9.88E+03	6.70E+05	5.62E+05	3.88E+05	2.12E+05	6.32E+05	5.54E+05
9.00E+00	2.68E+03	9.00E+00	2.34E+05	1.56E+05	2.63E+05	1.82E+05	5.26E+05	2.75E+05
2.05E+03	2.12E+03	3.04E+03	1.48E+06	1.20E+06	7.23E+05	5.93E+05	1.47E+06	1.13E+06
9.00E+00	9.00E+00	9.99E+02	7.66E+04	7.62E+04	1.06E+05	3.63E+04	2.35E+05	9.48E+04
9.00E+00	9.00E+00	9.00E+00	3.80E+04	2.98E+04	1.01E+05	9.18E+03	1.30E+05	4.41E+04
9.00E+00	2.56E+03	9.00E+00	7.40E+05	6.55E+05	3.28E+05	1.68E+05	5.60E+05	6.35E+05
2.77E+04	1.21E+04	1.95E+04	2.52E+06	2.12E+06	7.11E+06	1.14E+06	5.79E+06	2.78E+06
1.26E+04	1.07E+03	1.32E+04	1.28E+06	1.18E+06	2.36E+06	4.96E+05	4.19E+06	1.78E+06
9.00E+00	9.00E+00	9.00E+00	1.13E+04	1.23E+04	1.12E+05	5.61E+03	5.76E+04	2.63E+04
9.00E+00	9.00E+00	9.00E+00	4.95E+05	3.70E+05	1.63E+06	1.65E+05	1.37E+06	4.89E+05
2.60E+03	5.19E+02	9.00E+00	2.70E+05	1.90E+05	1.98E+05	7.92E+04	2.86E+05	1.64E+05
9.00E+00	9.00E+00	1.03E+03	9.02E+05	9.08E+05	1.04E+06	6.04E+05	3.00E+06	1.26E+06
9.00E+00	9.00E+00	9.00E+00	1.75E+05	1.52E+05	1.52E+05	7.67E+04	3.73E+05	1.58E+05
9.00E+00	9.00E+00	1.48E+03	4.95E+05	3.52E+05	2.30E+05	9.76E+04	6.30E+05	3.36E+05
9.00E+00	9.00E+00	2.48E+03	4.37E+04	2.68E+04	5.35E+04	6.49E+03	9.95E+04	9.89E+04
1.10E+03	2.12E+03	9.00E+00	2.38E+04	3.31E+04	1.15E+04	1.36E+04	5.25E+04	1.79E+04
1.71E+05	1.38E+05	1.56E+05	5.51E+06	4.21E+06	4.01E+07	3.89E+06	1.18E+07	4.89E+06
2.13E+04	1.15E+04	2.29E+04	5.29E+05	2.55E+05	3.28E+05	1.36E+05	5.35E+05	3.88E+05
2.22E+04	9.00E+00	9.00E+00	2.44E+06	2.02E+06	3.02E+06	1.40E+06	4.51E+06	2.76E+06
1.10E+04	1.99E+04	2.32E+04	1.40E+06	1.26E+06	5.13E+06	6.35E+05	2.44E+06	1.63E+06
4.75E+05	4.48E+05	4.19E+05	6.16E+05	5.74E+05	5.33E+05	6.52E+05	6.35E+05	5.44E+05
2.12E+05	1.98E+05	2.29E+05	1.13E+06	8.82E+05	9.09E+06	1.05E+06	1.39E+06	8.77E+05
1.28E+04	6.82E+03	1.91E+04	1.91E+05	1.83E+05	1.61E+05	7.60E+04	3.72E+05	1.55E+05
1.62E+05	9.97E+04	1.30E+05	4.70E+06	3.47E+06	3.07E+07	3.35E+06	9.21E+06	3.58E+06
7.98E+04	7.26E+04	5.19E+04	1.11E+07	9.30E+06	3.51E+07	9.36E+06	2.50E+07	1.10E+07
9.00E+00	9.00E+00	9.00E+00	2.74E+04	1.71E+04	1.74E+05	1.75E+04	4.73E+04	1.92E+04
7.51E+03	7.15E+03	6.42E+03	1.52E+04	1.68E+04	9.89E+04	1.91E+04	1.16E+04	1.88E+04
2.04E+04	1.08E+04	5.00E+03	8.55E+04	6.32E+04	6.31E+05	9.78E+04	2.00E+05	1.20E+05
9.00E+00	9.00E+00	9.00E+00	4.04E+05	4.45E+05	5.23E+05	3.04E+05	8.46E+05	3.91E+05
1.83E+05	2.20E+05	1.78E+05	3.37E+06	3.22E+06	1.98E+06	2.09E+06	6.11E+06	4.05E+06
9.00E+00	9.00E+00	9.00E+00	5.94E+04	3.20E+04	4.80E+04	5.70E+04	6.70E+04	5.52E+04
9.00E+00	9.00E+00	9.00E+00	2.42E+05	3.78E+04	1.72E+05	1.68E+05	3.48E+05	2.13E+05
1.87E+05	1.48E+05	1.24E+05	2.27E+06	1.76E+06	1.67E+06	7.64E+05	3.16E+06	1.45E+06
9.00E+00	9.00E+00	9.00E+00	1.09E+05	6.03E+04	5.99E+05	7.32E+04	1.00E+05	7.78E+04
8.35E+03	8.81E+02	9.00E+00	1.14E+06	9.00E+05	1.34E+06	2.47E+05	2.44E+06	1.26E+06

1.04E+05	8.36E+04	7.38E+04	1.05E+07	2.60E+06	5.57E+06	1.30E+06	1.94E+07	1.41E+07
1.88E+04	5.03E+03	5.98E+03	1.80E+04	3.18E+04	1.54E+04	1.84E+04	2.51E+04	1.21E+04
1.10E+05	6.49E+04	1.12E+05	2.15E+07	1.46E+07	1.17E+07	5.44E+06	2.48E+07	1.23E+07
9.00E+00	9.00E+00	9.00E+00	1.74E+06	1.34E+06	1.63E+06	1.25E+06	3.80E+06	2.16E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.29E+03	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	3.65E+03	1.31E+03	6.71E+03	5.46E+03	3.29E+03	4.71E+03
3.98E+04	4.61E+04	3.93E+04	7.31E+05	7.09E+05	5.04E+05	5.21E+05	1.87E+06	9.19E+05
9.00E+00	9.00E+00	9.00E+00	4.67E+04	5.31E+04	2.12E+04	1.43E+04	4.27E+04	2.06E+04
1.46E+03	9.00E+00	9.85E+02	6.15E+04	5.23E+04	6.14E+04	4.08E+04	1.48E+05	9.00E+04
2.31E+04	1.97E+04	1.51E+04	1.25E+06	6.82E+05	3.52E+05	2.65E+05	1.39E+06	6.78E+05
9.00E+00	9.00E+00	9.00E+00	1.45E+04	7.97E+03	4.20E+04	1.79E+04	9.27E+03	1.23E+04
2.41E+03	9.00E+00	9.52E+02	1.04E+06	8.07E+05	4.98E+05	2.14E+05	1.59E+06	5.88E+05
1.59E+03	9.00E+00	9.00E+00	1.55E+05	1.56E+05	1.79E+05	5.25E+04	4.43E+05	2.03E+05
1.20E+05	1.07E+05	9.80E+04	5.22E+06	7.24E+06	5.78E+06	2.26E+06	1.81E+07	7.87E+06
9.88E+04	3.18E+04	1.05E+05	8.55E+06	7.85E+06	3.84E+07	2.54E+06	2.61E+07	9.09E+06
8.40E+04	3.19E+04	3.92E+04	1.15E+07	8.82E+06	2.74E+07	4.90E+06	2.88E+07	1.23E+07
9.00E+00	9.00E+00	9.00E+00	4.23E+05	3.59E+05	2.55E+06	1.02E+05	1.15E+06	3.79E+05
1.55E+04	1.41E+04	1.17E+04	1.14E+06	8.24E+05	5.95E+06	1.45E+05	2.48E+06	6.30E+05
9.00E+00	9.00E+00	9.00E+00	1.25E+04	1.16E+04	5.12E+04	3.95E+04	2.16E+04	3.07E+04
9.00E+00	9.00E+00	9.00E+00	2.19E+05	1.40E+05	5.73E+05	1.62E+05	3.17E+05	2.35E+05
2.00E+03	1.71E+03	2.67E+03	3.45E+05	2.53E+05	2.58E+05	7.25E+04	4.67E+05	3.96E+05
4.40E+04	2.76E+04	3.25E+04	4.38E+06	2.85E+06	2.51E+06	8.07E+05	4.85E+06	2.87E+06
9.00E+00	9.00E+00	9.00E+00	2.03E+04	2.89E+04	1.58E+04	1.30E+04	4.08E+04	2.34E+04
2.42E+04	1.70E+04	3.38E+04	5.55E+06	5.28E+06	1.06E+07	5.21E+06	1.64E+07	8.14E+06
4.46E+04	1.85E+04	3.10E+04	5.85E+06	4.97E+06	6.09E+06	3.77E+06	1.54E+07	6.26E+06
9.00E+00	9.67E+02	9.00E+00	5.66E+05	3.53E+05	4.23E+05	2.24E+05	1.45E+06	4.17E+05
9.00E+00	9.00E+00	9.94E+02	3.75E+04	5.57E+04	7.60E+04	2.53E+04	1.96E+05	8.49E+04
9.00E+00	9.00E+00	9.00E+00	4.46E+05	3.46E+05	2.34E+06	4.68E+05	6.62E+05	4.50E+05
1.15E+04	9.00E+00	9.00E+00	2.35E+06	1.77E+06	4.72E+06	1.11E+06	4.86E+06	2.20E+06
1.66E+04	9.04E+03	1.60E+04	3.34E+06	2.36E+06	3.53E+06	2.37E+06	6.60E+06	3.29E+06
4.63E+04	2.86E+04	3.46E+04	1.05E+07	1.14E+07	5.48E+06	1.22E+07	2.21E+07	1.60E+07
9.00E+00	9.00E+00	9.00E+00	8.30E+04	6.57E+04	6.74E+04	9.83E+04	7.81E+04	1.14E+05
9.00E+00	9.00E+00	9.00E+00	4.49E+04	2.37E+04	3.71E+04	2.71E+04	8.13E+04	6.83E+04
6.87E+03	4.59E+03	8.51E+03	5.98E+05	4.00E+05	5.06E+05	1.99E+05	9.79E+05	5.41E+05
1.98E+03	9.00E+00	9.00E+00	5.23E+05	3.40E+05	2.91E+05	3.23E+05	1.09E+06	6.32E+05
9.00E+00	9.00E+00	9.00E+00	2.09E+06	1.43E+06	6.84E+05	5.56E+05	3.94E+06	1.19E+06
9.72E+04	1.45E+05	8.68E+04	2.86E+07	2.09E+07	1.25E+07	7.18E+06	3.79E+07	1.62E+07
9.00E+00	9.00E+00	9.00E+00	1.84E+04	1.76E+04	1.48E+04	1.50E+04	2.43E+04	1.75E+04
3.91E+03	2.48E+03	1.43E+03	1.93E+06	1.41E+06	8.93E+05	1.63E+06	4.48E+06	1.68E+06
9.00E+00	9.00E+00	9.85E+02	7.89E+04	2.78E+04	2.26E+04	1.92E+04	2.15E+04	3.36E+04
9.00E+00	9.00E+00	9.00E+00	4.82E+04	3.86E+04	9.63E+04	1.82E+04	1.05E+05	6.85E+04
9.00E+00	9.00E+00	9.96E+02	2.32E+05	2.05E+05	7.96E+04	1.49E+04	2.52E+05	6.66E+04
9.03E+02	1.28E+03	7.65E+02	2.65E+04	1.88E+04	8.78E+04	1.03E+04	3.41E+04	1.31E+04
9.00E+00	9.00E+00	9.00E+00	3.47E+04	1.35E+04	5.71E+04	9.72E+03	4.81E+04	2.74E+04
9.00E+00	3.50E+03	9.00E+00	2.72E+04	1.89E+04	1.12E+05	2.61E+04	2.26E+04	3.12E+04
2.47E+03	3.18E+03	4.54E+03	4.45E+05	2.80E+05	3.07E+05	1.23E+05	4.44E+05	2.79E+05
6.21E+04	1.69E+04	3.65E+04	3.75E+06	2.58E+06	2.78E+06	1.59E+06	1.23E+07	3.90E+06
9.00E+00	9.00E+00	9.00E+00	1.47E+05	1.19E+05	8.79E+04	8.54E+04	3.43E+05	1.37E+05
5.33E+02	9.00E+00	9.00E+00	4.47E+05	2.71E+05	2.24E+05	1.16E+05	6.46E+05	3.48E+05
9.00E+00	9.00E+00	9.00E+00	1.67E+05	1.28E+05	7.37E+04	3.86E+04	1.77E+05	1.29E+05
3.07E+03	1.06E+04	8.63E+03	4.31E+04	3.88E+04	2.74E+04	2.15E+04	4.14E+04	3.71E+04
4.53E+04	6.05E+04	5.66E+04	9.35E+05	8.60E+05	5.91E+05	7.03E+05	1.35E+06	1.07E+06
1.68E+04	1.22E+04	7.33E+03	2.67E+05	2.48E+05	1.35E+05	1.56E+05	2.87E+05	3.10E+05
9.00E+00	9.00E+00	1.10E+03	9.07E+04	6.09E+04	3.42E+05	6.09E+04	1.15E+05	1.21E+05

3.28E+03	9.00E+00	9.00E+00	9.94E+04	9.00E+00	4.71E+04	9.00E+00	6.33E+04	4.22E+04
9.00E+00	9.00E+00	9.00E+00	4.11E+04	2.90E+04	1.21E+05	3.89E+04	4.75E+04	5.72E+04
2.37E+04	4.83E+04	3.08E+04	2.75E+06	2.45E+06	2.74E+06	2.93E+06	8.85E+06	3.70E+06
9.00E+00	9.00E+00	3.80E+03	9.80E+05	6.63E+05	1.54E+06	6.13E+05	2.58E+06	1.13E+06
9.00E+00	9.00E+00	9.00E+00	2.94E+06	2.01E+06	2.26E+06	1.82E+06	6.65E+06	4.14E+06
9.00E+00	9.00E+00	9.00E+00	1.29E+05	1.04E+05	2.01E+05	1.44E+05	2.35E+05	1.67E+05
9.00E+00	9.00E+00	9.00E+00	2.73E+05	1.77E+05	1.08E+05	3.00E+05	5.67E+05	3.27E+05
1.99E+04	2.14E+04	8.67E+03	9.45E+06	7.28E+06	4.12E+06	4.50E+06	1.84E+07	7.72E+06
9.00E+00	1.51E+03	3.04E+03	8.14E+04	7.00E+04	2.27E+04	6.51E+04	2.08E+05	1.25E+05
9.00E+00	1.41E+03	1.39E+03	7.39E+05	6.08E+05	2.31E+05	3.58E+05	1.32E+06	5.85E+05
9.00E+00	9.00E+00	9.00E+00	4.84E+04	5.40E+04	8.05E+03	2.32E+04	8.29E+04	1.79E+04
1.52E+04	3.37E+03	7.71E+03	8.38E+05	9.29E+05	3.61E+05	1.26E+06	1.64E+06	9.87E+05
9.00E+00	9.00E+00	9.00E+00	1.76E+05	1.30E+05	5.16E+04	1.12E+05	2.16E+05	1.00E+05
1.06E+04	6.60E+03	2.35E+03	2.46E+06	1.87E+06	7.59E+05	8.58E+05	2.23E+06	1.38E+06
9.00E+00	9.00E+00	9.00E+00	3.32E+05	1.60E+05	1.23E+05	1.19E+05	4.00E+05	2.23E+05
6.32E+04	6.78E+04	4.45E+04	1.92E+06	2.35E+06	7.65E+05	2.04E+06	2.76E+06	2.70E+06
9.00E+00	9.00E+00	9.00E+00	4.54E+04	2.45E+04	2.40E+04	2.61E+04	3.39E+04	3.62E+04
1.73E+04	4.63E+03	2.57E+03	3.16E+06	2.38E+06	1.21E+06	1.56E+06	5.62E+06	2.33E+06
5.11E+03	1.55E+03	6.20E+03	4.35E+05	2.75E+05	2.00E+05	1.25E+05	4.31E+05	2.11E+05
3.65E+03	8.94E+02	6.86E+03	3.08E+05	2.23E+05	8.88E+04	9.49E+04	2.30E+05	1.46E+05
2.75E+04	3.03E+04	2.09E+04	1.55E+06	1.22E+06	7.76E+05	4.00E+05	1.07E+06	6.30E+05
5.37E+04	5.05E+04	4.41E+04	3.74E+06	1.74E+06	1.68E+06	5.05E+05	1.68E+06	1.07E+06
9.00E+00	9.00E+00	9.00E+00	4.41E+05	4.23E+05	1.47E+05	1.66E+05	5.20E+05	3.03E+05
9.00E+00	1.77E+03	9.00E+00	9.12E+04	3.82E+04	3.64E+04	3.06E+04	9.03E+04	4.92E+04
3.23E+03	2.77E+03	4.58E+03	5.40E+05	4.87E+05	1.52E+06	1.90E+05	1.45E+06	6.82E+05
4.88E+03	5.09E+02	3.04E+03	3.87E+05	2.83E+05	6.64E+05	3.30E+05	1.35E+06	4.38E+05
6.46E+03	1.09E+03	3.68E+03	6.13E+04	4.95E+04	3.73E+04	5.00E+04	4.26E+04	5.62E+04
9.00E+00	9.00E+00	9.00E+00	2.35E+06	1.42E+06	9.00E+00	9.00E+00	9.00E+00	9.00E+00
9.00E+00	9.00E+00	9.00E+00	4.23E+05	2.69E+05	3.12E+05	1.65E+05	9.10E+05	4.09E+05
4.86E+03	9.00E+00	9.00E+00	1.21E+05	5.80E+04	4.19E+04	1.79E+04	1.31E+05	7.98E+04
9.00E+00	9.00E+00	9.00E+00	4.81E+05	3.79E+05	1.65E+06	3.97E+05	7.80E+05	4.27E+05
2.12E+03	9.00E+00	9.00E+00	1.71E+05	1.20E+05	1.36E+05	7.60E+04	3.19E+05	1.72E+05
1.51E+04	1.75E+04	2.22E+04	1.56E+06	9.86E+05	8.79E+05	3.53E+05	1.71E+06	9.29E+05
3.84E+03	9.00E+00	9.00E+00	3.83E+05	3.33E+05	1.66E+05	2.33E+05	8.88E+05	4.51E+05
9.00E+00	2.99E+03	9.00E+00	7.38E+03	6.59E+03	3.38E+04	1.24E+04	7.63E+03	8.37E+03
9.00E+00	9.00E+00	9.00E+00	3.56E+04	1.94E+04	1.01E+04	1.99E+04	3.55E+04	1.61E+04
9.00E+00	9.00E+00	9.00E+00	5.42E+03	8.12E+03	2.58E+04	1.22E+04	5.43E+03	1.08E+04
9.00E+00	9.00E+00	9.00E+00	2.13E+04	2.41E+04	8.03E+04	4.87E+04	2.37E+04	3.87E+04
1.16E+05	9.35E+04	1.04E+05	5.92E+04	7.61E+04	7.63E+04	7.51E+04	8.81E+04	9.66E+04
3.10E+04	2.67E+04	2.04E+04	1.95E+04	1.95E+04	1.35E+05	3.13E+04	3.37E+04	2.45E+04
1.41E+04	1.30E+04	5.83E+03	2.73E+04	3.02E+04	5.00E+05	3.75E+04	2.89E+04	1.80E+04
9.00E+00	9.00E+00	9.00E+00	6.11E+04	5.72E+04	3.07E+05	6.88E+04	1.26E+05	6.69E+04
4.62E+04	3.61E+04	6.66E+04	9.82E+04	7.91E+04	1.28E+06	7.89E+04	1.03E+05	4.76E+04
1.06E+04	8.43E+03	2.78E+04	5.75E+04	5.67E+04	5.46E+06	2.73E+04	5.12E+04	3.93E+04
2.02E+04	9.10E+03	1.07E+04	1.64E+05	1.74E+05	1.39E+06	1.52E+05	1.47E+05	1.38E+05
9.00E+00	9.00E+00	9.00E+00	2.33E+05	1.99E+05	8.91E+05	3.41E+05	3.08E+05	3.23E+05
5.76E+03	9.00E+00	3.99E+03	1.85E+04	2.81E+04	1.70E+06	6.22E+03	5.43E+04	1.38E+04
1.33E+03	3.13E+03	1.33E+03	8.37E+04	9.82E+04	4.49E+05	1.03E+05	1.91E+05	8.75E+04
2.31E+03	2.25E+03	4.28E+03	2.33E+05	2.85E+05	1.79E+05	2.99E+05	3.61E+05	4.25E+05
9.00E+00	3.60E+03	9.00E+00	8.65E+04	9.91E+04	2.59E+04	4.92E+04	4.87E+04	1.59E+05
9.00E+00	9.00E+00	9.00E+00	2.09E+04	9.44E+03	7.89E+03	4.41E+03	1.20E+04	1.32E+04
5.50E+03	5.60E+03	5.47E+03	4.27E+04	2.39E+04	4.30E+04	3.35E+04	2.52E+04	4.46E+04
1.41E+05	5.43E+04	9.00E+00	7.57E+06	2.94E+06	1.42E+06	1.88E+06	2.02E+06	2.89E+06
3.02E+04	2.01E+04	1.69E+04	2.15E+06	1.06E+06	1.86E+06	2.75E+06	2.13E+05	6.36E+05

9.00E+00	9.00E+00	9.00E+00	4.98E+03	6.05E+03	8.02E+03	5.87E+03	5.15E+03	5.38E+03
9.00E+00	9.00E+00	9.00E+00	6.45E+06	3.51E+06	5.06E+06	1.26E+06	2.89E+06	2.11E+06
9.00E+00	9.00E+00	9.00E+00	5.76E+04	7.90E+04	1.08E+05	4.42E+04	7.40E+04	5.93E+04
8.54E+04	7.61E+04	1.36E+04	4.98E+04	4.44E+04	4.81E+04	3.97E+04	7.23E+04	5.52E+04

er

MRL/mpj								
C1	C2	C3	C4	C5	C6	QC01	QC02	QC03
1.39E+04	1.02E+04	2.06E+04	2.82E+04	2.04E+04	9.24E+03	1.58E+04	1.27E+04	1.17E+04
3.82E+04	3.55E+04	9.13E+04	9.13E+04	6.37E+04	5.12E+04	8.48E+04	8.42E+04	7.96E+04
6.23E+03	6.94E+03	9.62E+03	8.03E+03	7.51E+03	7.79E+03	1.58E+04	1.57E+04	1.26E+04
4.26E+03	4.09E+03	3.21E+03	5.25E+03	3.57E+03	4.79E+03	3.05E+03	3.74E+03	3.24E+03
1.06E+04	1.51E+04	1.93E+04	1.93E+04	1.87E+04	1.68E+04	4.50E+04	4.32E+04	4.44E+04
3.39E+04	3.71E+04	8.16E+04	5.98E+04	3.42E+04	5.97E+04	4.76E+04	5.22E+04	5.10E+04
2.15E+05	1.92E+05	2.07E+05	1.98E+05	1.81E+05	3.04E+05	1.50E+05	1.55E+05	1.64E+05
4.76E+03	4.32E+03	1.15E+04	8.58E+03	7.57E+03	7.15E+03	9.21E+03	7.91E+03	8.29E+03
3.10E+04	3.09E+04	3.48E+04	4.34E+04	3.93E+04	3.55E+04	2.37E+04	2.34E+04	2.04E+04
1.35E+05	1.77E+05	1.75E+05	1.49E+05	1.56E+05	1.34E+05	1.55E+05	1.63E+05	1.50E+05
2.58E+04	1.89E+04	2.45E+04	2.46E+04	1.76E+04	2.45E+04	9.66E+03	1.07E+04	1.15E+04
2.79E+04	3.12E+04	5.06E+04	4.95E+04	2.71E+04	3.55E+04	4.21E+04	4.10E+04	4.23E+04
1.77E+04	1.60E+04	2.90E+04	2.66E+04	2.66E+04	1.05E+04	1.54E+04	1.54E+04	1.70E+04
5.32E+04	5.32E+04	7.67E+04	6.03E+04	4.48E+04	5.20E+04	9.89E+04	7.73E+04	6.18E+04
3.24E+04	3.25E+04	2.12E+04	4.64E+04	4.06E+04	2.12E+04	3.93E+04	3.68E+04	5.14E+04
3.00E+05	3.88E+05	2.49E+05	2.94E+05	2.84E+05	1.91E+05	2.91E+05	2.25E+05	2.26E+05
3.24E+04	3.93E+04	4.59E+04	2.90E+04	2.37E+04	3.14E+04	3.71E+04	3.19E+04	3.79E+04
1.41E+04	8.42E+03	8.42E+03	1.17E+04	1.59E+04	8.65E+03	1.30E+04	8.20E+03	1.17E+04
1.17E+04	1.06E+04	1.54E+04	1.66E+04	1.06E+04	2.30E+04	2.34E+04	1.71E+04	1.31E+04
1.26E+05	1.60E+05	1.96E+05	1.35E+05	2.24E+05	2.10E+05	1.37E+05	2.07E+05	1.41E+05
1.36E+04	1.11E+04	1.71E+04	1.33E+04	1.21E+04	2.01E+04	1.45E+04	1.34E+04	1.38E+04
8.10E+03	1.72E+04	2.63E+04	1.30E+04	2.05E+04	1.20E+04	3.31E+04	3.60E+04	5.81E+04
5.76E+04	4.78E+04	6.75E+04	5.01E+04	8.78E+04	7.02E+04	1.36E+05	1.73E+05	1.34E+05
1.99E+04	1.33E+04	1.62E+04	1.28E+04	2.80E+04	1.06E+04	1.66E+04	1.74E+04	1.13E+04
3.66E+04	3.12E+04	6.41E+04	2.65E+04	1.00E+05	1.49E+05	1.52E+05	6.79E+04	1.10E+05
1.14E+06	1.07E+06	1.24E+06	1.01E+06	2.23E+06	1.95E+06	2.07E+06	2.34E+06	2.44E+06
4.88E+05	5.07E+05	6.14E+05	6.40E+05	5.48E+05	7.48E+05	2.63E+05	2.12E+05	1.61E+05
3.46E+05	2.90E+05	3.47E+05	4.57E+05	3.93E+05	4.65E+05	2.15E+05	2.05E+05	1.89E+05
7.00E+04	8.20E+04	7.59E+04	1.26E+05	8.29E+04	1.61E+05	2.54E+04	2.06E+04	1.84E+04
2.23E+05	2.09E+05	2.94E+05	3.84E+05	4.42E+05	4.15E+05	1.03E+05	7.65E+04	8.08E+04
1.38E+06	1.46E+06	1.51E+06	1.86E+06	1.67E+06	2.04E+06	9.69E+05	9.34E+05	8.69E+05
9.11E+05	9.75E+05	1.04E+06	1.05E+06	1.11E+06	1.43E+06	7.96E+05	9.10E+05	8.40E+05
3.31E+04	3.19E+04	6.76E+04	4.29E+04	5.10E+04	6.26E+04	3.52E+04	3.52E+04	3.11E+04
2.40E+04	2.05E+04	2.59E+04	4.43E+04	2.99E+04	3.90E+04	7.03E+03	8.01E+03	8.84E+03
3.41E+04	3.91E+04	3.90E+04	6.03E+04	4.30E+04	6.89E+04	2.01E+04	2.29E+04	2.63E+04
1.63E+05	1.48E+05	1.64E+05	2.48E+05	2.11E+05	2.88E+05	1.26E+05	1.09E+05	9.34E+04
4.27E+05	3.59E+05	4.54E+05	3.27E+05	4.11E+05	6.48E+05	4.61E+05	3.73E+05	3.78E+05
1.52E+05	1.48E+05	1.30E+05	1.18E+05	1.63E+05	1.99E+05	1.20E+05	8.42E+04	1.18E+05
2.59E+04	2.18E+04	3.16E+04	4.68E+04	3.00E+04	4.14E+04	1.48E+04	1.86E+04	2.13E+04
2.41E+06	2.81E+06	3.63E+06	3.56E+06	3.12E+06	2.99E+06	1.39E+06	1.17E+06	1.25E+06
3.41E+03	3.91E+03	3.62E+03	4.44E+03	3.87E+03	3.75E+03	1.62E+03	1.62E+03	1.98E+03
9.00E+00	9.00E+00	9.04E+03	9.00E+00	9.00E+00	9.00E+00	1.87E+04	1.52E+04	1.62E+04
7.63E+04	7.72E+04	3.50E+04	5.09E+04	6.14E+04	4.77E+04	1.85E+04	1.89E+04	2.05E+04
3.71E+05	3.54E+05	2.65E+05	2.36E+05	3.39E+05	3.53E+05	3.17E+05	3.23E+05	3.23E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.89E+04	4.55E+04	4.65E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.54E+04	9.00E+00	2.34E+04	2.84E+04	1.98E+04
3.09E+05	3.64E+05	3.35E+05	3.28E+05	3.56E+05	3.86E+05	4.82E+05	4.81E+05	4.32E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.19E+04	3.89E+04	3.29E+04
9.00E+00	9.00E+00	1.29E+04	1.01E+04	9.00E+00	9.00E+00	3.94E+04	4.37E+04	4.11E+04
2.19E+04	2.23E+04	3.33E+04	3.02E+04	2.87E+04	2.14E+04	1.55E+06	1.57E+06	1.46E+06

7.04E+03	9.05E+03	7.91E+03	4.54E+03	9.75E+03	7.70E+03	7.85E+04	7.67E+04	7.69E+04
9.00E+00	7.13E+03	9.00E+00	1.01E+04	9.00E+00	9.00E+00	2.46E+04	2.28E+04	2.72E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.91E+04	5.33E+04	5.50E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.35E+04	1.64E+04	1.59E+04
6.77E+04	9.82E+04	1.99E+05	2.06E+05	8.16E+04	5.10E+04	3.85E+05	3.86E+05	3.65E+05
3.94E+05	4.06E+05	6.52E+05	7.18E+05	5.38E+05	3.49E+05	6.39E+06	6.32E+06	5.90E+06
4.32E+04	4.54E+04	6.83E+04	7.47E+04	3.57E+04	3.75E+04	5.28E+05	5.44E+05	5.30E+05
2.59E+04	3.28E+04	5.69E+04	5.92E+04	1.49E+04	3.19E+04	1.14E+05	1.14E+05	1.19E+05
9.00E+00	9.00E+00	1.26E+04	1.07E+04	9.00E+00	9.00E+00	2.62E+04	1.85E+04	2.00E+04
9.50E+03	9.42E+03	1.15E+04	1.16E+04	1.13E+04	9.15E+03	7.67E+04	7.59E+04	7.20E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.33E+04	6.63E+04	6.47E+04
2.35E+04	3.13E+04	6.81E+04	4.68E+04	4.54E+04	2.38E+04	1.94E+05	1.80E+05	1.71E+05
3.15E+05	2.66E+05	4.28E+05	4.28E+05	4.53E+05	3.11E+05	3.25E+06	3.24E+06	3.18E+06
2.15E+05	2.58E+05	4.49E+05	4.53E+05	2.37E+05	2.06E+05	3.66E+06	3.47E+06	3.25E+06
3.85E+04	6.64E+04	1.21E+05	1.19E+05	3.98E+04	3.53E+04	3.98E+05	3.87E+05	3.63E+05
1.58E+05	1.81E+05	2.42E+05	2.75E+05	2.42E+05	1.74E+05	5.25E+05	5.25E+05	5.06E+05
4.23E+04	6.00E+04	9.95E+04	1.05E+05	6.72E+04	5.04E+04	2.08E+05	2.07E+05	2.03E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.88E+04	1.97E+04	1.58E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.51E+04	2.98E+04	2.88E+04
3.17E+04	2.64E+04	4.93E+04	4.56E+04	4.15E+04	3.94E+04	1.92E+05	1.86E+05	1.82E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.89E+04	8.01E+04	7.48E+04
1.99E+04	3.07E+04	3.36E+04	3.74E+04	2.58E+04	2.41E+04	5.71E+04	5.91E+04	5.37E+04
2.65E+05	2.68E+05	3.93E+05	3.74E+05	3.27E+05	2.96E+05	1.58E+06	1.60E+06	1.60E+06
1.30E+04	2.13E+04	4.78E+04	3.99E+04	3.77E+04	1.88E+04	6.58E+04	7.00E+04	5.74E+04
1.66E+05	1.14E+05	1.93E+05	2.21E+05	1.51E+05	1.39E+05	8.68E+04	9.05E+04	8.92E+04
2.32E+04	3.37E+04	3.69E+04	4.83E+04	3.09E+04	3.40E+04	6.71E+04	6.34E+04	6.24E+04
1.48E+04	1.84E+04	3.05E+04	2.42E+04	2.76E+04	2.09E+04	3.14E+04	3.17E+04	3.11E+04
8.21E+05	6.91E+05	4.99E+05	6.50E+05	8.24E+05	9.41E+05	4.69E+05	5.04E+05	4.76E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.57E+03	9.00E+00	2.83E+04	3.02E+04	3.10E+04
9.00E+00	9.00E+00	9.00E+00	3.87E+03	9.00E+00	9.00E+00	6.92E+03	8.35E+03	7.71E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.86E+04	5.98E+04	6.00E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.86E+04	1.92E+04	2.31E+04
3.25E+04	3.06E+04	4.74E+04	5.05E+04	3.47E+04	2.80E+04	1.18E+05	1.19E+05	1.20E+05
1.18E+05	1.10E+05	1.58E+05	1.31E+05	8.25E+04	9.61E+04	1.50E+06	1.53E+06	1.45E+06
2.00E+05	2.30E+05	2.77E+05	3.05E+05	1.52E+05	1.91E+05	2.08E+05	2.06E+05	1.89E+05
8.41E+04	6.98E+04	1.46E+05	1.05E+05	7.73E+04	6.52E+04	1.69E+05	1.68E+05	1.64E+05
1.01E+05	7.53E+04	1.68E+05	1.20E+05	7.78E+04	6.36E+04	1.91E+05	1.89E+05	1.85E+05
6.86E+04	6.93E+04	7.93E+04	5.59E+04	5.83E+04	6.15E+04	7.51E+04	8.47E+04	7.37E+04
1.27E+05	1.28E+05	1.03E+05	1.18E+05	1.43E+05	1.20E+05	1.70E+05	1.71E+05	1.60E+05
1.15E+05	1.15E+05	9.11E+04	1.05E+05	1.21E+05	1.03E+05	1.59E+05	1.42E+05	1.45E+05
1.56E+06	1.80E+06	1.68E+06	1.66E+06	1.76E+06	2.04E+06	2.42E+06	2.33E+06	2.18E+06
4.57E+04	1.79E+04	5.71E+04	2.85E+04	1.94E+04	2.29E+04	2.48E+04	2.48E+04	2.20E+04
7.35E+06	7.26E+06	7.02E+06	7.47E+06	7.79E+06	8.22E+06	9.27E+06	9.18E+06	9.00E+06
4.15E+05	4.40E+05	4.86E+05	4.28E+05	4.84E+05	5.44E+05	5.81E+05	6.00E+05	5.45E+05
6.37E+04	5.40E+04	4.52E+04	4.67E+04	6.27E+04	6.55E+04	4.82E+04	5.06E+04	4.73E+04
2.39E+04	1.76E+04	1.79E+04	1.71E+04	1.57E+04	1.89E+04	2.79E+04	2.75E+04	2.62E+04
1.14E+04	1.19E+04	1.64E+04	1.63E+04	1.16E+04	9.07E+03	8.98E+03	1.51E+04	1.33E+04
2.31E+04	2.73E+04	2.42E+04	2.20E+04	2.10E+04	1.93E+04	2.76E+04	2.61E+04	2.55E+04
9.63E+03	1.62E+04	1.84E+04	1.06E+04	1.12E+04	1.26E+04	1.42E+04	1.57E+04	1.37E+04
3.58E+04	2.99E+04	3.97E+04	4.11E+04	6.58E+04	3.97E+04	6.91E+04	7.82E+04	7.13E+04
4.03E+04	3.19E+04	4.16E+04	5.70E+04	2.96E+04	4.09E+04	2.11E+04	1.95E+04	2.07E+04
1.30E+05	1.52E+05	2.34E+05	1.88E+05	2.09E+05	2.11E+05	1.29E+05	1.33E+05	1.34E+05
2.37E+04	2.66E+04	2.04E+04	3.15E+04	2.27E+04	3.94E+04	1.15E+04	2.16E+04	1.42E+04
1.54E+04	8.54E+03	2.67E+03	6.38E+03	1.46E+04	1.51E+04	6.03E+04	6.24E+04	6.35E+04

1.45E+04	7.06E+03	1.56E+04	1.54E+04	1.11E+04	2.28E+04	8.46E+04	9.81E+04	7.20E+04
5.98E+04	4.26E+04	4.83E+04	4.75E+04	5.03E+04	5.23E+04	4.43E+04	5.97E+04	4.88E+04
4.95E+04	5.22E+04	3.75E+04	4.36E+04	6.22E+04	3.06E+04	1.84E+04	1.63E+04	3.31E+04
5.30E+04	6.16E+04	5.20E+04	6.91E+04	5.82E+04	6.61E+04	4.83E+04	5.44E+04	3.81E+04
9.45E+04	8.18E+04	9.95E+04	1.05E+05	1.07E+05	1.29E+05	1.10E+05	1.30E+05	7.80E+04
1.01E+04	4.60E+03	9.63E+03	1.01E+04	1.17E+04	1.41E+04	1.17E+04	1.84E+04	1.44E+04
3.60E+04	1.45E+04	2.80E+04	3.15E+04	2.84E+04	2.84E+04	1.46E+04	3.92E+04	2.26E+04
2.19E+04	8.08E+03	2.89E+04	1.51E+04	3.03E+04	2.94E+04	2.65E+04	2.39E+04	1.68E+04
5.23E+03	5.28E+03	1.09E+04	3.93E+03	5.27E+03	8.14E+03	8.42E+03	1.36E+04	8.93E+03
1.62E+04	9.00E+03	2.12E+04	2.70E+03	9.23E+03	1.18E+04	9.69E+03	1.15E+04	1.50E+04
1.06E+06	8.90E+05	1.20E+06	1.06E+06	1.03E+06	1.51E+06	9.68E+05	1.09E+06	1.10E+06
2.54E+05	1.96E+05	2.81E+05	2.35E+05	3.04E+05	2.60E+05	8.00E+05	8.93E+05	8.76E+05
1.14E+05	9.52E+04	1.38E+05	1.37E+05	1.28E+05	1.59E+05	9.64E+04	9.17E+04	9.48E+04
3.03E+04	2.88E+04	4.14E+04	2.96E+04	2.94E+04	4.73E+04	3.13E+04	3.30E+04	2.41E+04
6.87E+03	7.57E+03	1.12E+04	9.00E+00	1.21E+04	1.75E+04	3.79E+04	4.02E+04	2.71E+04
2.13E+05	1.94E+05	2.23E+05	2.22E+05	2.45E+05	2.40E+05	2.28E+05	2.32E+05	1.81E+05
6.96E+04	5.38E+04	6.94E+04	4.04E+04	7.31E+04	6.26E+04	4.63E+04	6.72E+04	4.26E+04
1.48E+06	1.51E+06	1.70E+06	1.46E+06	1.65E+06	2.01E+06	1.50E+06	1.47E+06	1.38E+06
3.76E+05	3.72E+05	3.87E+05	4.25E+05	4.08E+05	3.37E+05	2.72E+05	3.11E+05	2.74E+05
2.47E+04	8.34E+04	2.58E+04	5.22E+04	3.89E+04	4.24E+04	1.76E+04	1.90E+04	1.13E+04
3.76E+05	3.00E+05	4.41E+05	5.07E+05	3.45E+05	4.02E+05	2.08E+05	1.96E+05	2.03E+05
9.00E+00	9.00E+00	9.00E+00	2.26E+03	9.00E+00	9.00E+00	6.60E+04	6.46E+04	4.74E+04
1.81E+05	7.33E+04	1.42E+05	2.35E+05	9.51E+04	1.06E+05	5.31E+05	4.81E+05	4.91E+05
1.88E+05	1.51E+05	2.27E+05	1.88E+05	2.29E+05	1.87E+05	4.96E+06	6.03E+06	5.20E+06
1.09E+04	3.95E+03	2.18E+03	8.85E+03	9.16E+03	1.52E+04	7.67E+05	7.91E+05	7.29E+05
4.55E+04	5.20E+04	3.19E+04	4.94E+04	4.74E+04	1.96E+04	3.39E+04	4.07E+04	3.26E+04
9.18E+04	4.41E+04	9.97E+04	1.41E+05	6.21E+04	7.22E+04	4.88E+04	4.29E+04	5.51E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.24E+04	1.07E+05	8.77E+04
5.55E+05	3.37E+05	3.31E+05	6.23E+05	3.08E+05	4.11E+05	1.89E+05	1.96E+05	1.79E+05
6.22E+04	5.64E+04	4.66E+04	7.95E+04	5.45E+04	8.63E+04	2.94E+04	3.60E+04	2.62E+04
7.31E+04	8.07E+04	8.50E+04	1.01E+05	7.05E+04	8.15E+04	5.90E+04	6.13E+04	5.53E+04
5.86E+05	4.28E+05	4.20E+05	7.48E+05	3.88E+05	4.69E+05	3.13E+05	2.10E+05	2.47E+05
1.04E+06	8.29E+05	1.02E+06	1.51E+06	7.54E+05	1.07E+06	7.38E+05	6.95E+05	6.54E+05
3.25E+04	3.25E+04	5.47E+04	5.02E+04	4.09E+04	6.03E+04	8.38E+04	7.54E+04	7.98E+04
5.58E+04	3.68E+04	5.63E+04	4.65E+04	5.56E+04	6.56E+04	8.41E+04	9.14E+04	6.56E+04
6.11E+04	7.88E+04	7.24E+04	1.24E+05	1.16E+05	8.91E+04	1.14E+05	1.40E+05	1.15E+05
3.95E+04	4.18E+04	4.65E+04	5.36E+04	4.80E+04	4.87E+04	5.39E+04	6.89E+04	3.82E+04
4.21E+06	4.29E+06	5.02E+06	4.40E+06	4.60E+06	6.17E+06	3.69E+06	3.69E+06	2.91E+06
9.06E+03	9.00E+00	5.46E+03	8.60E+03	5.05E+03	4.66E+03	3.11E+04	2.40E+04	2.00E+04
1.63E+05	1.49E+05	2.08E+05	1.92E+05	1.93E+05	2.44E+05	2.37E+05	2.80E+05	2.21E+05
9.66E+04	8.44E+04	1.29E+05	1.32E+05	1.47E+05	1.59E+05	3.50E+05	3.58E+05	3.50E+05
2.05E+04	1.35E+04	2.35E+04	1.82E+04	2.94E+04	1.41E+04	1.09E+05	1.21E+05	1.22E+05
3.64E+06	3.04E+06	4.58E+06	3.93E+06	5.02E+06	4.51E+06	9.79E+07	1.06E+08	1.01E+08
9.00E+00	9.00E+00	1.02E+04	9.00E+00	8.47E+03	9.00E+00	1.44E+06	1.19E+06	1.29E+06
1.64E+05	1.38E+05	2.22E+05	1.83E+05	1.41E+05	2.50E+05	4.15E+05	4.08E+05	3.77E+05
1.09E+06	1.45E+06	2.44E+06	2.14E+06	1.04E+06	2.31E+06	3.48E+06	3.71E+06	3.53E+06
7.55E+04	6.94E+04	9.36E+04	7.29E+04	6.26E+04	9.19E+04	4.31E+06	4.01E+06	3.70E+06
7.26E+05	6.87E+05	6.77E+05	9.26E+05	7.68E+05	8.76E+05	5.69E+05	5.22E+05	5.87E+05
3.97E+05	3.14E+05	5.33E+05	4.54E+05	3.31E+05	5.66E+05	4.95E+05	4.93E+05	4.01E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.51E+04	5.96E+04	5.16E+04
9.82E+06	8.49E+06	8.64E+06	1.21E+07	1.04E+07	1.08E+07	7.25E+06	8.01E+06	7.60E+06
1.54E+05	1.16E+05	7.65E+05	6.42E+05	5.79E+05	7.70E+05	1.98E+07	1.86E+07	1.81E+07
2.25E+05	1.79E+05	2.94E+05	2.74E+05	2.45E+05	2.97E+05	3.67E+05	3.87E+05	3.34E+05
1.26E+04	5.87E+03	1.17E+04	6.76E+03	8.98E+03	9.21E+03	9.64E+05	7.35E+05	6.89E+05

7.58E+06	4.79E+06	8.15E+06	6.86E+06	6.53E+06	5.93E+06	4.65E+06	4.79E+06	4.78E+06
8.12E+05	7.30E+05	1.10E+06	6.35E+05	7.87E+05	1.02E+06	3.65E+06	3.31E+06	3.04E+06
1.88E+05	1.81E+05	5.92E+04	2.19E+05	4.82E+04	2.65E+05	6.81E+04	1.35E+05	1.10E+05
1.42E+07	1.36E+07	1.11E+07	1.64E+07	1.60E+07	1.64E+07	9.03E+06	8.53E+06	8.23E+06
1.90E+07	1.99E+07	2.03E+07	1.58E+07	2.01E+07	2.74E+07	3.32E+07	3.31E+07	3.06E+07
3.00E+06	3.16E+06	4.28E+06	3.84E+06	3.90E+06	4.57E+06	7.09E+06	7.26E+06	6.98E+06
6.80E+04	4.43E+04	5.92E+04	6.80E+04	5.92E+04	8.74E+04	8.55E+04	7.84E+04	5.98E+04
1.69E+06	2.37E+06	2.16E+06	2.41E+06	1.95E+06	2.68E+06	1.26E+06	1.13E+06	1.27E+06
1.64E+06	1.45E+06	1.70E+06	1.55E+06	1.65E+06	1.92E+06	1.68E+06	1.42E+06	1.41E+06
2.39E+05	2.31E+05	2.91E+05	2.79E+05	1.63E+05	2.65E+05	1.05E+05	1.33E+05	1.01E+05
4.16E+04	4.50E+04	1.84E+04	4.41E+04	4.45E+04	3.77E+04	4.74E+04	4.69E+04	4.43E+04
5.86E+04	7.21E+04	7.42E+04	6.21E+04	7.82E+04	6.77E+04	7.20E+04	6.37E+04	4.77E+04
6.61E+05	5.53E+05	4.45E+05	6.24E+05	3.52E+05	3.81E+05	1.63E+05	1.49E+05	1.60E+05
6.21E+03	1.28E+04	1.32E+04	1.34E+04	1.49E+04	1.51E+04	1.67E+04	2.15E+04	1.76E+04
1.32E+05	1.31E+05	1.45E+05	1.54E+05	1.35E+05	2.35E+05	2.21E+05	1.83E+05	1.86E+05
5.59E+03	6.21E+03	1.39E+04	4.31E+03	1.11E+04	3.11E+03	3.89E+04	5.38E+04	3.64E+04
1.55E+05	1.38E+05	1.98E+05	1.67E+05	1.97E+05	1.90E+05	1.88E+07	1.93E+07	1.90E+07
3.89E+04	2.93E+04	4.77E+04	3.32E+04	3.82E+04	7.05E+04	2.63E+05	2.74E+05	2.95E+05
1.66E+05	1.28E+05	1.79E+05	1.62E+05	1.85E+05	2.04E+05	1.28E+06	1.16E+06	1.27E+06
5.44E+04	4.60E+04	4.88E+04	3.71E+04	4.28E+04	6.76E+04	1.62E+05	1.53E+05	1.49E+05
5.32E+04	5.85E+04	4.85E+04	7.23E+04	6.50E+04	6.64E+04	4.68E+04	5.23E+04	5.56E+04
9.14E+05	8.46E+05	9.84E+05	9.59E+05	9.85E+05	1.08E+06	9.95E+05	9.74E+05	8.81E+05
7.46E+04	5.99E+04	1.11E+05	9.39E+04	6.17E+04	1.03E+05	5.80E+05	5.75E+05	5.56E+05
9.40E+05	9.27E+05	8.88E+05	1.02E+06	1.12E+06	9.52E+05	6.28E+05	7.33E+05	6.46E+05
9.64E+04	8.97E+04	1.05E+05	9.07E+04	1.10E+05	6.28E+04	1.78E+05	1.88E+05	1.88E+05
1.38E+06	1.36E+06	1.53E+06	1.60E+06	1.71E+06	1.66E+06	1.14E+06	1.24E+06	1.36E+06
1.28E+06	1.33E+06	1.49E+06	1.25E+06	1.43E+06	1.70E+06	2.41E+06	2.79E+06	2.66E+06
1.62E+05	1.77E+05	2.54E+05	2.05E+05	2.18E+05	2.75E+05	3.48E+05	3.59E+05	3.42E+05
3.06E+05	3.70E+05	3.06E+05	3.38E+05	3.16E+05	4.11E+05	1.91E+05	1.90E+05	2.17E+05
9.15E+04	7.05E+04	1.23E+05	1.14E+05	1.00E+05	1.19E+05	1.32E+05	1.34E+05	1.33E+05
6.89E+04	5.38E+04	6.82E+04	4.16E+04	2.94E+04	5.20E+04	6.51E+04	4.14E+04	4.10E+04
1.68E+04	8.55E+03	1.73E+04	1.77E+04	1.16E+04	2.38E+04	1.20E+04	1.63E+04	1.69E+04
1.06E+04	3.80E+03	7.71E+03	9.43E+03	9.97E+03	9.92E+03	2.64E+05	2.55E+05	2.47E+05
3.35E+04	6.85E+04	8.45E+04	8.53E+04	7.89E+04	8.06E+04	6.89E+04	7.06E+04	7.82E+04
6.05E+04	3.08E+04	8.80E+04	6.58E+04	5.14E+04	1.08E+05	5.11E+04	4.60E+04	4.38E+04
2.19E+05	1.16E+05	1.86E+05	1.42E+05	1.53E+05	1.89E+05	1.93E+05	1.66E+05	1.79E+05
5.82E+03	3.24E+03	1.04E+04	1.06E+04	7.35E+03	8.44E+03	6.13E+04	5.45E+04	5.58E+04
4.25E+03	7.03E+03	4.71E+03	5.45E+03	5.83E+03	3.50E+03	4.48E+04	2.97E+04	1.82E+04
2.93E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.72E+04	6.34E+03	1.20E+04
2.49E+04	2.62E+04	3.77E+04	2.26E+04	4.25E+04	4.98E+04	9.15E+04	6.53E+04	5.86E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.05E+05	1.25E+05	9.30E+04
9.94E+04	1.15E+05	1.35E+05	8.65E+04	1.32E+05	1.33E+05	1.85E+05	1.88E+05	1.80E+05
3.94E+04	1.86E+04	2.63E+04	3.69E+04	2.86E+04	2.65E+04	2.76E+04	1.84E+04	2.08E+04
4.70E+04	3.61E+04	3.51E+04	4.28E+04	3.61E+04	5.70E+04	2.95E+04	3.16E+04	2.71E+04
3.91E+04	4.85E+04	4.48E+04	3.75E+04	2.10E+04	4.00E+04	5.70E+04	8.05E+04	7.07E+04
7.27E+04	9.15E+04	5.55E+04	1.10E+05	6.44E+04	7.13E+04	2.30E+04	4.15E+04	5.15E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.94E+04	9.00E+00	9.42E+04	1.02E+05	7.93E+04
2.07E+04	2.51E+04	1.86E+04	2.10E+04	1.51E+04	2.42E+04	2.00E+04	1.70E+04	2.00E+04
1.63E+04	9.00E+00	3.09E+04	9.00E+00	9.00E+00	9.00E+00	8.55E+04	8.40E+04	8.14E+04
1.70E+04	1.47E+04	2.74E+04	2.81E+04	2.83E+04	1.78E+04	2.99E+04	2.72E+04	1.56E+04
8.57E+05	8.46E+05	8.06E+05	5.50E+05	1.02E+06	7.16E+05	1.02E+06	1.22E+06	1.15E+06
6.90E+04	9.36E+04	4.21E+04	1.12E+05	5.12E+04	5.70E+04	4.82E+04	4.40E+04	4.83E+04
7.62E+04	8.65E+04	6.11E+04	8.30E+04	7.06E+04	7.64E+04	2.61E+04	4.09E+04	3.99E+04
3.27E+04	2.82E+04	1.78E+04	4.25E+04	3.84E+04	2.06E+04	1.49E+04	1.85E+04	1.79E+04

7.83E+04	6.31E+04	8.38E+04	1.18E+05	9.87E+04	3.53E+04	3.55E+04	3.52E+04	2.76E+04
2.20E+04	5.32E+04	4.12E+04	5.09E+04	4.71E+04	3.62E+04	2.20E+04	3.02E+04	1.94E+04
8.59E+04	8.44E+04	7.11E+04	1.11E+05	5.33E+04	5.57E+04	3.74E+04	4.24E+04	5.12E+04
3.12E+04	2.13E+04	4.06E+04	2.03E+04	1.99E+04	4.90E+04	1.28E+04	2.57E+04	1.78E+04
5.87E+04	7.01E+04	3.78E+04	8.00E+04	6.71E+04	5.91E+04	1.55E+04	2.71E+04	2.84E+04
2.11E+04	2.82E+04	3.43E+04	5.04E+04	2.56E+04	4.09E+04	1.18E+04	1.68E+04	1.73E+04
8.44E+04	1.22E+05	8.81E+04	1.58E+05	7.79E+04	7.00E+04	5.26E+04	5.17E+04	5.12E+04
2.83E+04	2.51E+04	3.58E+04	5.38E+04	5.45E+04	4.61E+04	2.61E+04	1.17E+04	3.63E+04
4.60E+04	5.17E+04	3.22E+04	6.25E+04	4.20E+04	3.96E+04	2.41E+04	1.84E+04	2.05E+04
1.10E+05	1.43E+05	6.51E+04	1.05E+05	7.26E+04	5.70E+04	4.61E+04	3.23E+04	2.97E+04
8.35E+04	6.52E+04	5.85E+04	5.65E+04	5.71E+04	9.26E+04	7.73E+04	7.45E+04	1.02E+05
3.48E+04	2.46E+04	2.39E+04	2.15E+04	3.03E+04	2.02E+04	4.61E+04	2.27E+04	4.98E+04
2.00E+06	2.21E+06	2.89E+06	2.37E+06	2.48E+06	2.74E+06	7.08E+06	5.10E+06	4.34E+06
6.31E+04	4.07E+04	2.81E+04	4.61E+04	5.22E+04	7.45E+04	1.83E+05	1.75E+05	1.17E+05
8.95E+03	1.93E+04	1.99E+04	1.37E+04	7.64E+03	2.43E+04	2.03E+04	1.37E+04	1.37E+04
3.83E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.85E+04	2.99E+04	4.24E+04
2.61E+04	3.60E+04	2.02E+04	2.25E+04	3.90E+04	2.75E+04	2.95E+04	2.74E+04	2.01E+04
1.59E+04	1.57E+04	1.29E+04	9.69E+03	1.04E+04	3.17E+03	4.07E+04	2.80E+04	3.29E+04
9.00E+00	9.00E+00	1.30E+04	6.34E+03	9.00E+00	9.00E+00	6.89E+04	6.81E+04	6.34E+04
2.97E+04	1.30E+04	1.07E+04	2.09E+04	8.96E+03	9.42E+03	5.90E+04	4.92E+04	5.96E+04
2.18E+04	4.68E+04	2.16E+04	3.95E+04	3.39E+04	3.52E+04	2.95E+04	3.80E+04	4.11E+04
2.45E+04	2.46E+04	2.99E+04	2.69E+04	3.41E+04	3.63E+04	6.88E+04	6.70E+04	1.04E+05
9.00E+00	9.00E+00	2.11E+04	9.00E+00	9.00E+00	1.52E+04	5.80E+05	6.11E+05	5.10E+05
9.00E+00	9.00E+00	9.13E+02	9.02E+02	9.00E+00	9.00E+00	5.98E+04	8.75E+04	6.76E+04
1.20E+03	9.00E+00	9.00E+00	9.00E+00	1.94E+03	9.00E+00	6.00E+04	7.22E+04	7.32E+04
8.35E+04	5.77E+04	1.11E+05	6.94E+04	4.20E+04	1.24E+05	7.16E+05	7.39E+05	6.28E+05
1.82E+04	1.98E+04	1.53E+04	2.22E+04	1.96E+04	1.53E+04	1.61E+04	2.63E+04	2.39E+04
6.82E+04	5.20E+04	1.04E+05	7.94E+04	9.71E+04	1.23E+05	1.50E+05	1.98E+05	1.62E+05
2.81E+04	3.15E+04	1.34E+04	9.00E+00	9.00E+00	2.70E+04	7.94E+06	7.00E+06	7.01E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.22E+07	2.41E+07	2.20E+07
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.65E+04	1.72E+04	2.05E+04
1.69E+05	1.41E+05	9.83E+04	1.76E+05	1.33E+05	1.14E+05	6.08E+04	5.08E+04	6.44E+04
5.96E+04	5.37E+04	4.17E+04	9.43E+04	3.86E+04	4.84E+04	7.62E+04	3.59E+04	8.30E+04
6.54E+04	3.12E+04	4.80E+04	6.49E+04	2.62E+04	4.62E+04	1.94E+04	2.47E+04	2.43E+04
1.07E+04	9.72E+03	5.12E+04	3.44E+03	9.00E+00	7.82E+03	8.71E+03	1.30E+04	1.84E+04
5.64E+04	3.22E+04	4.71E+04	3.90E+04	3.85E+04	4.15E+04	1.45E+04	1.67E+04	2.06E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.19E+04	5.38E+04	4.32E+04	5.07E+04
2.26E+04	2.06E+04	3.75E+04	1.41E+04	3.76E+04	3.51E+04	4.49E+05	7.67E+05	3.58E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.53E+04	4.03E+04	4.33E+04
1.84E+05	1.18E+05	1.73E+05	1.50E+05	1.67E+05	1.67E+05	2.04E+05	2.05E+05	1.98E+05
1.70E+05	1.70E+05	2.02E+05	1.99E+05	1.59E+05	1.23E+05	1.63E+05	1.70E+05	1.71E+05
1.55E+05	1.58E+05	2.13E+05	1.70E+05	1.49E+05	7.17E+04	1.26E+05	1.58E+05	1.22E+05
4.14E+04	3.36E+04	4.47E+04	4.19E+04	3.22E+04	3.08E+04	3.19E+04	2.73E+04	1.66E+04
6.92E+03	2.15E+04	2.08E+04	9.69E+03	1.58E+04	2.15E+04	1.39E+04	2.46E+04	2.05E+04
4.49E+05	3.19E+05	1.91E+05	3.18E+05	2.81E+05	2.55E+05	1.54E+05	1.27E+05	1.35E+05
5.73E+04	5.66E+04	5.67E+04	7.71E+04	3.85E+04	5.51E+04	3.71E+04	2.45E+04	1.81E+04
1.16E+05	1.33E+05	6.91E+04	1.18E+05	7.38E+04	1.13E+05	3.62E+04	4.35E+04	3.17E+04
1.31E+06	1.51E+06	1.23E+06	1.39E+06	1.24E+06	1.41E+06	1.50E+06	1.88E+06	1.77E+06
2.50E+04	2.89E+04	2.43E+04	3.26E+04	3.50E+04	6.89E+04	4.10E+04	3.62E+04	4.24E+04
1.64E+04	1.77E+04	1.82E+04	1.25E+04	1.52E+04	2.69E+04	2.64E+04	1.71E+04	2.41E+04
9.39E+04	6.39E+04	5.72E+04	7.52E+04	6.17E+04	6.86E+04	2.16E+04	1.62E+04	2.13E+04
4.29E+04	3.59E+04	3.10E+04	6.24E+04	5.39E+04	4.35E+04	1.59E+04	2.64E+04	1.70E+04
3.78E+05	4.09E+05	3.82E+05	7.56E+05	4.52E+05	4.47E+05	1.31E+05	1.29E+05	1.26E+05
1.25E+05	1.32E+05	1.00E+05	1.84E+05	1.40E+05	8.71E+04	4.66E+04	2.09E+04	5.08E+04

2.09E+05	1.97E+05	1.42E+05	2.18E+05	1.38E+05	1.23E+05	7.97E+04	7.78E+04	7.88E+04
1.17E+05	8.76E+04	1.20E+05	1.43E+05	1.02E+05	1.07E+05	6.08E+04	7.97E+04	8.14E+04
1.07E+05	1.18E+05	1.23E+05	9.02E+04	1.08E+05	1.22E+05	3.04E+05	2.19E+05	1.76E+05
7.04E+04	6.96E+04	3.26E+04	6.47E+04	3.09E+04	3.78E+04	2.83E+04	2.98E+04	2.27E+04
6.93E+04	9.77E+04	8.43E+04	7.26E+04	1.20E+05	7.19E+04	1.00E+05	8.24E+04	1.09E+05
1.81E+04	1.63E+04	1.59E+04	3.03E+04	1.57E+04	2.70E+04	2.14E+04	3.35E+04	1.86E+04
4.45E+04	3.82E+04	3.47E+04	4.44E+04	4.38E+04	4.49E+04	2.11E+04	2.20E+04	2.27E+04
3.93E+04	4.24E+04	4.16E+04	3.17E+04	4.26E+04	3.62E+04	1.90E+04	1.05E+04	9.25E+03
5.09E+04	4.15E+04	7.69E+04	4.10E+04	5.97E+04	6.38E+04	4.62E+04	2.27E+04	2.11E+04
3.47E+04	4.16E+04	1.81E+04	4.23E+04	3.80E+04	3.50E+04	5.49E+04	5.38E+04	4.96E+04
3.52E+05	3.28E+05	2.50E+05	3.13E+05	1.90E+05	3.47E+05	1.18E+05	2.23E+05	2.39E+05
1.28E+06	8.28E+05	1.30E+06	1.32E+06	1.52E+06	1.39E+06	2.97E+06	3.40E+06	3.18E+06
5.47E+05	4.88E+05	5.88E+05	6.72E+05	5.66E+05	5.56E+05	1.58E+06	1.35E+06	1.28E+06
4.74E+06	4.92E+06	6.38E+06	5.98E+06	5.03E+06	5.36E+06	2.80E+06	2.81E+06	2.76E+06
2.37E+07	2.07E+07	2.21E+07	3.10E+07	2.62E+07	2.32E+07	1.64E+07	1.79E+07	1.57E+07
1.21E+05	1.19E+05	1.08E+05	1.07E+05	8.07E+04	1.21E+05	1.06E+05	1.06E+05	1.25E+05
2.15E+05	1.47E+05	1.79E+05	2.19E+05	1.13E+05	1.58E+05	1.46E+05	1.41E+05	1.27E+05
1.98E+05	2.44E+05	2.52E+05	2.63E+05	2.48E+05	2.60E+05	2.45E+05	3.23E+05	2.66E+05
5.12E+04	3.55E+04	4.04E+04	6.97E+04	3.38E+04	2.75E+04	3.80E+04	4.38E+04	4.15E+04
6.05E+05	5.04E+05	4.16E+05	4.96E+05	3.03E+05	5.69E+05	3.54E+05	3.01E+05	3.05E+05
4.04E+05	3.10E+05	3.06E+05	3.17E+05	3.30E+05	5.68E+05	1.42E+05	1.29E+05	1.28E+05
5.96E+04	3.60E+04	5.04E+04	3.59E+04	4.79E+04	4.93E+04	5.77E+04	6.58E+04	3.91E+04
2.36E+04	3.51E+04	2.09E+04	3.80E+04	2.81E+04	3.52E+04	3.12E+04	4.22E+04	2.71E+04
1.01E+05	9.99E+04	9.95E+04	1.10E+05	9.68E+04	1.65E+05	3.73E+04	3.71E+04	3.29E+04
6.30E+04	6.99E+04	5.91E+04	7.85E+04	4.53E+04	8.25E+04	5.10E+04	4.49E+04	4.19E+04
1.26E+05	1.61E+05	1.20E+05	1.46E+05	1.12E+05	1.98E+05	8.36E+04	7.60E+04	7.87E+04
4.40E+06	7.70E+06	7.21E+06	5.98E+06	4.54E+06	4.40E+06	8.35E+06	8.76E+06	8.61E+06
1.79E+06	1.38E+06	1.01E+06	1.63E+06	7.87E+05	1.37E+06	9.82E+05	8.67E+05	8.06E+05
3.20E+04	7.79E+04	4.80E+04	6.70E+04	2.77E+04	6.94E+04	4.86E+04	3.57E+04	3.46E+04
4.96E+06	6.04E+06	5.30E+06	4.58E+06	5.85E+06	4.89E+06	6.83E+06	6.61E+06	5.85E+06
2.15E+07	1.67E+07	1.32E+07	1.64E+07	1.06E+07	1.92E+07	8.79E+06	9.38E+06	8.08E+06
2.50E+07	2.42E+07	1.92E+07	2.64E+07	2.48E+07	3.72E+07	8.43E+06	8.13E+06	7.86E+06
7.86E+05	5.85E+05	4.09E+05	7.51E+05	5.18E+05	8.39E+05	2.56E+05	2.77E+05	2.61E+05
3.16E+04	2.95E+04	3.44E+04	3.71E+04	2.48E+04	5.22E+04	3.34E+04	2.60E+04	2.04E+04
3.11E+04	4.63E+04	3.76E+04	7.00E+04	2.60E+04	3.75E+04	6.28E+04	7.05E+04	9.81E+04
1.22E+05	1.03E+05	1.07E+05	1.13E+05	1.02E+05	1.46E+05	2.21E+05	2.49E+05	2.10E+05
2.21E+05	1.72E+05	1.75E+05	1.97E+05	1.48E+05	2.44E+05	1.46E+05	1.36E+05	1.22E+05
8.47E+05	8.04E+05	7.23E+05	1.06E+06	5.95E+05	9.09E+05	4.65E+05	5.14E+05	5.14E+05
8.83E+06	7.55E+06	8.57E+06	8.52E+06	6.28E+06	7.62E+06	6.24E+06	7.14E+06	6.63E+06
6.55E+05	5.73E+05	3.94E+05	7.46E+05	3.64E+05	5.59E+05	2.07E+05	2.11E+05	2.15E+05
5.26E+05	3.88E+05	3.33E+05	5.06E+05	3.32E+05	4.43E+05	2.60E+05	2.54E+05	2.31E+05
1.36E+07	1.15E+07	1.27E+07	1.46E+07	1.14E+07	1.41E+07	7.15E+06	8.01E+06	7.68E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.19E+04	7.25E+03	1.09E+04
4.64E+05	2.75E+05	2.36E+05	3.40E+05	1.83E+05	3.35E+05	8.43E+04	8.64E+04	1.06E+05
1.61E+05	1.51E+05	8.85E+04	2.15E+05	6.98E+04	2.03E+05	1.51E+05	1.41E+05	1.56E+05
4.57E+06	3.82E+06	2.42E+06	3.41E+06	2.18E+06	4.05E+06	2.02E+06	2.01E+06	1.72E+06
1.86E+06	1.74E+06	1.28E+06	2.08E+06	1.35E+06	2.57E+06	3.87E+05	6.09E+05	5.16E+05
2.79E+05	2.51E+05	1.75E+05	2.96E+05	2.12E+05	2.87E+05	1.58E+05	1.07E+05	1.10E+05
1.61E+05	2.02E+05	1.11E+05	1.87E+05	1.57E+05	2.61E+05	6.34E+04	5.15E+04	5.13E+04
1.26E+05	1.08E+05	1.11E+05	1.51E+05	1.28E+05	1.89E+05	6.10E+04	3.70E+04	6.98E+04
5.95E+05	3.82E+05	3.94E+05	6.00E+05	3.92E+05	5.57E+05	1.66E+05	1.45E+05	1.66E+05
1.14E+06	1.11E+06	1.15E+06	1.49E+06	1.07E+06	1.43E+06	6.50E+05	7.14E+05	7.01E+05
1.70E+06	1.37E+06	9.83E+05	2.05E+06	1.99E+06	2.26E+06	7.60E+05	7.82E+05	7.65E+05
6.36E+04	8.39E+04	5.28E+04	6.88E+04	8.35E+04	1.45E+05	4.11E+04	5.28E+04	6.62E+04

1.85E+05	1.34E+05	1.59E+05	1.38E+05	1.34E+05	2.44E+05	1.23E+05	1.36E+05	1.40E+05
1.85E+05	1.73E+05	1.46E+05	1.28E+05	1.22E+05	3.23E+05	1.48E+05	1.39E+05	1.21E+05
2.62E+05	2.46E+05	1.74E+05	2.10E+05	1.98E+05	3.15E+05	1.25E+05	1.03E+05	1.40E+05
5.56E+04	3.97E+04	5.91E+04	5.91E+04	3.10E+04	6.55E+04	1.69E+04	1.74E+04	2.30E+04
3.13E+06	4.35E+06	2.85E+06	3.53E+06	3.86E+06	4.54E+06	4.66E+06	6.23E+06	5.85E+06
3.10E+06	2.37E+06	2.16E+06	1.97E+06	2.20E+06	3.21E+06	3.56E+06	3.52E+06	2.82E+06
4.73E+06	3.71E+06	4.43E+06	3.92E+06	4.63E+06	6.69E+06	3.41E+06	3.10E+06	3.09E+06
2.54E+04	2.09E+04	1.95E+04	3.35E+04	1.25E+04	3.09E+04	3.35E+05	3.40E+05	4.39E+05
6.96E+04	9.52E+04	8.57E+04	3.96E+04	6.56E+04	8.23E+04	7.72E+04	1.06E+05	9.40E+04
4.99E+05	4.50E+05	4.29E+05	4.41E+05	4.53E+05	6.15E+05	3.43E+05	3.24E+05	2.98E+05
9.65E+06	6.14E+06	8.36E+06	7.64E+06	6.75E+06	1.26E+07	1.14E+07	1.12E+07	1.13E+07
3.02E+05	2.03E+05	1.81E+05	2.65E+05	1.67E+05	2.03E+05	1.41E+05	1.55E+05	1.71E+05
6.13E+04	5.28E+04	8.42E+04	5.72E+04	6.89E+04	1.01E+05	4.52E+05	4.74E+05	4.26E+05
1.37E+05	3.15E+04	8.58E+04	1.16E+05	8.73E+04	1.06E+05	7.94E+04	7.20E+04	6.46E+04
3.08E+06	2.32E+06	2.41E+06	2.56E+06	2.02E+06	2.53E+06	3.48E+06	3.49E+06	3.44E+06
4.13E+07	3.12E+07	2.80E+07	3.55E+07	2.06E+07	4.79E+07	1.55E+07	1.49E+07	1.54E+07
2.65E+07	2.67E+07	1.98E+07	2.80E+07	2.37E+07	3.97E+07	8.65E+06	1.01E+07	9.94E+06
6.96E+04	4.22E+04	5.48E+04	4.47E+04	5.72E+04	9.19E+04	9.46E+04	6.68E+04	8.08E+04
8.89E+05	7.30E+05	6.80E+05	8.10E+05	6.62E+05	1.22E+06	4.50E+05	6.41E+05	5.55E+05
3.73E+05	3.17E+05	3.20E+05	3.72E+05	2.86E+05	5.11E+05	2.07E+05	1.98E+05	1.92E+05
6.47E+05	6.07E+05	5.47E+05	6.73E+05	5.78E+05	1.10E+06	3.24E+05	3.50E+05	3.40E+05
5.67E+06	5.06E+06	5.21E+06	5.71E+06	4.88E+06	8.05E+06	4.93E+06	4.95E+06	4.54E+06
7.31E+05	6.84E+05	3.67E+05	7.22E+05	6.03E+05	1.04E+06	2.57E+05	2.86E+05	2.58E+05
2.36E+04	1.91E+04	1.52E+04	1.52E+04	1.34E+04	1.39E+04	8.16E+04	7.68E+04	8.59E+04
3.66E+05	2.94E+05	2.61E+05	3.08E+05	3.17E+05	4.44E+05	1.98E+05	1.91E+05	2.00E+05
1.57E+07	1.58E+07	1.20E+07	1.64E+07	2.55E+07	2.86E+07	8.73E+06	8.81E+06	9.17E+06
1.33E+04	9.00E+00	9.00E+00	9.00E+00	6.95E+03	9.00E+00	7.83E+04	5.53E+04	5.10E+04
1.82E+04	2.65E+04	1.33E+04	1.06E+04	1.75E+04	2.16E+04	8.12E+04	6.65E+04	6.20E+04
8.05E+06	8.57E+06	7.29E+06	9.50E+06	8.67E+06	1.55E+07	4.75E+06	4.98E+06	5.01E+06
1.51E+06	1.64E+06	1.02E+06	1.56E+06	1.84E+06	2.53E+06	9.04E+05	7.10E+05	7.73E+05
4.78E+04	4.20E+04	1.47E+04	3.74E+04	4.98E+04	4.14E+04	2.56E+04	1.18E+04	1.86E+04
4.57E+05	3.94E+05	4.13E+05	4.70E+05	4.00E+05	8.49E+05	1.46E+05	3.04E+05	2.90E+05
3.01E+05	2.66E+05	2.65E+05	3.39E+05	3.14E+05	2.90E+05	1.87E+05	2.36E+05	2.03E+05
6.19E+05	5.88E+05	6.14E+05	7.84E+05	8.65E+05	1.31E+06	2.88E+05	2.99E+05	2.79E+05
2.13E+06	2.11E+06	1.94E+06	2.06E+06	3.28E+06	4.77E+06	9.70E+05	9.10E+05	8.41E+05
1.44E+05	1.15E+05	7.34E+04	1.26E+05	1.63E+05	2.10E+05	9.62E+04	9.90E+04	1.12E+05
1.90E+05	1.94E+05	1.32E+05	1.86E+05	2.53E+05	3.37E+05	1.24E+05	1.15E+05	1.17E+05
1.88E+05	2.25E+05	1.22E+05	1.97E+05	2.97E+05	4.06E+05	6.98E+04	4.11E+04	8.44E+04
1.13E+07	1.09E+07	7.60E+06	1.10E+07	2.46E+07	2.37E+07	7.32E+06	7.79E+06	6.76E+06
1.01E+05	9.33E+04	8.96E+04	1.09E+05	1.30E+05	2.22E+05	3.62E+04	5.39E+04	4.33E+04
3.67E+04	2.64E+04	2.77E+04	3.69E+04	3.30E+04	5.88E+04	2.41E+04	1.86E+04	1.77E+04
1.33E+04	9.00E+00	1.85E+04	2.18E+04	4.56E+04	6.05E+04	1.33E+04	9.80E+03	1.26E+04
3.14E+04	5.28E+04	4.04E+04	5.77E+04	3.02E+04	4.49E+04	2.97E+04	5.77E+04	3.56E+04
4.41E+04	3.16E+04	2.28E+04	3.35E+04	3.25E+04	5.75E+04	3.41E+04	2.64E+04	3.63E+04
1.01E+05	8.98E+04	8.71E+04	8.79E+04	8.34E+04	1.81E+05	7.51E+04	6.73E+04	5.90E+04
4.09E+04	2.15E+04	3.03E+04	3.95E+04	4.91E+04	5.14E+04	6.35E+04	5.17E+04	5.48E+04
8.68E+04	5.25E+04	6.61E+04	9.83E+04	8.58E+04	1.04E+05	3.54E+04	5.47E+04	6.62E+04
6.91E+05	5.36E+05	5.57E+05	6.50E+05	1.00E+06	1.14E+06	5.75E+05	5.76E+05	5.33E+05
5.70E+04	1.08E+05	7.06E+04	1.07E+05	5.39E+04	1.70E+05	4.01E+05	4.05E+05	4.16E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.19E+04	2.37E+04	1.02E+04
8.74E+03	1.38E+04	2.93E+03	1.04E+04	1.07E+04	1.42E+04	8.98E+04	6.93E+04	7.88E+04
3.06E+03	2.04E+03	2.49E+03	5.11E+02	9.00E+00	9.00E+00	4.19E+04	2.74E+04	3.72E+04
5.60E+03	4.89E+03	5.87E+03	7.89E+03	8.55E+03	7.74E+03	6.53E+04	6.12E+04	4.75E+04
2.55E+04	4.26E+04	4.77E+04	3.14E+04	3.11E+04	3.31E+04	2.34E+04	3.65E+04	4.39E+04

2.56E+04	3.60E+04	3.48E+04	2.33E+04	1.79E+04	3.44E+04	1.31E+04	7.35E+03	1.03E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.97E+04	4.80E+04	1.69E+04
2.90E+04	8.89E+04	5.47E+04	7.23E+04	7.77E+04	8.07E+04	4.80E+04	6.21E+04	5.93E+04
1.35E+04	1.22E+04	2.61E+04	8.07E+03	4.25E+03	2.29E+04	2.73E+04	3.11E+04	3.33E+04
4.05E+03	9.81E+03	1.63E+04	1.63E+04	1.91E+04	2.13E+04	4.12E+04	2.95E+04	1.96E+04
9.29E+02	9.00E+00	2.25E+03	9.00E+00	9.00E+00	9.00E+00	2.35E+04	2.72E+04	3.55E+04
5.15E+06	5.59E+06	4.43E+06	5.26E+06	4.90E+06	5.52E+06	6.33E+06	7.16E+06	6.49E+06
5.38E+04	3.19E+04	4.24E+04	4.29E+04	4.31E+04	4.33E+04	7.26E+04	5.45E+04	5.06E+04
2.77E+06	2.58E+06	1.98E+06	2.07E+06	2.05E+06	1.99E+06	2.56E+06	2.58E+06	2.53E+06
2.29E+06	2.12E+06	3.10E+06	2.07E+06	2.30E+06	2.82E+06	1.78E+06	2.24E+06	2.14E+06
7.93E+05	7.46E+05	8.48E+05	7.69E+05	6.61E+05	8.56E+05	6.86E+05	6.52E+05	6.70E+05
8.80E+05	9.08E+05	9.62E+05	8.43E+05	8.98E+05	1.01E+06	5.84E+05	8.73E+05	8.53E+05
8.88E+06	8.08E+06	9.30E+06	9.84E+06	7.83E+06	1.32E+07	6.75E+06	5.83E+06	6.86E+06
2.03E+06	1.51E+06	1.69E+06	1.65E+06	1.33E+06	1.88E+06	8.23E+05	8.96E+05	8.63E+05
8.96E+05	7.58E+05	7.38E+05	7.46E+05	9.33E+05	1.05E+06	6.86E+05	7.37E+05	6.83E+05
1.28E+06	1.08E+06	1.09E+06	1.00E+06	8.82E+05	1.46E+06	6.28E+05	7.05E+05	6.20E+05
7.84E+06	6.70E+06	7.81E+06	6.76E+06	7.17E+06	8.55E+06	1.03E+07	1.01E+07	8.40E+06
5.02E+07	3.87E+07	4.42E+07	4.32E+07	3.46E+07	6.39E+07	2.55E+07	2.50E+07	2.18E+07
3.25E+07	2.67E+07	2.92E+07	3.19E+07	3.38E+07	4.59E+07	1.51E+07	1.60E+07	1.54E+07
9.96E+05	8.26E+05	8.64E+05	8.95E+05	1.00E+06	1.34E+06	4.84E+05	4.87E+05	4.53E+05
1.72E+06	1.27E+06	1.70E+06	1.39E+06	1.42E+06	1.96E+06	2.17E+06	1.98E+06	2.05E+06
6.28E+05	5.77E+05	5.61E+05	5.12E+05	5.06E+05	7.62E+05	4.90E+05	4.60E+05	4.43E+05
2.72E+06	2.83E+06	2.61E+06	2.58E+06	2.66E+06	2.66E+06	2.39E+06	2.37E+06	2.65E+06
1.33E+06	1.09E+06	1.50E+06	1.07E+06	1.02E+06	2.12E+06	1.40E+06	1.42E+06	1.40E+06
1.36E+06	1.15E+06	1.46E+06	1.35E+06	1.15E+06	1.93E+06	1.07E+06	8.75E+05	9.06E+05
1.39E+06	1.03E+06	9.02E+05	1.01E+06	7.46E+05	9.60E+05	5.61E+05	5.20E+05	4.61E+05
4.53E+07	3.62E+07	4.10E+07	3.72E+07	4.29E+07	5.88E+07	3.16E+07	3.29E+07	3.15E+07
3.10E+06	2.15E+06	1.51E+06	1.95E+06	2.18E+06	2.58E+06	1.06E+06	1.05E+06	1.06E+06
2.75E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.69E+05	3.96E+05	2.91E+05	4.43E+05
3.29E+05	3.16E+05	3.26E+05	3.39E+05	4.06E+05	4.01E+05	4.91E+05	4.50E+05	3.83E+05
1.77E+05	1.49E+05	1.68E+05	1.52E+05	1.55E+05	1.99E+05	1.74E+05	1.96E+05	2.06E+05
2.25E+06	1.71E+06	2.19E+06	2.07E+06	2.33E+06	3.14E+06	3.62E+06	3.91E+06	3.92E+06
4.58E+06	3.41E+06	3.30E+06	3.89E+06	4.89E+06	5.42E+06	2.02E+06	1.94E+06	1.86E+06
1.98E+07	1.45E+07	1.63E+07	1.64E+07	2.31E+07	2.70E+07	1.08E+07	1.11E+07	1.14E+07
2.82E+05	3.04E+05	4.66E+05	3.64E+05	3.96E+05	5.34E+05	5.69E+05	5.37E+05	6.29E+05
2.03E+06	1.66E+06	1.91E+06	1.79E+06	2.22E+06	3.59E+06	1.26E+06	1.18E+06	1.22E+06
2.77E+06	2.44E+06	2.70E+06	2.57E+06	3.12E+06	4.47E+06	1.49E+06	1.65E+06	1.57E+06
7.19E+05	6.46E+05	7.41E+05	7.52E+05	7.12E+05	7.30E+05	5.02E+05	5.27E+05	5.02E+05
2.48E+05	2.37E+05	3.68E+05	2.36E+05	2.83E+05	4.21E+05	1.30E+05	2.03E+05	1.67E+05
2.59E+05	2.75E+05	3.13E+05	2.80E+05	2.47E+05	3.63E+05	2.04E+05	2.00E+05	2.11E+05
1.05E+05	1.03E+05	1.09E+05	1.06E+05	9.31E+04	9.58E+04	1.39E+05	1.42E+05	1.36E+05
5.39E+04	8.24E+04	6.78E+04	1.18E+05	1.23E+05	7.36E+04	1.51E+05	1.92E+05	1.61E+05
2.45E+04	8.88E+03	1.95E+04	3.08E+04	2.96E+04	2.16E+04	1.64E+05	1.18E+05	1.34E+05
4.42E+04	5.36E+04	4.01E+04	8.07E+04	5.81E+04	3.66E+04	4.01E+04	5.96E+04	5.72E+04
6.42E+04	7.28E+04	6.64E+04	1.04E+05	8.57E+04	7.01E+04	1.44E+05	1.41E+05	1.34E+05
5.09E+04	6.50E+04	7.83E+04	1.08E+05	8.63E+04	5.07E+04	1.09E+05	1.00E+05	6.30E+04
9.25E+04	7.85E+04	8.75E+04	1.25E+05	8.04E+04	9.26E+04	1.74E+05	1.31E+05	1.45E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.79E+04	9.10E+04	9.24E+04
1.23E+04	9.29E+03	1.13E+04	1.88E+04	1.42E+04	2.53E+04	1.59E+04	1.96E+04	2.29E+04
2.87E+04	3.16E+04	3.23E+04	2.88E+04	3.56E+04	3.48E+04	1.90E+04	3.07E+04	3.16E+04
6.97E+03	1.07E+03	1.20E+04	1.15E+04	7.87E+03	7.87E+03	3.08E+04	2.31E+04	2.66E+04
9.00E+00	8.43E+02	9.00E+00	9.00E+00	9.00E+00	1.32E+03	2.34E+04	2.12E+04	1.57E+04
2.98E+05	3.66E+05	4.22E+05	2.75E+05	4.19E+05	4.06E+05	8.69E+05	1.06E+06	9.36E+05
3.69E+04	4.07E+04	3.88E+04	4.33E+04	4.27E+04	3.19E+04	5.10E+04	6.25E+04	5.59E+04

8.22E+03	3.05E+04	3.01E+04	1.50E+04	1.76E+04	1.49E+04	8.45E+04	9.20E+04	6.51E+04
1.91E+05	1.73E+05	3.40E+05	1.34E+05	3.20E+05	1.98E+05	6.32E+06	6.18E+06	5.38E+06
1.10E+04	2.39E+04	1.80E+04	9.72E+03	1.72E+04	2.10E+04	4.52E+06	4.08E+06	4.24E+06
2.39E+05	1.97E+05	2.56E+05	2.12E+05	1.97E+05	1.93E+05	2.26E+06	2.31E+06	2.11E+06
1.79E+04	3.89E+04	1.43E+04	3.07E+04	4.08E+04	2.85E+04	1.17E+07	1.23E+07	1.14E+07
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.30E+04	1.17E+04	1.44E+04
6.72E+05	6.96E+05	1.08E+06	8.53E+05	8.10E+05	6.10E+05	5.16E+06	5.44E+06	5.29E+06
6.40E+04	1.82E+05	8.96E+04	5.69E+04	1.19E+05	8.21E+04	5.27E+07	5.07E+07	4.51E+07
8.50E+03	1.35E+04	1.97E+04	1.21E+04	8.80E+03	1.60E+04	2.15E+04	2.04E+04	2.13E+04
6.18E+05	4.78E+05	7.77E+05	6.46E+05	5.91E+05	5.37E+05	3.49E+06	3.63E+06	3.47E+06
5.40E+04	3.55E+04	6.37E+04	6.63E+04	4.86E+04	6.41E+04	8.25E+04	8.44E+04	7.34E+04
5.95E+05	6.52E+05	7.08E+05	6.42E+05	7.00E+05	5.74E+05	1.18E+07	9.50E+06	7.67E+06
3.70E+04	1.45E+05	7.90E+04	5.61E+04	1.37E+05	8.73E+04	3.18E+07	2.41E+07	2.01E+07
2.44E+04	5.70E+04	6.59E+04	3.95E+04	7.66E+04	2.02E+04	5.28E+05	4.22E+05	4.31E+05
1.31E+05	7.89E+04	9.48E+04	1.36E+05	1.33E+05	1.58E+05	1.03E+05	9.42E+04	9.45E+04
3.70E+03	2.74E+03	1.82E+03	9.43E+03	9.96E+03	2.28E+03	5.33E+04	8.67E+04	5.71E+04
2.68E+03	6.37E+03	4.69E+03	9.95E+03	3.31E+03	8.05E+03	1.15E+04	8.43E+03	6.04E+03
3.26E+03	2.80E+03	1.62E+03	4.86E+03	7.29E+03	3.64E+03	5.24E+05	5.32E+05	6.28E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.99E+03	9.00E+00	3.08E+05	3.76E+05	3.23E+05
1.70E+04	1.63E+04	1.27E+04	1.17E+04	1.93E+04	7.20E+03	6.92E+05	6.67E+05	6.05E+05
2.28E+04	2.86E+04	1.61E+04	2.23E+04	2.51E+04	2.36E+04	7.53E+05	7.71E+05	7.81E+05
9.00E+00	1.46E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.87E+06	1.66E+06	1.54E+06
5.79E+03	7.13E+03	6.19E+03	9.00E+00	1.28E+04	8.94E+03	1.67E+04	8.89E+03	2.40E+04
1.21E+04	4.91E+03	1.02E+04	6.27E+03	1.65E+04	1.42E+04	1.59E+04	2.14E+04	1.64E+04
5.93E+04	6.17E+04	4.10E+04	4.82E+04	4.59E+04	6.48E+04	6.92E+04	5.89E+04	7.42E+04
5.96E+03	8.79E+03	7.75E+03	8.71E+03	7.35E+03	1.03E+04	7.84E+03	6.63E+03	8.40E+03
2.09E+04	1.53E+04	1.30E+04	1.13E+04	1.14E+04	2.85E+04	2.30E+04	3.97E+04	3.63E+04
5.38E+05	6.18E+05	4.67E+05	4.34E+05	5.73E+05	7.90E+05	7.26E+05	7.11E+05	6.18E+05
1.15E+04	8.20E+03	1.12E+04	1.12E+04	1.01E+04	2.05E+04	1.45E+04	1.07E+04	1.20E+04
9.00E+00	9.00E+00	9.00E+00	1.87E+03	9.00E+00	9.00E+00	1.48E+05	1.56E+05	1.34E+05
5.43E+04	4.54E+04	4.16E+04	5.59E+04	4.06E+04	3.83E+04	1.27E+04	3.64E+04	2.33E+04
5.37E+05	4.21E+05	2.33E+05	6.79E+05	2.78E+05	2.65E+05	1.11E+05	1.06E+05	7.91E+04
9.69E+04	8.06E+04	7.48E+04	1.17E+05	7.71E+04	6.43E+04	2.89E+04	3.27E+04	2.94E+04
2.30E+04	1.99E+04	2.78E+04	2.10E+04	4.55E+04	4.06E+04	6.36E+04	5.23E+04	4.83E+04
3.27E+04	3.30E+04	2.48E+04	1.94E+04	3.26E+04	3.16E+04	6.35E+04	5.86E+04	6.19E+04
8.52E+05	9.57E+05	8.08E+05	6.25E+05	9.64E+05	1.07E+06	1.09E+06	1.08E+06	1.23E+06
2.22E+04	2.49E+04	2.82E+04	1.70E+04	1.33E+04	2.29E+04	2.31E+04	2.67E+04	2.66E+04
5.26E+03	1.34E+04	1.01E+04	1.05E+04	5.95E+03	1.14E+04	7.93E+05	8.75E+05	7.99E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.21E+05	1.06E+05	9.77E+04
4.92E+04	7.28E+04	3.74E+04	3.70E+04	8.41E+04	5.47E+04	4.97E+04	5.63E+04	7.34E+04
3.02E+04	4.35E+04	4.11E+04	1.99E+04	4.44E+04	5.20E+04	6.76E+04	4.84E+04	5.40E+04
1.00E+05	1.10E+05	1.10E+05	6.18E+04	9.51E+04	9.55E+04	6.71E+04	4.53E+04	5.57E+04
1.12E+05	1.18E+05	1.53E+05	7.94E+04	9.41E+04	1.13E+05	8.06E+04	8.82E+04	6.18E+04
2.74E+04	3.19E+04	4.52E+04	3.22E+04	5.85E+04	3.56E+04	2.23E+04	1.81E+04	1.99E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.45E+04	2.13E+04	2.45E+04
7.57E+04	9.62E+04	6.63E+04	5.87E+04	2.37E+04	7.37E+04	2.23E+05	2.87E+05	2.11E+05
5.62E+06	4.71E+06	5.35E+06	6.78E+06	3.35E+06	3.93E+06	1.14E+07	1.13E+07	9.32E+06
6.02E+05	4.95E+05	8.32E+04	1.80E+05	7.46E+04	2.97E+05	4.70E+05	4.31E+05	4.26E+05
2.60E+05	6.25E+04	2.38E+05	2.51E+05	2.06E+05	1.90E+05	7.04E+05	7.71E+05	8.52E+05
5.03E+06	4.45E+06	5.81E+06	5.61E+06	3.99E+06	4.77E+06	5.62E+06	5.22E+06	4.82E+06
2.08E+06	2.54E+06	4.08E+06	3.28E+06	3.78E+06	2.98E+06	3.74E+06	3.71E+06	4.06E+06
1.23E+06	1.23E+06	1.84E+06	1.61E+06	1.53E+06	1.39E+06	1.40E+06	1.58E+06	1.41E+06
9.00E+00	9.52E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.55E+05	1.70E+05	1.69E+05
3.98E+04	4.07E+04	3.55E+04	4.22E+04	4.60E+04	2.46E+04	2.58E+04	2.93E+04	2.93E+04

9.78E+05	7.55E+05	9.43E+05	1.02E+06	8.62E+05	6.56E+05	7.23E+05	8.43E+05	7.36E+05
3.89E+04	3.94E+04	4.05E+04	3.20E+04	5.27E+04	2.78E+04	3.89E+04	3.59E+04	3.44E+04
5.98E+04	8.09E+04	1.18E+05	1.17E+05	1.26E+05	4.32E+04	9.14E+04	8.51E+04	9.26E+04
1.41E+05	2.76E+05	3.31E+05	3.43E+05	3.77E+05	3.60E+05	3.08E+05	2.74E+05	2.87E+05
1.36E+05	1.66E+05	2.10E+05	1.92E+05	1.71E+05	1.79E+05	1.65E+05	1.62E+05	1.90E+05
2.58E+04	1.59E+04	3.01E+04	3.09E+04	9.00E+00	2.26E+04	6.24E+04	5.39E+04	8.42E+04
1.04E+05	8.20E+04	1.12E+05	8.27E+04	1.10E+05	9.00E+04	2.07E+05	2.14E+05	2.22E+05
5.26E+04	3.53E+04	6.68E+04	2.43E+04	9.21E+04	6.96E+04	1.22E+05	1.36E+05	1.26E+05
6.68E+04	5.88E+04	5.57E+04	6.60E+04	6.34E+04	7.22E+04	4.06E+04	3.91E+04	3.95E+04
8.11E+03	5.90E+03	1.29E+04	3.65E+03	1.16E+04	1.27E+04	5.59E+03	1.16E+04	1.12E+04
1.17E+04	1.26E+04	1.68E+04	1.50E+04	2.12E+04	1.60E+04	9.36E+03	9.61E+03	8.71E+03
1.86E+04	1.70E+04	2.04E+04	2.17E+04	2.25E+04	2.22E+04	2.10E+04	2.02E+04	1.80E+04
2.14E+04	1.72E+04	2.39E+04	2.04E+04	2.33E+04	2.50E+04	2.14E+04	2.01E+04	2.11E+04
5.24E+04	4.03E+04	2.83E+04	4.75E+04	3.61E+04	5.05E+04	2.40E+04	2.50E+04	2.37E+04
3.00E+05	2.29E+05	2.96E+05	2.62E+05	2.82E+05	3.45E+05	3.50E+05	3.40E+05	3.46E+05
1.35E+06	1.34E+06	1.59E+06	1.57E+06	1.71E+06	1.71E+06	3.48E+06	3.12E+06	2.70E+06
3.17E+07	2.35E+07	2.47E+07	2.55E+07	2.86E+07	3.84E+07	1.74E+07	1.65E+07	1.64E+07
3.08E+05	2.25E+05	2.81E+05	2.49E+05	3.11E+05	3.28E+05	2.27E+05	2.02E+05	1.77E+05
5.38E+06	4.77E+06	4.89E+06	5.14E+06	4.98E+06	5.92E+06	4.36E+06	3.96E+06	3.81E+06
1.14E+07	1.09E+07	1.00E+07	1.14E+07	1.51E+07	1.50E+07	8.08E+06	7.33E+06	7.08E+06
2.02E+06	1.58E+06	1.52E+06	1.55E+06	1.31E+06	2.29E+06	1.13E+06	1.19E+06	1.08E+06
3.20E+05	2.49E+05	2.50E+05	2.75E+05	2.31E+05	2.80E+05	2.68E+05	2.52E+05	2.39E+05
2.43E+06	2.26E+06	2.08E+06	2.31E+06	2.24E+06	2.88E+06	2.77E+06	2.93E+06	2.80E+06
1.37E+07	1.48E+07	1.11E+07	1.40E+07	1.39E+07	1.40E+07	8.12E+06	8.35E+06	8.29E+06
6.05E+04	6.40E+04	6.04E+04	7.30E+04	6.15E+04	8.82E+04	1.35E+05	1.16E+05	1.22E+05
4.77E+06	4.47E+06	4.24E+06	4.04E+06	4.72E+06	4.65E+06	5.76E+06	6.10E+06	5.93E+06
2.56E+07	2.42E+07	2.22E+07	2.43E+07	3.01E+07	3.01E+07	1.52E+07	1.54E+07	1.49E+07
7.44E+06	6.16E+06	6.66E+06	7.99E+06	5.60E+06	8.64E+06	3.56E+06	3.43E+06	3.42E+06
6.93E+06	5.79E+06	6.26E+06	7.10E+06	6.12E+06	8.01E+06	4.12E+06	4.11E+06	4.14E+06
9.53E+06	8.44E+06	8.44E+06	9.76E+06	9.93E+06	1.02E+07	6.23E+06	5.60E+06	5.46E+06
3.79E+07	3.06E+07	3.88E+07	4.31E+07	3.45E+07	5.13E+07	1.99E+07	1.96E+07	2.07E+07
2.16E+05	1.81E+05	2.00E+05	1.44E+05	3.99E+05	6.83E+05	2.17E+05	1.25E+05	1.27E+05
4.26E+04	3.45E+04	3.90E+04	3.32E+04	3.36E+04	5.77E+04	1.85E+04	2.00E+04	1.86E+04
3.19E+07	2.41E+07	2.62E+07	2.62E+07	2.83E+07	3.93E+07	1.86E+07	1.79E+07	1.72E+07
7.29E+06	5.60E+06	7.01E+06	6.01E+06	5.23E+06	1.04E+07	3.42E+06	3.36E+06	3.41E+06
5.96E+06	5.00E+06	5.15E+06	5.18E+06	6.22E+06	6.57E+06	3.76E+06	3.36E+06	3.38E+06
1.43E+06	1.70E+06	2.02E+06	2.29E+06	2.02E+06	2.61E+06	1.44E+06	1.55E+06	1.15E+06
1.09E+07	1.05E+07	9.78E+06	1.07E+07	1.44E+07	1.47E+07	8.09E+06	7.17E+06	7.07E+06
2.55E+07	2.20E+07	2.28E+07	2.53E+07	2.99E+07	3.07E+07	1.17E+07	1.17E+07	1.14E+07
7.81E+05	5.61E+05	4.79E+05	8.13E+05	5.66E+05	7.23E+05	2.24E+05	2.29E+05	2.15E+05
9.62E+06	7.40E+06	7.02E+06	8.11E+06	6.65E+06	1.12E+07	5.00E+06	5.15E+06	4.81E+06
2.83E+06	2.24E+06	2.32E+06	1.97E+06	1.40E+06	3.84E+06	1.49E+06	1.42E+06	1.37E+06
1.55E+06	1.35E+06	1.20E+06	1.51E+06	1.19E+06	1.75E+06	8.39E+05	8.01E+05	7.92E+05
9.48E+06	8.14E+06	7.94E+06	8.54E+06	6.80E+06	1.31E+07	6.90E+06	7.00E+06	6.81E+06
5.56E+06	5.14E+06	5.20E+06	5.64E+06	5.01E+06	9.29E+06	4.93E+06	4.67E+06	4.71E+06
1.43E+08	1.58E+08	1.20E+08	1.44E+08	1.65E+08	1.74E+08	7.81E+07	7.87E+07	7.34E+07
9.72E+06	8.90E+06	9.10E+06	8.36E+06	1.21E+07	1.24E+07	7.39E+06	6.83E+06	6.52E+06
8.09E+07	7.37E+07	4.64E+07	6.43E+07	7.42E+07	6.13E+07	3.00E+07	3.09E+07	3.12E+07
1.83E+05	1.40E+05	1.92E+05	2.37E+05	1.46E+05	1.45E+05	1.43E+05	1.36E+05	1.25E+05
1.51E+05	1.34E+05	1.35E+05	1.34E+05	1.31E+05	1.87E+05	1.57E+05	1.57E+05	1.47E+05
7.78E+04	7.27E+04	7.16E+04	8.00E+04	9.04E+04	1.69E+05	1.20E+05	1.20E+05	7.88E+04
5.64E+05	5.01E+05	5.60E+05	5.30E+05	5.87E+05	8.01E+05	8.49E+05	9.22E+05	8.45E+05
1.08E+07	9.63E+06	7.66E+06	9.20E+06	1.05E+07	8.49E+06	5.06E+06	4.97E+06	4.65E+06
1.75E+08	1.68E+08	1.65E+08	1.66E+08	2.01E+08	2.01E+08	1.22E+08	1.15E+08	1.10E+08

1.39E+05	1.73E+05	2.42E+05	2.99E+05	2.08E+05	1.69E+05	8.45E+04	1.28E+05	1.70E+05
1.21E+05	8.68E+04	8.88E+04	1.08E+05	9.91E+04	8.82E+04	9.49E+04	1.01E+05	9.32E+04
2.36E+04	2.01E+04	1.87E+04	2.10E+04	2.13E+04	2.42E+04	2.61E+04	2.16E+04	1.93E+04
1.33E+04	1.05E+04	1.33E+04	1.01E+04	1.67E+04	2.56E+04	2.15E+04	2.78E+04	2.78E+04
2.41E+05	2.30E+05	1.87E+05	2.61E+05	2.12E+05	2.25E+05	1.24E+05	1.21E+05	1.18E+05
4.45E+04	4.19E+04	3.97E+04	5.13E+04	4.49E+04	5.51E+04	2.23E+04	2.17E+04	2.22E+04
8.90E+06	8.53E+06	9.37E+06	1.01E+07	1.05E+07	1.12E+07	8.73E+06	7.95E+06	8.05E+06
5.89E+05	4.73E+05	4.68E+05	5.29E+05	5.37E+05	8.27E+05	7.75E+05	7.62E+05	7.43E+05
5.46E+06	4.70E+06	5.65E+06	4.93E+06	5.43E+06	6.50E+06	3.18E+06	3.02E+06	2.79E+06
7.08E+06	7.01E+06	7.40E+06	7.36E+06	7.62E+06	9.14E+06	6.33E+06	6.46E+06	6.21E+06
4.90E+05	4.89E+05	4.99E+05	5.11E+05	5.61E+05	7.28E+05	4.59E+05	4.48E+05	4.32E+05
1.03E+06	7.82E+05	1.03E+06	9.40E+05	8.98E+05	1.15E+06	3.86E+05	3.86E+05	3.79E+05
3.43E+05	3.03E+05	3.62E+05	3.34E+05	3.39E+05	4.35E+05	1.66E+05	1.59E+05	1.50E+05
1.16E+05	1.04E+05	1.14E+05	1.24E+05	1.49E+05	1.50E+05	1.25E+05	1.21E+05	1.13E+05
2.39E+04	2.69E+04	2.04E+04	2.87E+04	2.88E+04	3.53E+04	2.29E+04	2.38E+04	2.62E+04
1.22E+05	1.18E+05	1.27E+05	1.47E+05	1.38E+05	1.19E+05	7.22E+04	6.10E+04	5.83E+04
1.70E+04	1.64E+04	1.49E+04	1.17E+04	1.69E+04	2.60E+04	1.50E+04	1.43E+04	1.29E+04
3.41E+04	3.11E+04	3.77E+04	3.29E+04	4.08E+04	3.82E+04	2.50E+04	2.56E+04	2.58E+04
4.83E+04	3.72E+04	2.44E+04	2.15E+04	2.58E+04	2.91E+04	2.77E+04	2.84E+04	2.91E+04
5.33E+04	4.66E+04	5.17E+04	4.00E+04	6.85E+04	5.39E+04	3.27E+04	2.98E+04	3.07E+04
4.26E+05	2.90E+05	3.18E+05	3.74E+05	2.87E+05	4.76E+05	7.62E+05	7.14E+05	6.99E+05
5.74E+07	5.32E+07	3.81E+07	5.14E+07	6.21E+07	6.85E+07	3.74E+07	3.65E+07	3.64E+07
2.15E+06	1.63E+06	3.56E+06	1.76E+06	2.83E+06	4.70E+06	6.86E+06	6.94E+06	6.59E+06
8.57E+06	9.00E+06	7.16E+06	8.79E+06	1.03E+07	1.03E+07	8.13E+06	7.99E+06	7.61E+06
2.28E+05	2.04E+05	1.76E+05	2.06E+05	1.75E+05	2.58E+05	1.40E+06	1.50E+06	1.38E+06
2.18E+05	2.17E+05	1.88E+05	2.29E+05	2.04E+05	2.75E+05	3.09E+05	3.11E+05	2.91E+05
3.02E+06	3.19E+06	2.48E+06	3.03E+06	3.36E+06	3.63E+06	2.36E+06	2.35E+06	2.17E+06
2.98E+06	2.62E+06	1.97E+06	2.56E+06	2.86E+06	2.23E+06	2.08E+06	2.14E+06	2.05E+06
3.94E+07	3.32E+07	2.19E+07	3.14E+07	2.83E+07	3.77E+07	2.26E+07	2.24E+07	2.04E+07
1.00E+06	7.94E+05	7.89E+05	8.32E+05	8.06E+05	9.64E+05	6.49E+05	4.99E+05	6.49E+05
1.64E+06	1.32E+06	9.50E+05	1.20E+06	1.23E+06	1.93E+06	9.28E+05	9.40E+05	8.93E+05
2.54E+05	2.17E+05	1.80E+05	1.72E+05	1.13E+05	2.41E+05	1.26E+05	1.31E+05	1.22E+05
5.99E+07	5.07E+07	3.59E+07	5.01E+07	5.79E+07	6.43E+07	3.60E+07	3.47E+07	3.47E+07
2.53E+07	2.30E+07	2.28E+07	2.19E+07	2.02E+07	3.19E+07	1.63E+07	1.72E+07	1.63E+07
2.08E+06	1.69E+06	1.53E+06	1.80E+06	1.74E+06	2.66E+06	1.49E+06	1.33E+06	1.30E+06
1.42E+05	1.48E+05	1.27E+05	1.36E+05	1.79E+05	2.23E+05	1.11E+05	1.16E+05	1.06E+05
2.65E+04	2.38E+04	1.59E+04	2.30E+04	1.99E+04	3.53E+04	1.88E+04	1.50E+04	1.34E+04
7.72E+04	7.13E+04	4.51E+04	8.53E+04	6.89E+04	1.05E+05	5.80E+04	5.08E+04	5.63E+04
1.18E+06	1.01E+06	9.49E+05	9.70E+05	8.56E+05	1.77E+06	7.65E+05	8.02E+05	7.02E+05
2.34E+05	2.14E+05	2.01E+05	2.07E+05	2.00E+05	3.93E+05	3.56E+05	3.57E+05	3.39E+05
3.21E+06	3.31E+06	2.54E+06	3.29E+06	3.63E+06	3.75E+06	2.56E+06	2.45E+06	2.28E+06
1.77E+07	1.91E+07	1.54E+07	1.73E+07	2.22E+07	2.06E+07	1.92E+07	1.92E+07	1.86E+07
1.48E+06	1.29E+06	8.85E+05	1.31E+06	1.63E+06	1.13E+06	9.14E+05	9.20E+05	9.04E+05
1.60E+04	1.70E+04	1.25E+04	1.39E+04	1.54E+04	2.15E+04	3.01E+04	4.17E+04	4.57E+04
4.97E+03	1.67E+04	1.17E+04	1.08E+04	1.15E+04	1.18E+04	6.82E+04	6.78E+04	6.17E+04
3.60E+04	4.53E+04	4.86E+04	4.48E+04	4.93E+04	5.23E+04	3.89E+05	3.81E+05	3.55E+05
7.70E+05	7.72E+05	7.60E+05	7.61E+05	9.11E+05	8.62E+05	6.75E+06	6.63E+06	6.33E+06
8.67E+05	8.17E+05	6.94E+05	9.05E+05	8.86E+05	7.72E+05	9.64E+05	9.62E+05	1.01E+06
4.86E+07	4.54E+07	3.77E+07	4.74E+07	5.18E+07	5.31E+07	5.71E+07	5.88E+07	5.71E+07
6.10E+05	4.36E+05	4.23E+05	3.26E+05	4.18E+05	9.49E+05	9.80E+05	1.03E+06	9.83E+05
2.38E+04	1.57E+04	1.14E+04	9.27E+03	1.58E+04	2.96E+04	3.00E+04	2.69E+04	2.44E+04
4.03E+05	3.47E+05	3.24E+05	2.79E+05	3.46E+05	6.63E+05	7.66E+05	7.78E+05	7.54E+05
1.57E+05	9.69E+04	1.06E+05	7.27E+04	9.85E+04	2.12E+05	6.61E+05	6.56E+05	6.69E+05
9.36E+04	4.95E+04	6.49E+04	5.71E+04	5.79E+04	1.16E+05	4.94E+04	4.59E+04	5.43E+04

4.73E+05	3.90E+05	2.76E+05	4.35E+05	3.21E+05	4.83E+05	2.24E+05	2.25E+05	2.18E+05
4.35E+03	4.18E+03	1.91E+04	5.37E+03	1.93E+03	2.90E+03	1.87E+04	9.06E+03	1.75E+04
1.95E+05	1.18E+05	1.34E+05	1.43E+05	1.62E+05	2.16E+05	9.81E+04	9.94E+04	9.72E+04
2.06E+05	1.38E+05	1.29E+05	1.67E+05	1.26E+05	3.11E+05	1.20E+05	1.33E+05	1.32E+05
8.27E+05	6.21E+05	4.25E+05	8.20E+05	9.33E+05	1.35E+06	4.07E+05	3.42E+05	3.40E+05
8.25E+03	4.87E+03	3.93E+03	6.74E+03	4.20E+03	6.63E+03	3.36E+03	4.00E+03	4.92E+03
1.31E+04	1.28E+04	1.11E+04	1.84E+04	1.64E+04	1.58E+04	1.50E+04	1.52E+04	1.43E+04
9.89E+03	1.63E+04	9.40E+03	1.14E+04	2.11E+04	2.38E+04	1.35E+04	1.04E+04	1.55E+04
2.42E+04	2.06E+04	2.54E+04	2.87E+04	2.81E+04	2.90E+04	6.86E+04	6.46E+04	6.29E+04
9.81E+03	8.80E+03	1.56E+04	1.44E+04	1.20E+04	7.83E+03	2.24E+04	2.37E+04	2.33E+04
8.26E+03	6.72E+03	5.03E+03	7.08E+03	7.31E+03	5.23E+03	3.66E+03	3.81E+03	3.97E+03
2.18E+05	1.71E+05	1.13E+05	1.48E+05	1.57E+05	1.49E+05	1.50E+05	1.44E+05	1.38E+05
4.32E+04	2.97E+04	2.56E+04	2.94E+04	3.41E+04	3.56E+04	2.81E+04	2.62E+04	2.77E+04
2.43E+06	1.82E+06	1.80E+06	2.00E+06	2.46E+06	2.29E+06	1.74E+06	1.63E+06	1.99E+06
6.56E+04	6.37E+04	6.93E+04	7.15E+04	5.46E+04	5.44E+04	8.69E+04	8.06E+04	7.44E+04
2.00E+04	1.57E+04	1.22E+04	2.03E+04	1.90E+04	1.60E+04	1.32E+04	1.57E+04	1.22E+04
5.72E+04	3.26E+04	2.75E+04	4.50E+04	3.40E+04	6.54E+04	2.98E+04	3.00E+04	2.95E+04
1.84E+03	2.35E+03	2.58E+03	2.08E+03	1.99E+03	2.32E+03	2.72E+03	2.30E+03	2.85E+03
2.89E+04	4.79E+04	2.33E+04	3.53E+04	5.28E+04	5.05E+04	3.13E+04	2.95E+04	2.35E+04
1.84E+05	1.56E+05	1.23E+05	1.51E+05	1.64E+05	1.66E+05	1.56E+05	1.77E+05	1.65E+05
1.89E+05	1.14E+05	1.12E+05	1.15E+05	1.21E+05	1.31E+05	1.23E+05	1.24E+05	1.22E+05
2.57E+03	2.72E+03	4.64E+03	2.11E+03	2.87E+03	2.72E+03	1.96E+04	1.60E+04	2.47E+04
6.27E+03	4.68E+03	5.24E+03	2.55E+03	3.98E+03	5.19E+03	5.57E+03	4.04E+03	3.13E+03
8.19E+03	6.99E+03	5.56E+03	7.28E+03	5.06E+03	3.79E+03	6.64E+03	5.62E+03	7.83E+03
8.93E+04	9.02E+04	1.09E+05	6.55E+04	7.88E+04	1.08E+05	7.78E+04	8.01E+04	7.84E+04
4.16E+03	3.00E+03	3.83E+03	3.16E+03	3.75E+03	4.24E+03	3.73E+03	2.81E+03	3.12E+03
4.31E+03	3.85E+03	3.27E+03	9.19E+03	9.00E+00	3.96E+03	1.47E+04	1.69E+04	1.78E+04
1.15E+05	1.01E+05	1.03E+05	1.17E+05	8.12E+04	9.36E+04	3.04E+05	3.26E+05	3.03E+05
4.41E+05	5.13E+05	4.21E+05	4.64E+05	4.73E+05	5.93E+05	6.84E+05	7.15E+05	6.52E+05
3.95E+05	4.75E+05	3.93E+05	4.10E+05	4.30E+05	5.11E+05	5.88E+05	6.26E+05	5.35E+05
2.95E+04	3.17E+04	1.79E+04	3.64E+04	2.83E+04	4.54E+04	3.39E+04	3.24E+04	3.25E+04
1.46E+04	1.86E+04	9.48E+03	1.49E+04	2.25E+04	3.68E+04	3.21E+04	3.43E+04	3.23E+04
2.89E+03	2.43E+03	2.71E+03	2.45E+03	4.78E+03	6.49E+03	7.58E+03	8.89E+03	9.25E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.12E+05	1.02E+05	1.02E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.81E+04	5.36E+04	6.04E+04
4.19E+04	4.48E+04	4.18E+04	3.88E+04	4.16E+04	2.94E+04	3.84E+04	2.43E+04	4.10E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.81E+03	5.48E+03	1.43E+06	1.14E+06	1.19E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.80E+05	1.79E+05	1.39E+05
3.98E+04	4.14E+04	2.89E+04	4.18E+04	4.82E+04	3.82E+04	4.52E+04	4.06E+04	4.38E+04
3.69E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.89E+05	1.00E+06	6.71E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.67E+04	7.15E+04	1.03E+05
3.62E+04	2.23E+04	3.43E+04	3.14E+04	2.99E+04	2.58E+04	4.44E+04	5.47E+04	3.55E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.55E+05	1.31E+05	1.40E+05
2.40E+04	2.04E+04	1.97E+04	2.05E+04	2.01E+04	2.69E+04	1.72E+04	2.21E+04	1.82E+04
1.05E+04	1.48E+04	9.77E+03	1.03E+04	1.28E+04	9.88E+03	1.25E+04	1.10E+04	1.30E+04
1.26E+06	1.06E+06	1.08E+06	1.06E+06	1.00E+06	1.38E+06	8.97E+05	8.72E+05	9.28E+05
1.64E+04	1.37E+04	1.43E+04	1.49E+04	1.46E+04	1.41E+04	1.94E+04	2.02E+04	1.80E+04
5.06E+04	5.36E+04	4.55E+04	6.45E+04	5.50E+04	5.39E+04	5.55E+04	5.10E+04	4.72E+04
3.85E+04	3.68E+04	3.33E+04	3.93E+04	3.88E+04	3.26E+04	4.70E+04	4.59E+04	5.50E+04
1.41E+05	1.09E+05	1.25E+05	4.79E+04	4.71E+04	5.60E+04	2.03E+05	1.96E+05	1.87E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.79E+04	9.00E+00	2.95E+05	2.90E+05	2.97E+05
1.02E+05	1.20E+05	6.15E+04	1.45E+05	7.13E+04	7.51E+04	3.18E+05	3.42E+05	3.18E+05
2.61E+04	2.22E+04	2.17E+04	2.24E+04	2.06E+04	1.65E+04	2.74E+06	2.68E+06	2.63E+06
1.07E+05	5.46E+04	1.13E+05	1.16E+05	6.84E+04	5.22E+04	3.14E+05	2.90E+05	3.25E+05

2.94E+05	2.94E+05	2.91E+05	4.23E+05	2.98E+05	1.99E+05	5.36E+05	4.98E+05	4.57E+05
4.22E+05	3.69E+05	2.98E+05	4.88E+05	2.43E+05	2.29E+05	2.53E+06	2.33E+06	2.34E+06
4.16E+05	3.59E+05	2.91E+05	4.66E+05	1.81E+05	1.61E+05	1.60E+05	1.61E+05	1.64E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.46E+05	7.29E+05	5.83E+05
6.98E+04	6.65E+04	7.76E+04	7.80E+04	6.96E+04	5.85E+04	3.79E+05	3.77E+05	3.11E+05
3.18E+04	6.28E+04	6.87E+04	5.27E+04	4.37E+04	3.47E+04	2.72E+05	1.52E+05	1.81E+05
5.29E+05	4.25E+05	4.69E+05	4.89E+05	4.29E+05	4.04E+05	2.42E+06	2.40E+06	2.46E+06
2.48E+05	2.56E+05	2.89E+05	2.66E+05	2.49E+05	2.20E+05	3.99E+06	4.21E+06	4.30E+06
2.67E+05	2.19E+05	2.24E+05	2.88E+05	2.78E+05	1.88E+05	7.15E+05	6.73E+05	7.04E+05
8.58E+04	6.02E+04	6.31E+04	7.12E+04	7.20E+04	5.85E+04	1.15E+06	1.34E+06	1.11E+06
7.65E+03	9.49E+03	7.70E+03	4.39E+03	5.14E+03	1.05E+04	4.76E+03	5.69E+03	5.74E+03
2.17E+05	2.26E+05	1.43E+05	2.98E+05	1.11E+05	1.56E+05	3.26E+05	3.90E+05	3.43E+05
8.37E+04	9.01E+04	6.73E+04	6.98E+04	5.62E+04	9.00E+00	5.01E+04	4.90E+04	7.46E+04
3.62E+04	1.97E+04	3.15E+04	2.95E+04	1.73E+04	2.57E+04	2.39E+05	2.65E+05	2.73E+05
1.19E+05	1.23E+05	1.99E+05	1.68E+05	1.15E+05	7.62E+04	1.36E+05	1.71E+05	1.84E+05
7.05E+03	7.94E+03	8.32E+03	8.40E+03	1.16E+04	6.07E+03	2.99E+04	2.48E+04	2.60E+04
2.66E+04	4.53E+04	5.35E+04	4.56E+04	4.84E+04	4.31E+04	6.39E+04	7.80E+04	5.75E+04
2.15E+05	1.87E+05	2.00E+05	2.12E+05	1.74E+05	2.38E+05	4.46E+05	3.94E+05	4.29E+05
5.49E+05	5.88E+05	6.54E+05	6.36E+05	7.24E+05	5.99E+05	5.96E+06	6.27E+06	6.01E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.88E+03	3.34E+03	2.45E+04	2.22E+04	2.49E+04
1.31E+05	1.38E+05	1.70E+05	1.42E+05	1.54E+05	1.24E+05	6.71E+06	6.22E+06	6.40E+06
1.44E+05	1.24E+05	1.37E+05	1.33E+05	1.50E+05	1.54E+05	4.36E+06	4.53E+06	4.21E+06
1.87E+04	1.19E+04	1.57E+04	2.36E+04	2.81E+04	1.87E+04	2.82E+05	2.04E+05	2.65E+05
9.00E+00	9.00E+00	1.19E+04	9.00E+00	9.00E+00	9.00E+00	5.40E+05	5.36E+05	5.27E+05
3.94E+05	3.04E+05	3.76E+05	3.88E+05	4.12E+05	2.79E+05	7.15E+06	6.39E+06	6.21E+06
9.00E+00	3.27E+03	9.00E+00	1.63E+03	9.00E+00	9.00E+00	5.30E+04	3.26E+04	4.58E+04
8.35E+04	7.66E+04	1.01E+05	7.46E+04	9.84E+04	6.80E+04	3.93E+06	4.17E+06	4.14E+06
6.60E+04	5.82E+04	6.17E+04	7.04E+04	9.01E+04	4.84E+04	9.34E+04	8.80E+04	9.02E+04
1.88E+04	8.44E+03	1.17E+04	1.34E+04	1.77E+04	2.42E+04	4.31E+04	5.03E+04	5.96E+04
3.98E+05	3.56E+05	3.91E+05	4.12E+05	6.26E+05	3.98E+05	1.25E+06	1.22E+06	1.09E+06
1.26E+05	1.12E+05	1.14E+05	1.56E+05	2.34E+05	1.31E+05	1.35E+05	1.78E+05	1.40E+05
2.67E+05	2.50E+05	2.72E+05	4.01E+05	2.58E+05	2.16E+05	8.66E+05	7.73E+05	8.80E+05
2.04E+03	2.93E+03	2.74E+03	2.24E+03	3.72E+03	3.36E+03	1.08E+04	9.76E+03	1.28E+04
1.42E+03	2.16E+03	1.31E+03	1.49E+03	9.59E+02	2.51E+03	3.13E+04	2.15E+04	2.46E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.47E+03	9.00E+00	1.20E+04	1.07E+04	1.11E+04
1.57E+04	1.22E+04	2.26E+04	1.46E+04	1.73E+04	1.67E+04	7.37E+04	7.11E+04	7.79E+04
4.38E+03	5.69E+03	7.03E+03	8.53E+03	6.36E+03	1.64E+03	3.68E+04	2.28E+04	3.55E+04
7.04E+05	8.01E+05	6.35E+05	7.09E+05	6.91E+05	8.74E+05	1.09E+06	1.05E+06	1.08E+06
2.96E+04	3.20E+04	2.48E+04	1.99E+04	1.60E+04	3.27E+04	2.71E+04	2.43E+04	2.06E+04
1.23E+05	6.90E+04	9.44E+04	1.75E+05	5.78E+04	6.49E+04	5.63E+05	6.13E+05	6.32E+05
1.44E+04	1.71E+04	1.39E+04	1.07E+04	2.56E+04	1.39E+04	1.47E+04	2.08E+04	2.43E+04
1.78E+04	1.53E+04	1.54E+04	1.69E+04	1.51E+04	1.33E+04	2.08E+04	1.87E+04	1.86E+04
1.64E+05	1.58E+05	1.52E+05	1.61E+05	1.61E+05	1.61E+05	1.91E+05	1.76E+05	1.67E+05
2.32E+06	2.19E+06	1.94E+06	2.81E+06	2.42E+06	1.46E+06	1.97E+06	1.61E+06	1.75E+06
1.19E+05	1.10E+05	9.98E+04	1.18E+05	1.24E+05	5.66E+04	7.04E+04	8.98E+04	7.45E+04
2.56E+06	1.92E+06	1.70E+06	2.19E+06	2.68E+06	1.67E+06	1.76E+06	1.96E+06	1.73E+06
2.07E+06	2.06E+06	2.15E+06	2.23E+06	1.98E+06	1.49E+06	1.50E+06	1.25E+06	1.44E+06
1.92E+05	1.80E+05	2.56E+05	3.87E+05	1.82E+05	1.71E+05	5.38E+05	4.83E+05	5.12E+05
2.28E+04	2.02E+04	2.87E+04	2.86E+04	2.20E+04	2.46E+04	2.80E+04	4.67E+04	2.49E+04
2.56E+04	1.13E+04	3.19E+04	3.97E+04	1.55E+04	1.83E+04	1.37E+04	1.93E+04	2.10E+04
7.05E+04	5.24E+04	9.85E+04	1.03E+05	6.59E+04	3.79E+04	4.42E+04	4.35E+04	3.70E+04
1.02E+06	1.13E+06	1.18E+06	1.36E+06	1.41E+06	1.10E+06	1.67E+06	1.96E+06	2.02E+06
3.10E+06	2.46E+06	3.27E+06	4.16E+06	2.72E+06	2.46E+06	1.88E+06	1.67E+06	1.63E+06
1.15E+05	8.93E+04	1.75E+05	1.49E+05	8.26E+04	9.00E+00	2.94E+05	3.24E+05	2.65E+05

1.01E+07	9.21E+06	1.21E+07	1.39E+07	1.08E+07	8.24E+06	6.18E+06	6.27E+06	6.27E+06
8.22E+05	7.59E+05	6.59E+05	1.04E+06	6.52E+05	5.70E+05	4.00E+05	3.89E+05	3.71E+05
1.07E+05	9.47E+04	1.46E+05	1.40E+05	1.09E+05	9.45E+04	6.94E+04	6.81E+04	7.53E+04
1.50E+04	1.52E+04	1.23E+04	1.61E+04	9.05E+03	9.00E+00	1.76E+04	1.95E+04	2.00E+04
7.06E+05	8.19E+05	9.23E+05	7.67E+05	5.55E+05	5.29E+05	8.11E+05	8.92E+05	9.05E+05
1.54E+05	1.70E+05	1.55E+05	1.87E+05	1.66E+05	1.71E+05	1.87E+05	1.81E+05	1.78E+05
4.41E+04	3.97E+04	5.48E+04	5.64E+04	4.36E+04	3.75E+04	6.54E+04	5.81E+04	5.53E+04
2.19E+04	3.06E+04	4.02E+04	5.00E+04	4.22E+04	2.35E+04	3.70E+04	3.85E+04	2.74E+04
8.12E+04	7.45E+04	9.19E+04	8.39E+04	6.72E+04	7.36E+04	6.88E+04	6.65E+04	5.51E+04
1.77E+05	1.67E+05	1.77E+05	2.03E+05	1.43E+05	1.30E+05	1.58E+05	1.72E+05	1.99E+05
7.92E+06	7.92E+06	8.33E+06	8.32E+06	7.04E+06	7.92E+06	3.58E+07	3.61E+07	3.61E+07
1.62E+06	1.32E+06	1.69E+06	1.60E+06	8.21E+05	1.09E+06	1.40E+06	1.36E+06	1.35E+06
4.48E+04	4.25E+04	8.17E+04	6.41E+04	5.75E+04	5.48E+04	4.59E+04	4.71E+04	4.69E+04
4.97E+05	5.09E+05	3.81E+05	4.60E+05	5.50E+05	3.37E+05	1.14E+06	1.08E+06	1.16E+06
5.35E+04	4.42E+04	5.24E+04	7.22E+04	4.43E+04	1.09E+04	7.85E+04	9.46E+04	8.30E+04
9.90E+06	9.42E+06	1.13E+07	9.80E+06	1.12E+07	1.10E+07	8.10E+06	7.59E+06	8.37E+06
7.78E+05	7.46E+05	7.49E+05	1.05E+06	7.01E+05	5.19E+05	4.14E+05	3.96E+05	4.61E+05
1.47E+06	1.54E+06	1.97E+06	2.09E+06	1.68E+06	1.27E+06	1.14E+06	1.14E+06	1.29E+06
2.38E+05	2.66E+05	3.57E+05	2.45E+05	2.50E+05	2.75E+05	2.70E+05	2.37E+05	2.27E+05
1.25E+05	5.93E+04	2.07E+05	1.57E+05	1.76E+05	6.95E+04	3.17E+06	2.87E+06	2.97E+06
1.11E+06	5.17E+05	1.53E+06	1.43E+06	1.76E+06	1.25E+06	1.12E+06	1.23E+06	1.21E+06
4.80E+05	4.87E+05	5.17E+05	5.24E+05	4.44E+05	5.09E+05	5.81E+05	6.03E+05	5.77E+05
4.31E+05	4.23E+05	5.11E+05	4.50E+05	5.31E+05	4.34E+05	7.16E+05	6.96E+05	7.05E+05
5.13E+04	4.55E+04	5.63E+04	2.56E+04	4.24E+04	2.52E+04	9.50E+05	1.07E+06	1.04E+06
9.00E+06	8.25E+06	8.73E+06	9.85E+06	8.87E+06	8.37E+06	8.00E+06	7.99E+06	8.05E+06
1.93E+05	1.49E+05	1.89E+05	2.22E+05	1.50E+05	1.54E+05	6.15E+05	5.40E+05	5.85E+05
1.10E+07	1.23E+07	1.47E+07	1.46E+07	1.23E+07	1.13E+07	7.38E+07	6.84E+07	7.32E+07
2.01E+06	1.64E+06	2.04E+06	2.35E+06	1.38E+06	1.33E+06	3.20E+06	2.92E+06	3.08E+06
1.00E+05	1.11E+05	1.56E+05	1.57E+05	1.01E+05	1.14E+05	8.86E+05	8.19E+05	9.47E+05
6.95E+06	9.93E+06	1.31E+07	9.80E+06	1.22E+07	1.21E+07	9.95E+06	1.07E+07	1.17E+07
7.57E+07	7.07E+07	7.41E+07	7.83E+07	7.71E+07	7.00E+07	4.52E+08	4.35E+08	4.36E+08
1.58E+07	1.39E+07	1.57E+07	1.71E+07	1.27E+07	1.42E+07	2.86E+07	2.65E+07	2.72E+07
1.75E+07	1.81E+07	1.97E+07	2.13E+07	1.81E+07	1.60E+07	1.36E+07	1.31E+07	1.29E+07
9.91E+07	9.14E+07	9.11E+07	1.15E+08	9.28E+07	8.33E+07	5.66E+07	5.10E+07	5.13E+07
2.93E+05	3.17E+05	4.03E+05	2.55E+05	2.47E+05	3.06E+05	4.57E+06	4.11E+06	4.25E+06
4.27E+05	6.28E+05	5.20E+05	5.89E+05	4.79E+05	4.49E+05	8.05E+05	7.88E+05	8.65E+05
1.04E+07	9.48E+06	1.10E+07	1.02E+07	1.02E+07	1.06E+07	9.43E+06	8.43E+06	8.57E+06
1.54E+07	1.75E+07	1.98E+07	1.94E+07	1.31E+07	1.66E+07	1.58E+07	1.52E+07	1.67E+07
2.12E+07	2.19E+07	2.00E+07	2.20E+07	2.12E+07	1.68E+07	1.15E+07	1.19E+07	1.20E+07
1.37E+04	2.13E+04	1.79E+04	1.53E+04	1.81E+04	1.63E+04	7.90E+04	7.78E+04	7.64E+04
2.73E+04	2.85E+04	3.27E+04	3.27E+04	3.20E+04	2.81E+04	1.56E+05	1.58E+05	1.57E+05
2.78E+06	2.58E+06	3.91E+06	2.75E+06	2.85E+06	3.27E+06	3.97E+06	3.78E+06	3.78E+06
1.23E+07	1.31E+07	1.42E+07	1.37E+07	1.43E+07	1.22E+07	1.35E+07	1.29E+07	1.19E+07
2.40E+05	2.43E+05	2.04E+05	2.19E+05	2.53E+05	2.79E+05	6.93E+05	7.35E+05	7.53E+05
4.17E+03	4.44E+03	5.27E+03	4.76E+03	4.40E+03	3.36E+03	6.17E+03	6.48E+03	5.79E+03
5.49E+05	4.27E+05	4.77E+05	5.58E+05	2.81E+05	2.49E+05	2.18E+05	2.39E+05	2.19E+05
4.53E+05	2.24E+05	7.92E+05	4.72E+05	4.32E+05	5.62E+05	2.42E+05	2.58E+05	2.33E+05
1.12E+06	1.09E+06	1.39E+06	1.22E+06	8.19E+05	1.08E+06	8.04E+05	8.32E+05	8.61E+05
3.15E+06	3.13E+06	4.46E+06	3.85E+06	4.11E+06	2.80E+06	2.12E+06	1.91E+06	2.11E+06
1.31E+05	1.09E+05	1.34E+05	1.51E+05	1.17E+05	9.35E+04	5.84E+04	6.26E+04	5.34E+04
7.01E+04	6.35E+04	9.48E+04	1.00E+05	6.87E+04	8.28E+04	4.64E+04	4.59E+04	5.19E+04
4.77E+07	4.48E+07	5.48E+07	6.25E+07	5.72E+07	4.66E+07	3.37E+07	3.50E+07	3.54E+07
5.76E+05	4.99E+05	5.68E+05	5.56E+05	6.60E+05	5.06E+05	7.39E+05	7.37E+05	7.16E+05
1.40E+05	1.13E+05	9.80E+04	1.47E+05	1.57E+04	8.36E+04	1.28E+05	1.38E+05	1.20E+05

8.50E+05	1.13E+06	9.21E+05	8.33E+05	6.77E+05	7.87E+05	1.42E+06	1.45E+06	1.49E+06
2.25E+06	2.07E+06	1.73E+06	2.67E+06	1.39E+06	2.08E+06	1.20E+06	1.30E+06	1.21E+06
4.66E+05	5.42E+05	5.50E+05	5.25E+05	5.09E+05	4.74E+05	2.85E+05	2.95E+05	2.91E+05
1.49E+05	1.29E+05	9.00E+04	1.59E+05	1.15E+05	8.86E+04	6.56E+04	6.77E+04	6.87E+04
2.50E+05	2.56E+05	3.02E+05	2.40E+05	1.77E+05	2.35E+05	2.22E+05	1.97E+05	1.71E+05
8.96E+06	9.45E+06	1.13E+07	9.11E+06	8.73E+06	1.06E+07	7.76E+06	7.66E+06	7.21E+06
8.79E+06	9.47E+06	1.12E+07	8.15E+06	7.69E+06	9.31E+06	6.35E+06	7.20E+06	6.61E+06
5.07E+04	3.73E+04	5.12E+04	2.02E+04	5.37E+04	3.28E+04	1.34E+05	1.35E+05	1.22E+05
7.11E+07	6.07E+07	5.76E+07	6.12E+07	6.73E+07	4.84E+07	1.07E+08	1.23E+08	1.05E+08
2.79E+05	2.48E+05	3.13E+05	2.85E+05	3.23E+05	2.86E+05	5.97E+05	5.48E+05	5.31E+05
4.62E+06	3.80E+06	4.13E+06	4.08E+06	3.99E+06	3.44E+06	1.76E+07	1.74E+07	1.68E+07
1.13E+07	1.51E+07	1.52E+07	1.55E+07	1.05E+07	1.55E+07	1.30E+07	1.28E+07	1.29E+07
3.73E+07	3.42E+07	3.14E+07	3.14E+07	3.29E+07	2.81E+07	3.05E+07	3.28E+07	3.19E+07
1.29E+07	1.10E+07	1.15E+07	1.08E+07	1.26E+07	1.09E+07	6.14E+06	6.59E+06	6.12E+06
9.92E+06	9.73E+06	1.14E+07	9.36E+06	1.25E+07	1.12E+07	1.32E+07	1.26E+07	1.34E+07
9.00E+00	9.00E+00	9.00E+00	9.92E+03	9.00E+00	9.00E+00	3.45E+04	3.58E+04	3.38E+04
4.08E+05	3.97E+05	4.09E+05	3.92E+05	3.85E+05	3.56E+05	1.53E+06	1.53E+06	1.43E+06
8.84E+05	6.37E+05	7.25E+05	6.01E+05	8.02E+05	5.06E+05	4.31E+05	4.11E+05	4.27E+05
1.27E+07	1.24E+07	1.15E+07	1.15E+07	1.41E+07	1.13E+07	8.97E+06	9.67E+06	8.87E+06
3.57E+05	3.70E+05	3.55E+05	3.71E+05	3.06E+05	2.86E+05	8.77E+05	8.86E+05	7.95E+05
9.41E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.42E+04	6.63E+04	6.34E+04	6.12E+04
5.47E+06	4.58E+06	7.47E+06	5.93E+06	4.03E+06	6.72E+06	1.01E+07	9.61E+06	9.98E+06
6.15E+06	5.92E+06	9.10E+06	6.29E+06	6.65E+06	6.17E+06	5.15E+06	5.04E+06	5.23E+06
2.04E+05	1.92E+05	2.79E+05	2.19E+05	1.83E+05	2.18E+05	4.57E+05	4.35E+05	4.86E+05
1.21E+05	1.48E+05	1.67E+05	1.34E+05	3.19E+04	1.51E+05	9.98E+04	1.21E+05	8.84E+04
9.00E+00	1.16E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.46E+05	1.58E+05	1.44E+05
1.85E+05	1.69E+05	2.29E+05	2.07E+05	1.40E+05	1.92E+05	1.11E+06	1.07E+06	1.06E+06
2.85E+06	2.76E+06	4.15E+06	2.49E+06	2.54E+06	3.46E+06	3.85E+06	3.78E+06	3.64E+06
4.79E+05	3.82E+05	3.29E+05	4.91E+05	2.70E+05	3.09E+05	2.16E+05	2.23E+05	2.62E+05
1.29E+04	1.33E+04	1.53E+04	1.50E+04	1.25E+04	1.29E+04	5.13E+05	5.17E+05	5.06E+05
9.00E+00	9.00E+00	1.76E+04	9.00E+00	9.00E+00	9.00E+00	2.94E+05	2.94E+05	3.07E+05
1.16E+05	1.06E+05	1.47E+05	1.41E+05	1.04E+05	1.49E+05	1.35E+05	1.42E+05	1.21E+05
1.91E+06	1.72E+06	2.57E+06	1.99E+06	1.73E+06	1.75E+06	2.14E+06	2.27E+06	2.15E+06
3.40E+05	3.64E+05	2.82E+05	3.71E+05	3.32E+05	3.34E+05	5.23E+05	5.08E+05	5.78E+05
5.51E+06	5.22E+06	7.05E+06	6.24E+06	6.93E+06	6.71E+06	4.14E+06	4.15E+06	4.58E+06
2.72E+05	2.70E+05	3.80E+05	3.72E+05	4.36E+05	3.79E+05	2.75E+05	2.50E+05	2.33E+05
2.75E+05	2.76E+05	3.59E+05	3.33E+05	4.04E+05	3.48E+05	2.05E+05	2.63E+05	2.36E+05
2.84E+05	3.15E+05	2.82E+05	3.28E+05	2.65E+05	2.96E+05	1.80E+05	1.88E+05	1.96E+05
4.94E+05	5.89E+05	5.30E+05	6.02E+05	5.41E+05	4.96E+05	2.57E+05	2.43E+05	2.74E+05
2.61E+06	2.74E+06	3.77E+06	2.77E+06	3.62E+06	3.31E+06	1.87E+06	1.89E+06	1.89E+06
2.94E+05	2.71E+05	2.71E+05	3.35E+05	2.92E+05	1.83E+05	1.45E+05	1.31E+05	1.39E+05
3.70E+04	3.25E+04	2.04E+04	4.07E+04	4.28E+04	1.64E+04	3.48E+04	3.28E+04	3.64E+04
8.89E+04	9.50E+04	1.17E+05	7.59E+04	1.33E+05	1.33E+05	6.13E+04	5.06E+04	5.79E+04
1.54E+06	1.68E+06	1.81E+06	1.57E+06	1.98E+06	1.56E+06	1.17E+06	1.13E+06	1.31E+06
2.81E+05	2.63E+05	3.66E+05	3.73E+05	2.49E+05	2.94E+05	1.66E+05	1.79E+05	1.49E+05
5.10E+06	4.21E+06	4.52E+06	4.15E+06	3.23E+06	4.55E+06	1.07E+07	1.02E+07	1.06E+07
1.96E+07	1.63E+07	1.86E+07	1.82E+07	1.57E+07	2.24E+07	2.43E+07	2.48E+07	2.52E+07
1.40E+07	1.18E+07	1.42E+07	1.18E+07	1.21E+07	1.64E+07	1.76E+07	1.63E+07	1.72E+07
8.46E+04	5.99E+04	1.00E+05	8.16E+04	5.66E+04	7.48E+04	6.92E+04	6.73E+04	8.45E+04
2.86E+06	2.60E+06	2.39E+06	2.72E+06	2.08E+06	2.38E+06	3.04E+06	3.36E+06	3.04E+06
3.75E+05	4.76E+05	5.44E+05	4.38E+05	3.16E+05	4.37E+05	3.34E+05	3.36E+05	4.02E+05
7.33E+04	6.75E+04	7.42E+04	7.76E+04	4.32E+04	7.92E+04	3.89E+04	5.57E+04	4.92E+04
7.91E+04	7.80E+04	1.28E+05	9.37E+04	9.26E+04	8.27E+04	1.48E+05	1.77E+05	1.48E+05
7.29E+06	6.54E+06	8.13E+06	7.00E+06	6.50E+06	7.42E+06	9.43E+06	9.23E+06	9.38E+06

2.72E+05	2.64E+05	2.80E+05	2.94E+05	1.58E+05	2.49E+05	2.00E+05	2.37E+05	2.21E+05
5.28E+04	3.27E+04	9.45E+04	5.92E+04	3.86E+04	2.44E+04	1.09E+05	1.06E+05	8.73E+04
4.20E+06	4.15E+06	4.33E+06	4.43E+06	3.62E+06	4.82E+06	7.66E+06	8.21E+06	7.31E+06
1.42E+06	1.71E+06	1.86E+06	1.91E+06	1.28E+06	1.66E+06	8.48E+05	9.21E+05	8.84E+05
1.08E+05	1.01E+05	1.37E+05	8.67E+04	1.21E+05	1.35E+05	9.84E+04	9.07E+04	8.89E+04
4.52E+05	3.72E+05	5.38E+05	4.22E+05	4.71E+05	4.67E+05	5.03E+06	4.92E+06	5.04E+06
1.15E+06	9.90E+05	1.64E+06	1.42E+06	1.46E+06	1.38E+06	8.64E+05	9.74E+05	9.87E+05
4.69E+07	4.28E+07	5.46E+07	4.54E+07	5.68E+07	5.83E+07	6.03E+07	6.47E+07	5.91E+07
4.96E+05	4.44E+05	6.07E+05	4.46E+05	6.05E+05	5.78E+05	5.03E+05	5.18E+05	5.33E+05
4.23E+04	3.70E+04	2.59E+04	5.24E+04	2.78E+04	5.36E+04	7.19E+04	7.29E+04	4.41E+04
5.50E+05	5.00E+05	6.77E+05	6.06E+05	5.85E+05	7.30E+05	9.41E+05	8.06E+05	9.32E+05
8.20E+05	7.08E+05	6.84E+05	7.96E+05	7.79E+05	4.26E+05	4.47E+05	3.64E+05	4.19E+05
4.44E+05	4.73E+05	5.43E+05	4.84E+05	3.57E+05	3.46E+05	1.50E+06	1.73E+06	1.45E+06
5.28E+04	6.62E+04	7.25E+04	7.03E+04	4.72E+04	5.57E+04	1.45E+05	1.32E+05	1.45E+05
4.14E+07	2.77E+07	2.92E+07	2.68E+07	3.14E+07	2.95E+07	3.45E+07	3.49E+07	3.37E+07
4.24E+03	3.58E+03	3.02E+03	3.59E+03	2.62E+03	2.80E+03	5.65E+04	5.36E+04	5.38E+04
1.78E+04	1.68E+04	1.30E+04	1.37E+04	1.38E+04	1.30E+04	3.47E+05	3.43E+05	3.59E+05
3.71E+04	4.30E+04	3.37E+04	3.43E+04	3.68E+04	3.29E+04	4.40E+04	3.85E+04	4.69E+04
3.01E+05	2.82E+05	4.00E+05	1.48E+05	3.57E+05	3.14E+05	1.14E+06	1.02E+06	1.10E+06
6.57E+05	6.54E+05	7.15E+05	7.93E+05	6.29E+05	5.51E+05	5.56E+05	5.33E+05	5.28E+05
1.50E+05	1.79E+05	1.72E+05	1.96E+05	1.41E+05	1.80E+05	3.74E+05	3.95E+05	3.58E+05
3.50E+06	3.22E+06	3.94E+06	3.69E+06	3.40E+06	3.74E+06	3.40E+06	3.56E+06	3.48E+06
2.35E+06	2.19E+06	2.92E+06	2.49E+06	2.75E+06	2.44E+06	1.03E+07	1.01E+07	9.57E+06
2.07E+06	2.06E+06	2.47E+06	2.02E+06	2.31E+06	2.18E+06	3.62E+06	4.32E+06	3.54E+06
4.07E+06	4.96E+06	5.02E+06	4.89E+06	5.03E+06	4.55E+06	5.54E+06	5.42E+06	5.63E+06
1.39E+07	1.52E+07	1.84E+07	1.67E+07	1.94E+07	1.83E+07	2.53E+07	2.67E+07	2.76E+07
1.31E+06	1.17E+06	1.26E+06	1.15E+06	1.29E+06	1.20E+06	1.47E+06	1.42E+06	1.28E+06
2.02E+05	1.76E+05	1.73E+05	1.78E+05	1.83E+05	1.28E+05	1.44E+05	1.45E+05	1.66E+05
1.18E+06	1.16E+06	1.16E+06	1.22E+06	1.11E+06	1.16E+06	2.46E+06	2.11E+06	2.40E+06
6.66E+06	6.51E+06	8.39E+06	7.41E+06	9.29E+06	9.91E+06	1.56E+07	1.61E+07	1.38E+07
3.55E+05	3.75E+05	3.27E+05	4.21E+05	3.95E+05	3.05E+05	5.68E+05	5.56E+05	3.96E+05
4.02E+06	3.38E+06	4.05E+06	4.35E+06	3.91E+06	4.64E+06	8.60E+06	8.64E+06	7.90E+06
2.85E+06	3.08E+06	3.84E+06	3.19E+06	3.27E+06	3.20E+06	1.61E+07	1.69E+07	1.63E+07
5.91E+05	4.66E+05	7.49E+05	4.78E+05	4.85E+05	6.46E+05	3.18E+05	3.53E+05	3.56E+05
7.91E+06	7.35E+06	1.01E+07	7.80E+06	8.24E+06	8.11E+06	1.03E+07	1.04E+07	9.91E+06
2.43E+07	2.30E+07	2.99E+07	2.48E+07	2.67E+07	2.33E+07	1.55E+08	1.62E+08	1.57E+08
3.29E+06	2.87E+06	3.06E+06	2.96E+06	2.83E+06	2.88E+06	4.15E+06	4.49E+06	3.93E+06
1.41E+07	1.48E+07	1.95E+07	1.56E+07	1.98E+07	1.69E+07	1.91E+07	1.79E+07	1.84E+07
4.07E+06	3.73E+06	3.67E+06	3.98E+06	3.48E+06	3.95E+06	2.71E+06	2.85E+06	2.80E+06
9.97E+05	8.65E+05	1.11E+06	1.10E+06	8.49E+05	1.01E+06	9.57E+05	1.01E+06	9.12E+05
5.60E+06	5.01E+06	6.37E+06	5.50E+06	6.31E+06	5.92E+06	8.14E+06	8.88E+06	7.89E+06
6.97E+04	6.06E+04	7.58E+04	4.31E+04	6.15E+04	1.12E+05	2.58E+05	2.13E+05	2.47E+05
8.57E+06	8.88E+06	1.11E+07	1.03E+07	1.09E+07	1.06E+07	2.31E+07	2.39E+07	2.37E+07
3.19E+05	3.45E+05	4.82E+05	3.52E+05	4.15E+05	4.16E+05	1.57E+06	1.51E+06	1.63E+06
6.07E+04	1.43E+05	1.71E+05	1.50E+05	1.59E+05	1.47E+05	2.82E+05	2.92E+05	2.79E+05
9.13E+05	1.18E+06	1.40E+06	1.05E+06	1.27E+06	1.15E+06	1.57E+06	1.62E+06	1.41E+06
4.42E+05	2.77E+05	6.05E+05	4.60E+05	5.45E+05	1.95E+05	3.57E+05	3.74E+05	3.78E+05
1.17E+05	1.12E+05	1.11E+05	1.02E+05	1.66E+05	1.25E+05	9.68E+04	7.94E+04	6.27E+04
6.39E+03	4.86E+03	9.01E+03	6.62E+03	4.97E+03	9.90E+03	6.04E+03	4.85E+03	3.56E+03
1.91E+04	2.33E+04	1.80E+04	1.93E+04	2.03E+04	2.44E+04	1.52E+04	1.70E+04	1.46E+04
6.40E+03	9.06E+03	5.93E+03	6.47E+03	7.66E+03	5.79E+03	1.05E+04	1.11E+04	9.34E+03
1.73E+05	2.03E+05	1.59E+05	1.91E+05	1.78E+05	1.63E+05	2.50E+05	2.36E+05	2.39E+05
1.32E+04	1.22E+04	1.23E+04	9.46E+03	9.43E+03	9.78E+03	1.59E+04	1.74E+04	1.35E+04
4.92E+03	4.45E+03	5.31E+03	5.12E+03	4.94E+03	3.12E+03	6.26E+03	4.87E+03	4.92E+03

2.93E+06	2.20E+06	2.31E+06	2.09E+06	3.01E+06	2.67E+06	3.58E+06	3.19E+06	2.60E+06
2.03E+04	1.95E+04	1.88E+04	2.17E+04	2.26E+04	2.06E+04	2.14E+04	2.13E+04	2.12E+04
2.08E+05	1.86E+05	1.90E+05	1.99E+05	2.14E+05	1.85E+05	2.24E+05	2.37E+05	2.21E+05
4.29E+06	4.34E+06	4.08E+06	4.45E+06	4.19E+06	4.05E+06	4.95E+06	4.89E+06	4.64E+06
1.90E+05	1.63E+05	1.53E+05	1.31E+05	1.63E+05	1.87E+05	9.72E+04	1.20E+05	1.21E+05
6.10E+04	5.91E+04	8.41E+04	9.99E+04	8.40E+04	7.11E+04	4.95E+04	3.99E+04	6.41E+04
2.59E+04	2.93E+04	2.52E+04	4.80E+04	2.92E+04	2.09E+04	3.33E+04	3.54E+04	3.35E+04
1.27E+04	3.94E+04	5.51E+04	5.97E+04	3.92E+04	4.35E+04	7.31E+04	7.31E+04	6.39E+04
2.13E+04	1.97E+04	1.13E+04	1.30E+04	3.27E+04	2.38E+04	4.34E+04	3.43E+04	3.00E+04
1.11E+05	1.43E+05	1.35E+05	1.54E+05	1.34E+05	1.29E+05	1.35E+05	1.56E+05	1.66E+05
8.03E+04	3.50E+04	6.15E+04	5.32E+04	8.88E+04	3.35E+04	4.26E+04	4.58E+04	6.64E+04
1.43E+05	1.58E+05	1.69E+05	1.85E+05	1.29E+05	1.12E+05	1.63E+05	1.89E+05	1.66E+05
9.00E+00	9.00E+00	6.98E+03	9.00E+00	9.00E+00	9.33E+03	5.85E+04	5.21E+04	4.92E+04
4.43E+04	4.97E+04	5.66E+04	4.42E+04	4.50E+04	4.77E+04	8.72E+05	8.62E+05	8.71E+05
1.41E+06	1.43E+06	2.08E+06	1.58E+06	1.90E+06	1.36E+06	2.40E+07	2.04E+07	2.33E+07
8.03E+05	7.63E+05	8.30E+05	9.60E+05	5.65E+05	4.26E+05	2.08E+06	2.03E+06	1.85E+06
5.88E+05	4.86E+05	5.73E+05	6.12E+05	6.10E+05	5.44E+05	2.63E+06	2.60E+06	2.93E+06
1.06E+07	9.06E+06	8.01E+06	1.00E+07	4.89E+06	6.30E+06	1.64E+07	1.83E+07	1.60E+07
5.92E+05	5.32E+05	4.76E+05	6.79E+05	5.54E+05	3.90E+05	4.29E+05	4.26E+05	4.97E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.73E+05	2.16E+05	2.82E+05
1.42E+06	1.75E+06	1.55E+06	1.88E+06	1.49E+06	1.38E+06	1.40E+06	1.41E+06	1.31E+06
3.65E+07	4.07E+07	3.72E+07	4.34E+07	3.68E+07	3.51E+07	3.44E+07	3.93E+07	3.95E+07
4.75E+06	3.03E+06	2.46E+06	4.94E+06	5.31E+06	2.42E+06	2.43E+06	2.59E+06	2.76E+06
9.90E+05	1.30E+06	1.27E+06	1.22E+06	8.84E+05	7.52E+05	7.71E+06	8.26E+06	8.11E+06
3.89E+06	4.12E+06	1.90E+06	4.37E+06	1.69E+06	1.67E+06	2.54E+06	2.68E+06	2.58E+06
7.38E+05	6.74E+05	5.14E+05	9.39E+05	4.13E+05	3.57E+05	5.40E+05	4.96E+05	5.62E+05
1.82E+05	1.47E+05	1.50E+05	1.79E+05	1.65E+05	1.26E+05	2.18E+05	2.26E+05	1.95E+05
1.51E+06	1.61E+06	1.70E+06	1.80E+06	1.37E+06	7.91E+05	1.01E+06	1.06E+06	1.04E+06
2.39E+06	2.51E+06	3.47E+06	3.09E+06	3.46E+06	2.11E+06	2.07E+06	2.04E+06	2.17E+06
3.19E+05	4.41E+05	8.44E+05	6.18E+05	5.12E+05	6.72E+05	4.59E+05	4.28E+05	3.53E+05
1.44E+06	1.58E+06	1.95E+06	2.06E+06	2.04E+06	1.24E+06	1.14E+06	1.16E+06	1.10E+06
3.08E+05	2.91E+05	2.97E+05	3.11E+05	1.92E+05	2.66E+05	8.07E+05	6.97E+05	8.25E+05
4.27E+05	4.39E+05	4.39E+05	5.12E+05	4.20E+05	4.46E+05	5.41E+05	5.54E+05	4.01E+05
2.27E+05	2.41E+05	2.22E+05	2.50E+05	2.04E+05	1.85E+05	1.67E+05	1.60E+05	1.69E+05
3.27E+06	3.69E+06	3.29E+06	3.40E+06	3.75E+06	3.00E+06	4.16E+06	3.89E+06	4.20E+06
6.46E+04	6.56E+04	1.56E+04	7.45E+04	7.60E+04	4.57E+04	3.91E+04	2.35E+04	4.44E+04
1.99E+05	2.03E+05	1.49E+05	2.00E+05	1.65E+05	1.29E+05	1.33E+05	1.55E+05	1.69E+05
8.88E+05	8.54E+05	8.80E+05	8.54E+05	9.91E+05	7.14E+05	9.70E+05	1.09E+06	1.09E+06
1.35E+05	1.28E+05	1.53E+05	1.17E+05	7.63E+04	1.27E+05	2.68E+05	1.07E+05	2.73E+05
1.55E+05	1.58E+05	1.98E+05	1.29E+05	8.63E+04	1.97E+05	1.44E+05	1.31E+05	1.29E+05
2.99E+05	3.19E+05	4.51E+05	3.61E+05	3.09E+05	2.58E+05	2.71E+05	1.92E+05	2.47E+05
7.65E+04	6.18E+04	7.18E+04	7.80E+04	7.35E+04	1.64E+04	2.40E+06	2.48E+06	2.46E+06
2.61E+04	1.40E+04	1.40E+04	1.55E+04	1.33E+04	1.66E+04	1.86E+04	1.58E+04	1.75E+04
3.18E+07	3.24E+07	3.09E+07	3.77E+07	4.10E+07	2.68E+07	3.05E+07	2.80E+07	3.18E+07
7.62E+05	7.02E+05	7.50E+05	8.01E+05	8.16E+05	4.88E+05	6.03E+05	6.13E+05	6.39E+05
4.90E+06	4.27E+06	3.24E+06	4.28E+06	4.75E+06	2.78E+06	2.94E+06	3.40E+06	3.05E+06
1.14E+04	1.05E+04	1.23E+04	1.26E+04	1.24E+04	1.12E+04	1.31E+05	1.26E+05	1.24E+05
1.18E+06	1.14E+06	1.15E+06	1.07E+06	1.49E+06	1.16E+06	1.97E+07	1.82E+07	1.80E+07
3.71E+06	3.15E+06	2.84E+06	3.08E+06	3.62E+06	1.90E+06	2.71E+06	2.50E+06	2.75E+06
5.15E+04	5.42E+04	6.07E+04	5.85E+04	9.68E+04	6.10E+04	8.45E+04	5.74E+04	8.49E+04
3.56E+05	3.08E+05	4.36E+05	5.19E+05	2.27E+05	2.55E+05	5.18E+05	5.14E+05	5.12E+05
1.40E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.54E+03	6.15E+04	9.04E+04	6.50E+04
5.23E+06	4.58E+06	4.79E+06	5.02E+06	4.54E+06	3.90E+06	2.71E+07	2.49E+07	2.42E+07
5.63E+06	4.22E+06	7.12E+06	4.86E+06	2.88E+06	4.52E+06	2.25E+07	2.25E+07	2.21E+07

1.45E+07	1.56E+07	1.64E+07	1.74E+07	1.53E+07	1.40E+07	1.57E+07	1.52E+07	1.60E+07
1.37E+05	9.55E+04	1.66E+05	1.10E+05	8.86E+04	7.81E+04	4.63E+04	5.03E+04	4.17E+04
3.88E+06	4.11E+06	4.35E+06	4.34E+06	3.92E+06	3.49E+06	4.06E+06	3.71E+06	3.78E+06
2.06E+06	1.66E+06	2.58E+06	2.10E+06	2.44E+06	1.92E+06	3.45E+06	3.41E+06	2.93E+06
3.93E+04	3.81E+04	4.77E+04	3.61E+04	4.69E+04	4.08E+04	1.41E+05	1.37E+05	1.36E+05
6.69E+05	6.12E+05	5.54E+05	4.99E+05	3.63E+05	4.27E+05	6.96E+05	5.27E+05	6.05E+05
1.41E+04	1.32E+04	1.34E+04	1.12E+04	1.15E+04	1.19E+04	6.05E+04	5.93E+04	5.42E+04
2.31E+07	2.38E+07	2.23E+07	2.86E+07	2.59E+07	2.07E+07	2.61E+07	2.59E+07	2.56E+07
2.73E+06	2.49E+06	5.50E+06	3.36E+06	4.42E+06	4.01E+06	4.85E+06	4.62E+06	4.08E+06
2.10E+05	2.09E+05	2.53E+05	2.72E+05	3.41E+05	3.00E+05	4.04E+05	3.51E+05	3.77E+05
1.57E+05	1.86E+05	1.96E+05	1.84E+05	1.89E+04	1.79E+05	1.96E+05	1.77E+05	1.72E+05
3.68E+05	3.83E+05	4.88E+05	4.30E+05	4.34E+05	2.96E+05	3.50E+05	3.22E+05	3.33E+05
1.88E+06	1.21E+06	1.12E+06	1.51E+06	1.35E+06	9.25E+05	1.14E+06	9.70E+05	9.73E+05
4.99E+04	4.13E+04	5.55E+04	6.81E+04	4.47E+04	3.65E+04	3.89E+04	4.04E+04	3.68E+04
5.51E+05	3.79E+05	6.05E+05	6.68E+05	5.09E+05	4.91E+05	3.68E+05	4.20E+05	4.74E+05
8.80E+03	1.00E+04	9.00E+00	1.86E+04	1.47E+04	1.16E+04	1.29E+04	8.76E+03	7.58E+03
3.38E+05	4.34E+05	1.16E+05	4.55E+05	3.92E+05	4.46E+05	4.45E+05	4.42E+05	4.75E+05
9.43E+05	8.97E+05	8.09E+05	9.13E+05	7.13E+05	1.14E+06	9.21E+05	9.35E+05	9.26E+05
3.56E+05	3.21E+05	2.86E+05	3.41E+05	3.20E+05	3.52E+05	3.65E+05	3.56E+05	3.94E+05
1.01E+05	1.30E+05	1.11E+05	1.26E+05	9.01E+04	1.02E+05	1.41E+05	1.32E+05	1.46E+05
2.92E+05	3.08E+05	2.28E+05	3.09E+05	2.09E+05	2.46E+05	6.23E+05	5.86E+05	6.67E+05
3.31E+05	3.02E+05	2.72E+05	2.96E+05	3.01E+05	2.71E+05	1.37E+06	1.39E+06	1.38E+06
3.28E+05	3.28E+05	3.66E+05	3.43E+05	2.49E+05	2.96E+05	1.64E+06	1.58E+06	1.68E+06
4.01E+05	4.26E+05	4.48E+05	4.99E+05	4.72E+05	4.23E+05	4.41E+05	4.36E+05	4.25E+05
3.20E+05	3.15E+05	4.00E+05	3.62E+05	3.38E+05	3.45E+05	5.19E+05	4.53E+05	4.03E+05
3.46E+05	4.36E+05	3.32E+05	5.16E+05	1.73E+05	3.02E+05	2.60E+05	2.33E+05	2.08E+05
6.26E+05	6.92E+05	5.33E+05	7.50E+05	5.45E+05	5.66E+05	7.41E+05	7.25E+05	7.21E+05
4.32E+05	4.30E+05	5.15E+05	2.12E+05	5.10E+05	2.84E+05	3.38E+05	4.58E+05	5.39E+05
1.85E+05	2.05E+05	2.02E+05	1.97E+05	2.11E+05	2.97E+05	2.08E+05	2.23E+05	1.28E+05
7.18E+05	6.96E+05	7.06E+05	7.50E+05	7.66E+05	6.10E+05	1.04E+06	9.78E+05	8.26E+05
3.01E+04	1.47E+04	9.00E+00	9.00E+00	3.36E+04	1.58E+04	3.88E+04	1.35E+04	2.83E+04
1.34E+05	1.21E+05	1.39E+05	6.33E+04	1.18E+05	4.87E+04	1.13E+05	9.54E+04	1.07E+05
1.05E+05	1.40E+05	8.85E+04	6.79E+04	8.70E+04	5.01E+04	9.36E+05	9.89E+05	5.63E+05
2.64E+06	2.68E+06	2.03E+06	2.54E+06	2.85E+06	2.18E+06	2.22E+06	2.10E+06	2.15E+06
1.90E+05	1.12E+05	2.49E+05	2.84E+05	2.96E+05	2.44E+05	2.69E+05	2.54E+05	2.08E+05
3.78E+04	2.98E+04	3.14E+04	4.05E+04	3.17E+04	2.43E+04	2.45E+04	1.91E+04	2.21E+04
4.24E+07	4.47E+07	4.54E+07	4.40E+07	6.18E+07	4.02E+07	8.47E+07	7.35E+07	7.90E+07
1.03E+06	9.89E+05	1.52E+06	9.21E+05	1.32E+06	1.04E+06	1.05E+06	9.59E+05	9.78E+05
2.42E+05	2.78E+05	2.84E+05	2.83E+05	2.77E+05	2.90E+05	1.42E+06	1.59E+06	1.57E+06
3.38E+05	4.17E+05	5.01E+05	3.78E+05	4.03E+05	2.93E+05	1.12E+06	1.07E+06	1.15E+06
1.52E+05	1.38E+05	1.12E+05	1.72E+05	1.52E+05	7.19E+04	1.00E+05	1.08E+05	9.63E+04
3.85E+06	3.21E+06	2.68E+06	3.71E+06	3.41E+06	2.78E+06	2.48E+06	2.40E+06	2.84E+06
1.12E+05	1.44E+05	1.22E+05	1.71E+05	1.70E+05	1.05E+05	1.30E+05	1.26E+05	1.43E+05
4.21E+03	3.62E+03	3.41E+03	2.77E+03	3.40E+03	2.68E+03	1.44E+04	1.53E+04	1.54E+04
3.18E+03	3.96E+03	3.05E+03	4.18E+03	3.70E+03	3.24E+03	6.17E+03	7.27E+03	5.87E+03
6.63E+03	1.10E+03	7.46E+03	6.23E+03	7.09E+03	7.11E+03	6.94E+04	7.34E+04	7.82E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.32E+04	2.26E+04	3.58E+04
1.49E+05	1.75E+05	1.76E+05	1.81E+05	1.49E+05	1.46E+05	1.13E+06	9.42E+05	9.90E+05
5.50E+07	6.72E+07	2.92E+07	2.87E+07	4.61E+07	4.97E+07	4.71E+07	4.93E+07	4.82E+07
7.50E+07	6.61E+07	6.26E+07	7.37E+07	7.78E+07	5.72E+07	1.34E+08	1.28E+08	1.28E+08
1.40E+07	1.29E+07	1.60E+07	1.31E+07	1.45E+07	3.76E+06	1.29E+07	1.08E+07	1.15E+07
1.09E+06	1.07E+06	1.48E+06	1.35E+06	1.62E+06	1.32E+06	1.14E+06	1.16E+06	1.05E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.90E+05	1.74E+05	1.72E+05
3.85E+05	4.40E+05	3.77E+05	4.29E+05	3.95E+05	3.75E+05	4.90E+05	4.57E+05	4.60E+05

1.55E+04	1.39E+04	1.29E+04	1.09E+04	1.40E+04	1.65E+04	4.27E+04	4.12E+04	4.06E+04
6.70E+03	7.19E+03	7.00E+03	6.60E+03	7.39E+03	6.65E+03	9.11E+03	8.98E+03	7.22E+03
9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.95E+04	2.03E+04	2.77E+05	2.49E+05	2.83E+05
9.00E+00	9.00E+00	8.51E+03	9.00E+00	9.00E+00	6.52E+03	5.86E+04	6.74E+04	7.40E+04
5.94E+04	7.33E+04	8.17E+04	6.68E+04	5.82E+04	5.05E+04	1.73E+06	1.70E+06	1.59E+06
8.20E+04	9.82E+04	1.10E+05	8.60E+04	9.59E+04	1.03E+05	1.02E+05	8.52E+04	1.02E+05
9.00E+00	9.00E+00	9.00E+00	1.84E+03	9.00E+00	9.00E+00	2.30E+04	1.99E+04	2.14E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.79E+04	5.49E+04	4.16E+04
7.83E+05	7.77E+05	8.86E+05	8.75E+05	2.58E+05	5.64E+05	3.96E+06	3.98E+06	4.02E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.47E+04	2.61E+04	2.42E+04	2.07E+04
9.30E+03	8.49E+03	1.37E+04	1.03E+04	9.24E+03	7.88E+03	5.20E+04	4.68E+04	4.90E+04
2.38E+05	2.40E+05	3.07E+05	2.39E+05	2.41E+05	2.00E+05	2.60E+06	2.74E+06	2.53E+06
2.53E+05	2.20E+05	2.71E+05	2.38E+05	2.51E+05	4.28E+04	4.68E+06	4.67E+06	4.24E+06
5.01E+04	6.40E+04	6.97E+04	6.19E+04	5.16E+04	5.55E+04	1.56E+06	1.52E+06	1.46E+06
3.70E+04	4.77E+04	4.84E+04	4.93E+04	4.00E+04	3.82E+04	6.82E+05	7.76E+05	7.66E+05
4.15E+05	4.85E+05	5.45E+05	4.53E+05	4.01E+05	3.94E+05	1.44E+07	1.31E+07	1.44E+07
5.57E+04	6.19E+04	6.06E+04	5.48E+04	5.50E+04	5.98E+04	4.85E+06	4.92E+06	4.73E+06
3.07E+05	3.26E+05	3.29E+05	3.63E+05	4.39E+05	3.15E+05	2.00E+06	2.04E+06	2.00E+06
1.00E+07	1.23E+07	1.25E+07	1.11E+07	1.11E+07	8.60E+06	3.60E+07	3.43E+07	3.68E+07
1.01E+05	7.72E+04	1.11E+05	1.14E+05	1.65E+05	7.55E+04	1.54E+05	1.61E+05	1.43E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.09E+04	2.99E+04	3.11E+04
7.08E+03	1.00E+04	1.01E+04	9.42E+03	1.04E+04	6.58E+03	3.93E+05	3.77E+05	3.77E+05
2.67E+06	2.34E+06	2.61E+06	2.90E+06	3.21E+06	2.22E+06	5.81E+06	4.75E+06	5.12E+06
1.72E+06	1.93E+06	1.97E+06	2.08E+06	1.94E+06	1.87E+06	2.89E+07	2.94E+07	2.89E+07
4.65E+04	4.45E+04	4.86E+04	4.38E+04	4.63E+04	3.83E+04	1.03E+06	1.00E+06	1.05E+06
1.14E+04	1.82E+04	1.42E+04	9.00E+00	1.44E+04	1.02E+04	3.83E+04	2.42E+04	3.93E+04
9.00E+00	9.00E+00	2.04E+04	9.00E+00	9.00E+00	9.00E+00	7.35E+05	7.58E+05	7.76E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.58E+04	4.13E+04	5.02E+04
1.18E+05	4.83E+05	5.18E+05	4.98E+05	8.09E+04	4.70E+05	1.14E+06	1.09E+06	1.08E+06
4.71E+04	4.89E+04	5.28E+04	4.78E+04	5.06E+04	4.94E+04	1.34E+06	1.29E+06	1.34E+06
1.90E+05	1.45E+05	1.09E+05	1.47E+05	9.62E+04	4.73E+04	1.92E+06	2.11E+06	1.91E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.32E+05	1.33E+05	1.15E+05
1.11E+04	1.46E+04	1.92E+04	8.29E+03	9.00E+00	7.32E+03	5.11E+04	3.00E+04	4.38E+04
4.44E+04	4.12E+04	5.93E+04	4.76E+04	3.69E+04	4.34E+04	3.96E+05	3.72E+05	3.99E+05
5.53E+04	4.32E+04	8.63E+04	2.65E+04	4.80E+04	3.96E+04	5.11E+05	5.13E+05	5.14E+05
3.92E+05	4.55E+05	5.28E+05	4.66E+05	4.93E+05	5.00E+05	4.47E+06	4.59E+06	4.81E+06
1.23E+05	1.26E+05	1.39E+05	1.25E+05	1.33E+05	1.21E+05	1.88E+06	1.86E+06	1.87E+06
3.15E+05	2.54E+05	3.23E+05	2.43E+05	3.16E+05	3.03E+05	1.83E+06	1.92E+06	1.54E+06
6.78E+03	6.83E+03	7.64E+03	7.30E+03	7.26E+03	6.83E+03	1.03E+05	8.94E+04	1.02E+05
2.26E+05	2.55E+05	2.71E+05	2.23E+05	2.53E+05	2.36E+05	2.44E+07	2.25E+07	2.38E+07
7.93E+05	7.51E+05	8.48E+05	9.08E+05	8.17E+05	9.37E+05	1.95E+06	2.04E+06	2.05E+06
9.66E+04	8.87E+04	1.00E+05	8.51E+04	7.39E+04	1.22E+05	9.21E+06	9.31E+06	9.33E+06
1.28E+05	1.13E+05	1.47E+05	1.34E+05	1.41E+05	1.32E+05	1.34E+06	1.22E+06	1.24E+06
2.35E+06	4.48E+06	5.37E+06	4.55E+06	5.51E+06	4.53E+06	5.23E+07	5.53E+07	2.71E+07
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.93E+04	6.47E+04	4.03E+04
1.16E+03	9.00E+00	9.00E+00	9.00E+00	1.04E+03	9.00E+00	7.71E+04	7.28E+04	7.40E+04
5.40E+03	7.81E+03	8.27E+03	7.34E+03	6.82E+03	7.13E+03	7.61E+05	7.88E+05	7.86E+05
3.42E+03	6.31E+03	7.73E+03	4.45E+03	5.09E+03	5.25E+03	2.84E+05	2.55E+05	3.10E+05
5.33E+05	5.83E+05	6.79E+05	5.79E+05	6.48E+05	5.56E+05	2.77E+07	2.73E+07	2.60E+07
5.59E+05	5.89E+05	7.09E+05	7.03E+05	7.45E+05	6.27E+05	2.51E+06	2.82E+06	2.55E+06
2.00E+06	1.82E+06	1.80E+06	2.07E+06	2.20E+06	1.94E+06	5.84E+07	6.18E+07	6.19E+07
2.75E+04	3.08E+04	2.93E+04	2.81E+04	3.12E+04	1.06E+04	1.49E+06	1.40E+06	1.29E+06
1.61E+04	1.64E+04	1.96E+04	1.68E+04	1.80E+04	1.48E+04	4.61E+05	4.26E+05	4.17E+05
1.68E+05	2.22E+05	2.10E+05	1.65E+05	1.71E+05	1.49E+05	4.51E+07	3.65E+07	4.52E+07

1.79E+05	2.00E+05	2.27E+05	2.08E+05	1.79E+05	1.47E+05	1.15E+06	1.32E+06	1.30E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.73E+05	2.66E+05	2.72E+05
1.71E+04	3.48E+04	2.58E+04	1.86E+04	2.93E+04	2.04E+04	1.29E+07	1.31E+07	1.23E+07
1.21E+04	1.42E+04	1.24E+04	1.13E+04	1.40E+04	1.22E+04	2.49E+06	2.46E+06	2.17E+06
3.28E+06	2.76E+06	3.48E+06	3.22E+06	3.36E+06	2.72E+06	5.40E+07	4.87E+07	4.98E+07
2.08E+04	3.48E+04	2.60E+04	1.94E+04	2.40E+04	1.25E+04	1.75E+05	1.40E+05	1.19E+05
2.92E+03	6.26E+03	4.23E+03	3.82E+03	4.89E+03	5.41E+03	1.78E+06	1.99E+06	1.95E+06
6.93E+05	6.46E+05	6.10E+05	6.78E+05	7.56E+05	5.43E+05	2.47E+06	2.43E+06	2.79E+06
6.34E+05	5.71E+05	5.93E+05	6.44E+05	6.29E+05	5.22E+05	1.48E+07	1.36E+07	1.60E+07
9.00E+00	6.48E+02	9.00E+00	9.00E+00	8.89E+02	9.00E+00	1.28E+05	1.31E+05	1.24E+05
7.04E+02	1.03E+03	5.76E+02	9.43E+02	6.60E+02	9.00E+00	9.20E+04	9.14E+04	8.75E+04
1.22E+04	3.55E+04	4.49E+04	3.86E+04	4.03E+04	2.34E+04	1.13E+06	1.10E+06	1.05E+06
1.63E+05	1.40E+05	1.66E+05	1.51E+05	1.27E+05	1.27E+05	5.63E+05	5.10E+05	6.17E+05
8.24E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.76E+05	2.79E+05	2.59E+05
4.01E+04	3.27E+04	5.51E+04	4.08E+04	3.06E+04	5.06E+04	7.90E+04	6.21E+04	6.72E+04
7.17E+04	5.68E+04	8.37E+04	6.78E+04	5.62E+04	6.72E+04	1.36E+05	1.24E+05	1.19E+05
2.43E+05	2.11E+05	3.28E+05	2.48E+05	2.29E+05	2.37E+05	1.31E+05	1.25E+05	1.23E+05
1.88E+05	1.86E+05	2.20E+05	1.80E+05	2.00E+05	1.84E+05	1.65E+05	1.76E+05	1.77E+05
2.27E+04	2.47E+04	3.64E+04	2.19E+04	2.19E+04	2.36E+04	6.23E+04	6.52E+04	6.25E+04
1.86E+05	1.59E+05	1.88E+05	1.72E+05	1.95E+05	1.61E+05	1.36E+05	1.30E+05	1.28E+05
5.76E+04	3.61E+04	6.36E+04	6.05E+04	4.28E+04	4.94E+04	8.41E+05	7.92E+05	7.99E+05
1.96E+05	1.65E+05	2.14E+05	2.35E+05	1.52E+05	2.20E+05	1.35E+05	1.32E+05	1.42E+05
2.54E+04	2.10E+04	2.61E+04	2.93E+04	1.24E+04	3.43E+04	2.36E+05	2.58E+05	2.44E+05
2.79E+04	2.79E+04	2.43E+04	3.20E+04	2.93E+04	2.39E+04	2.08E+04	2.14E+04	2.05E+04
3.60E+04	3.65E+04	5.35E+04	4.47E+04	4.13E+04	4.02E+04	4.21E+05	4.28E+05	4.17E+05
3.98E+04	4.23E+04	4.72E+04	4.83E+04	5.32E+04	4.10E+04	5.26E+04	3.55E+04	4.61E+04
6.39E+05	5.86E+05	6.54E+05	7.24E+05	6.33E+05	6.55E+05	6.79E+05	6.40E+05	6.43E+05
5.33E+04	5.93E+04	7.13E+04	6.49E+04	5.14E+04	4.78E+04	1.96E+05	2.48E+05	2.36E+05
1.20E+05	1.11E+05	8.48E+04	1.26E+05	1.40E+05	1.09E+05	3.26E+05	3.46E+05	3.89E+05
7.07E+04	1.05E+05	9.29E+04	1.61E+05	6.43E+04	4.61E+04	5.91E+05	6.50E+05	6.06E+05
3.19E+04	2.39E+04	3.50E+04	2.27E+04	3.50E+04	2.75E+04	1.76E+04	1.85E+04	2.36E+04
1.63E+04	1.54E+04	1.59E+04	1.42E+04	1.79E+04	1.15E+04	1.64E+04	1.49E+04	1.86E+04
1.06E+04	7.82E+03	6.71E+03	3.60E+03	5.39E+03	5.80E+03	4.04E+04	3.67E+04	3.88E+04
2.05E+04	2.97E+04	2.42E+04	3.20E+04	3.19E+04	1.97E+04	2.29E+04	1.88E+04	1.53E+04
6.20E+04	6.57E+04	6.60E+04	6.79E+04	7.36E+04	5.50E+04	8.07E+04	7.37E+04	8.05E+04
2.38E+03	2.03E+03	2.29E+03	2.32E+03	3.26E+03	1.48E+03	4.86E+04	5.56E+04	4.92E+04
9.00E+00	2.55E+03	9.00E+00	4.46E+03	9.00E+00	9.00E+00	5.32E+04	5.05E+04	5.06E+04
5.03E+04	4.28E+04	5.89E+04	5.70E+04	5.83E+04	4.82E+04	7.77E+04	7.23E+04	7.82E+04
1.54E+05	1.32E+05	1.28E+05	1.30E+05	1.56E+05	1.04E+05	1.67E+05	1.62E+05	1.17E+05
7.71E+04	7.52E+04	6.55E+04	8.74E+04	9.11E+04	7.31E+04	1.19E+05	1.13E+05	1.27E+05
1.14E+05	1.29E+05	1.39E+05	1.36E+05	1.12E+05	1.17E+05	4.86E+06	4.77E+06	4.68E+06
4.54E+04	3.72E+04	5.96E+04	1.00E+05	6.50E+04	5.61E+04	6.67E+05	7.64E+05	6.56E+05
9.00E+00	6.07E+03	2.27E+04	9.00E+00	9.00E+00	9.00E+00	8.92E+04	8.35E+04	8.26E+04
9.86E+05	1.12E+06	1.29E+06	1.12E+06	1.27E+06	8.43E+05	4.26E+07	4.37E+07	3.98E+07
7.34E+05	7.91E+05	8.03E+05	7.32E+05	9.03E+05	6.94E+05	9.75E+05	9.13E+05	1.05E+06
3.57E+04	4.15E+04	1.60E+04	2.49E+04	1.98E+04	4.82E+03	5.59E+04	5.79E+04	5.59E+04
4.45E+04	8.96E+04	1.38E+05	1.19E+05	1.34E+05	1.18E+05	1.31E+07	1.37E+07	1.24E+07
3.53E+04	5.85E+04	5.16E+04	5.11E+04	5.91E+04	4.40E+04	9.88E+05	1.06E+06	1.26E+06
5.94E+05	6.19E+05	6.10E+05	7.65E+05	6.88E+05	5.62E+05	3.80E+06	4.10E+06	3.77E+06
1.65E+07	1.95E+07	1.97E+07	1.75E+07	2.04E+07	1.76E+07	4.62E+07	4.34E+07	4.08E+07
3.71E+05	3.57E+05	2.44E+05	3.38E+05	3.93E+05	3.02E+05	7.14E+05	6.95E+05	7.20E+05
3.42E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.96E+04	3.25E+04	4.09E+04
1.62E+04	1.85E+04	1.91E+04	1.27E+04	1.85E+04	2.07E+04	7.81E+05	7.35E+05	6.69E+05
2.71E+04	1.46E+04	3.38E+04	2.61E+04	3.62E+04	2.87E+04	5.20E+05	4.92E+05	4.80E+05

5.99E+06	6.00E+06	6.89E+06	6.35E+06	7.00E+06	5.46E+06	8.56E+07	7.84E+07	8.20E+07
4.39E+06	4.91E+06	4.49E+06	5.04E+06	5.69E+06	3.76E+06	5.36E+06	5.14E+06	5.10E+06
1.86E+07	1.82E+07	1.91E+07	2.02E+07	2.26E+07	1.85E+07	2.48E+08	2.31E+08	2.25E+08
9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.32E+03	9.00E+00	4.78E+04	3.26E+04	5.40E+04
9.00E+00	6.35E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.66E+04	6.64E+04	7.51E+04
4.64E+04	8.47E+04	5.71E+04	5.97E+04	1.12E+05	7.73E+04	2.73E+06	2.81E+06	2.74E+06
5.50E+03	1.09E+04	9.00E+00	1.86E+04	2.85E+04	1.40E+04	1.86E+05	2.30E+05	2.21E+05
5.81E+04	6.35E+04	5.38E+04	5.78E+04	6.15E+04	3.77E+04	1.72E+06	1.67E+06	1.69E+06
5.09E+04	5.11E+04	3.82E+04	7.20E+04	4.95E+04	4.29E+04	1.31E+05	1.29E+05	1.17E+05
4.47E+05	4.93E+05	5.71E+05	5.27E+05	5.81E+05	4.89E+05	6.57E+06	6.30E+06	5.66E+06
1.61E+04	1.54E+04	1.56E+04	1.87E+04	1.59E+04	8.59E+03	1.86E+06	1.29E+06	1.71E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.87E+04	4.82E+04	4.55E+04
9.00E+00	9.00E+00	1.78E+04	9.00E+00	9.00E+00	1.48E+04	2.78E+05	2.57E+05	2.68E+05
3.00E+05	3.07E+05	2.74E+05	3.23E+05	3.24E+05	2.20E+05	4.49E+05	4.94E+05	4.94E+05
1.27E+05	1.69E+05	1.81E+05	1.44E+05	1.54E+05	1.57E+05	2.62E+06	2.63E+06	2.59E+06
2.02E+05	1.98E+05	1.98E+05	1.85E+05	2.64E+05	1.69E+05	3.29E+05	3.33E+05	3.11E+05
1.95E+05	2.58E+05	2.69E+05	2.53E+05	2.40E+05	2.62E+05	8.35E+05	8.64E+05	1.03E+06
7.57E+03	2.60E+04	2.77E+04	1.80E+04	1.47E+04	2.48E+04	2.06E+06	2.13E+06	1.99E+06
5.57E+05	5.77E+05	6.58E+05	5.43E+05	5.36E+05	5.37E+05	5.28E+07	5.31E+07	4.86E+07
2.32E+06	2.29E+06	2.37E+06	2.51E+06	2.28E+06	2.44E+06	2.89E+06	3.27E+06	3.07E+06
9.00E+00	9.00E+00	1.18E+04	9.00E+00	1.05E+04	9.00E+00	7.29E+05	6.79E+05	6.27E+05
1.24E+05	1.41E+05	1.58E+05	1.31E+05	1.29E+05	1.96E+05	1.47E+07	1.50E+07	1.49E+07
4.16E+05	4.40E+05	5.82E+05	4.87E+05	5.03E+05	4.51E+05	6.07E+06	5.39E+06	5.39E+06
1.01E+07	1.03E+07	1.21E+07	1.15E+07	1.23E+07	1.03E+07	1.27E+08	1.18E+08	1.17E+08
4.15E+05	4.86E+05	3.85E+05	4.62E+05	5.74E+05	3.76E+05	1.56E+06	1.34E+06	1.38E+06
9.11E+02	9.00E+02	9.00E+00	9.00E+00	9.29E+02	9.00E+00	5.52E+04	2.28E+04	3.50E+04
1.02E+04	6.66E+03	2.00E+04	1.59E+04	3.96E+03	1.90E+04	1.69E+06	1.85E+06	1.80E+06
3.49E+04	2.68E+04	4.09E+04	2.49E+04	3.18E+04	2.27E+04	6.60E+05	7.22E+05	7.04E+05
1.13E+06	1.30E+06	1.45E+06	1.09E+06	1.46E+06	1.08E+06	7.33E+07	7.42E+07	6.95E+07
2.02E+06	2.05E+06	2.19E+06	2.38E+06	2.63E+06	1.88E+06	8.16E+06	8.96E+06	7.28E+06
1.35E+07	1.12E+07	1.31E+07	1.18E+07	1.45E+07	1.33E+07	3.27E+08	3.20E+08	3.03E+08
9.00E+00	2.22E+03	4.44E+03	9.00E+00	9.00E+00	9.00E+00	1.19E+05	1.43E+05	1.09E+05
1.24E+04	8.86E+03	1.01E+04	7.03E+03	7.41E+03	2.36E+03	1.32E+05	1.11E+05	8.83E+04
9.00E+00	9.00E+00	1.73E+03	9.00E+00	4.60E+03	9.00E+00	7.53E+04	6.57E+04	7.29E+04
5.34E+04	6.24E+04	6.41E+04	5.08E+04	5.07E+04	5.16E+04	1.43E+06	1.45E+06	1.42E+06
1.83E+04	3.02E+04	1.80E+04	2.34E+04	4.04E+04	1.57E+04	1.95E+06	2.32E+06	2.02E+06
1.60E+03	9.00E+00	9.00E+00	9.00E+00	2.74E+03	9.00E+00	2.37E+05	3.12E+05	2.70E+05
9.00E+00	9.00E+00	1.75E+04	9.00E+00	1.76E+04	9.00E+00	1.91E+06	1.83E+06	1.69E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.31E+05	2.61E+05	2.32E+05
3.72E+05	4.97E+05	5.60E+05	3.47E+05	4.13E+05	3.24E+05	1.04E+08	1.14E+08	1.04E+08
1.86E+05	1.76E+05	1.83E+05	1.94E+05	1.97E+05	1.44E+05	1.15E+06	1.05E+06	1.07E+06
6.10E+02	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.15E+05	6.50E+05	6.71E+05
2.71E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.08E+06	3.27E+06	3.43E+06
4.18E+04	7.57E+04	6.98E+04	3.48E+04	1.35E+04	5.24E+04	2.89E+07	3.06E+07	2.78E+07
9.00E+00	9.00E+00	1.18E+04	9.00E+00	9.00E+00	9.00E+00	1.70E+06	4.47E+06	4.34E+06
1.40E+05	1.77E+05	9.62E+04	1.07E+05	2.12E+05	1.04E+05	5.27E+06	4.67E+06	5.15E+06
3.95E+06	4.29E+06	4.81E+06	3.83E+06	4.52E+06	3.79E+06	4.52E+07	4.67E+07	4.50E+07
9.55E+04	8.97E+04	6.05E+04	5.34E+04	7.78E+04	5.55E+04	6.24E+05	6.55E+05	7.05E+05
1.28E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.02E+05	7.94E+04	7.17E+04
2.36E+03	1.25E+04	5.96E+03	2.26E+03	1.53E+04	1.02E+04	3.02E+06	3.51E+06	3.16E+06
1.62E+04	1.21E+04	1.99E+04	1.37E+04	4.81E+03	1.28E+04	1.23E+06	1.30E+06	1.23E+06
1.28E+06	1.32E+06	1.55E+06	1.29E+06	1.58E+06	1.20E+06	7.09E+07	6.79E+07	6.82E+07
9.43E+05	1.00E+06	1.05E+06	9.60E+05	1.11E+06	7.39E+05	2.42E+06	2.39E+06	2.43E+06
5.80E+06	5.20E+06	5.67E+06	5.47E+06	6.09E+06	5.60E+06	1.34E+08	1.20E+08	1.16E+08

3.04E+03	1.01E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.83E+05	2.05E+05	1.83E+05
2.43E+04	1.88E+04	2.48E+04	1.96E+04	2.51E+04	2.48E+04	1.72E+06	1.81E+06	1.62E+06
3.79E+04	4.24E+04	3.69E+04	3.60E+04	2.55E+04	1.08E+04	8.20E+05	7.53E+05	7.60E+05
1.81E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.47E+04	2.46E+04	2.88E+04
3.15E+04	4.39E+04	5.36E+04	3.77E+04	4.43E+04	3.25E+04	8.99E+05	9.20E+05	9.64E+05
4.63E+04	3.40E+04	3.82E+04	1.24E+04	2.11E+04	2.09E+04	1.08E+05	1.00E+05	8.28E+04
2.03E+04	2.18E+04	1.26E+04	4.03E+04	3.59E+04	2.66E+04	1.53E+05	1.45E+05	1.75E+05
2.50E+05	2.78E+05	2.29E+05	2.69E+05	2.68E+05	2.61E+05	1.07E+06	1.10E+06	1.14E+06
2.28E+04	3.25E+04	9.58E+03	2.06E+04	2.63E+04	1.28E+04	4.81E+04	5.43E+04	7.64E+04
2.23E+04	1.62E+04	1.93E+04	1.98E+04	3.92E+04	2.78E+04	6.60E+04	4.98E+04	7.37E+04
3.59E+05	3.11E+05	3.54E+05	2.77E+05	3.90E+05	3.06E+05	2.10E+06	2.22E+06	2.28E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.11E+04	1.42E+04	4.10E+04
1.75E+04	1.32E+04	7.78E+03	5.91E+03	1.37E+04	1.24E+04	5.78E+04	9.91E+04	1.04E+05
1.84E+04	1.50E+04	2.56E+04	2.16E+04	2.10E+04	3.23E+04	8.73E+04	6.45E+04	6.89E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.01E+03	9.00E+00	7.26E+04	4.95E+04	6.14E+04
6.22E+04	7.30E+04	8.50E+04	6.77E+04	7.28E+04	8.08E+04	2.76E+05	2.75E+05	2.77E+05
7.32E+04	6.16E+04	6.80E+04	9.92E+04	6.37E+04	7.66E+04	1.20E+06	1.30E+06	1.36E+06
3.39E+04	1.80E+04	2.55E+04	4.01E+04	5.10E+04	3.34E+04	6.63E+04	8.61E+04	7.24E+04
9.60E+04	8.89E+04	1.06E+05	1.31E+05	9.58E+04	9.61E+04	1.49E+05	1.35E+05	1.39E+05
6.22E+04	3.89E+04	5.18E+04	5.21E+04	4.73E+04	4.64E+04	5.85E+04	5.67E+04	5.20E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.40E+04	5.40E+04	5.64E+04
4.03E+05	3.87E+05	4.48E+05	4.39E+05	3.94E+05	4.01E+05	1.80E+06	1.60E+06	1.75E+06
1.67E+04	1.31E+04	2.32E+04	1.30E+04	7.06E+03	4.73E+03	1.67E+05	2.04E+05	1.62E+05
1.05E+05	9.55E+04	1.07E+05	1.28E+05	1.33E+05	9.51E+04	6.60E+05	6.33E+05	5.89E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.45E+04	5.36E+04	5.04E+04
1.93E+04	1.95E+04	2.57E+04	1.65E+04	3.17E+04	1.71E+04	1.16E+05	1.41E+05	1.29E+05
1.95E+04	1.42E+04	1.43E+04	8.91E+03	9.33E+03	8.77E+03	1.22E+05	6.90E+04	9.56E+04
9.00E+00	9.00E+00	7.86E+02	9.00E+00	9.00E+00	9.00E+00	1.71E+04	1.42E+04	1.49E+04
4.38E+04	4.26E+04	5.05E+04	6.24E+04	4.54E+04	5.54E+04	4.52E+04	4.47E+04	3.87E+04
1.90E+05	1.83E+05	2.15E+05	1.97E+05	1.89E+05	1.94E+05	3.71E+05	3.74E+05	3.54E+05
2.07E+05	2.00E+05	2.16E+05	2.19E+05	2.18E+05	2.08E+05	3.23E+05	3.30E+05	3.35E+05
1.23E+05	1.17E+05	1.02E+05	6.81E+04	7.56E+04	1.17E+05	4.37E+04	7.58E+04	5.32E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.92E+04	9.04E+04	9.99E+04
6.24E+05	5.26E+05	6.10E+05	5.35E+05	5.10E+05	7.16E+05	5.03E+05	4.94E+05	5.08E+05
1.12E+05	1.06E+05	8.94E+04	1.05E+05	1.02E+05	1.34E+05	8.90E+04	7.69E+04	7.92E+04
1.60E+04	1.77E+04	1.54E+04	1.61E+04	1.61E+04	1.65E+04	1.98E+04	1.67E+04	1.47E+04
4.54E+04	4.50E+04	3.55E+04	4.17E+04	4.38E+04	4.45E+04	6.30E+04	5.41E+04	5.69E+04
1.57E+06	1.48E+06	1.46E+06	1.52E+06	1.27E+06	1.79E+06	1.18E+06	1.23E+06	1.02E+06
1.01E+05	8.32E+04	9.63E+04	9.05E+04	7.62E+04	1.19E+05	8.47E+04	7.12E+04	5.69E+04
2.48E+04	2.10E+04	2.17E+04	1.94E+04	1.99E+04	2.34E+04	2.29E+04	2.20E+04	2.23E+04
5.29E+05	5.46E+05	6.24E+05	4.05E+05	5.75E+05	5.66E+05	6.15E+05	6.11E+05	6.32E+05
3.50E+04	2.75E+04	1.37E+04	5.07E+04	9.42E+03	1.07E+04	2.64E+04	1.62E+04	1.86E+04
1.16E+04	1.38E+04	2.13E+04	1.47E+04	1.06E+04	6.23E+03	5.34E+04	6.04E+04	7.89E+04
2.11E+05	2.59E+05	2.23E+05	4.03E+05	1.49E+05	1.29E+05	1.67E+06	1.56E+06	1.60E+06
7.99E+04	1.40E+05	2.17E+05	6.09E+04	1.86E+05	1.36E+05	2.06E+05	1.92E+05	2.02E+05
1.50E+05	9.20E+04	1.30E+05	2.12E+05	1.81E+05	2.73E+04	4.73E+05	4.20E+05	4.74E+05
1.55E+06	1.59E+06	1.68E+06	1.84E+06	1.77E+06	1.22E+06	4.29E+06	4.44E+06	3.98E+06
3.60E+06	2.63E+06	2.11E+06	3.68E+06	3.50E+06	2.09E+06	3.07E+06	1.93E+06	3.13E+06
3.60E+05	2.89E+05	3.62E+05	3.92E+05	2.21E+05	2.32E+05	6.37E+05	6.73E+05	7.05E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.10E+05	2.55E+05	2.88E+05
7.30E+04	8.36E+04	9.29E+04	9.34E+04	1.34E+05	1.09E+05	2.82E+05	2.74E+05	2.52E+05
1.58E+05	1.73E+05	1.90E+05	2.15E+05	1.39E+05	1.26E+05	5.85E+05	5.99E+05	5.88E+05
1.26E+06	1.97E+06	2.94E+06	2.16E+06	2.09E+06	1.72E+06	2.10E+06	1.89E+06	2.03E+06
5.36E+06	4.86E+06	6.05E+06	5.52E+06	4.28E+06	4.37E+06	1.64E+07	1.51E+07	1.58E+07

3.52E+06	4.04E+06	4.56E+06	5.26E+06	5.13E+06	4.16E+06	2.91E+06	3.24E+06	2.94E+06
6.47E+04	6.43E+04	4.62E+04	5.45E+04	4.13E+04	3.48E+04	5.41E+04	4.40E+04	5.66E+04
1.38E+05	1.27E+05	1.38E+05	1.58E+05	1.59E+05	1.35E+05	8.81E+04	8.09E+04	1.14E+05
1.03E+05	1.13E+05	1.29E+05	1.47E+05	8.62E+04	7.90E+04	1.68E+05	1.67E+05	1.60E+05
2.80E+05	2.65E+05	2.23E+05	4.71E+05	1.91E+05	9.26E+04	3.97E+05	3.78E+05	2.59E+05
6.37E+04	8.04E+04	1.01E+05	1.20E+05	3.86E+04	5.94E+04	4.37E+04	3.16E+04	4.70E+04
2.90E+05	4.24E+05	2.53E+05	4.47E+05	3.01E+05	2.43E+05	2.11E+05	2.16E+05	1.27E+05
1.62E+06	2.62E+06	2.27E+06	5.91E+05	2.54E+06	1.84E+06	8.58E+05	1.18E+06	7.47E+05
1.96E+04	1.66E+04	1.77E+04	2.05E+04	1.12E+04	2.08E+04	4.55E+04	6.79E+04	6.10E+04
1.83E+05	1.07E+05	2.47E+05	1.60E+05	1.37E+05	1.70E+05	9.58E+04	9.72E+04	8.49E+04
3.79E+04	2.56E+04	4.79E+04	2.90E+04	3.00E+04	4.28E+04	3.55E+04	4.01E+04	4.16E+04
8.69E+06	9.69E+06	1.14E+07	1.17E+07	1.02E+07	9.11E+06	7.67E+06	8.00E+06	9.03E+06
2.44E+05	2.25E+05	2.40E+05	2.31E+05	2.40E+05	2.30E+05	2.89E+05	2.69E+05	3.03E+05
8.50E+04	9.61E+04	1.16E+05	9.87E+04	1.12E+05	1.20E+05	9.57E+04	8.12E+04	8.00E+04
1.33E+05	8.07E+04	8.04E+04	1.01E+05	8.65E+04	8.04E+04	1.49E+05	1.24E+05	1.20E+05
5.78E+04	4.85E+04	6.31E+04	6.85E+04	5.84E+04	3.63E+04	1.91E+05	2.02E+05	2.03E+05
2.28E+05	2.67E+05	2.79E+05	2.99E+04	3.30E+05	2.95E+05	4.66E+06	5.32E+06	4.54E+06
6.69E+05	4.84E+05	6.15E+05	6.57E+05	6.37E+05	4.10E+05	1.17E+06	1.17E+06	1.16E+06
1.33E+06	8.25E+05	1.42E+06	1.36E+06	1.45E+06	1.17E+06	1.38E+06	1.56E+06	1.45E+06
2.62E+07	2.23E+07	1.97E+07	2.41E+07	2.74E+07	1.82E+07	4.34E+07	4.53E+07	4.91E+07
1.41E+05	1.73E+05	1.95E+05	1.90E+05	2.53E+05	1.88E+05	1.63E+05	1.89E+05	1.57E+05
1.75E+05	8.46E+04	1.54E+05	1.18E+05	1.36E+05	1.35E+05	1.23E+06	1.22E+06	1.13E+06
3.62E+05	2.54E+05	4.96E+05	4.72E+05	2.23E+05	1.97E+05	2.58E+06	2.55E+06	2.53E+06
8.06E+05	4.81E+05	7.28E+05	1.78E+05	2.09E+05	1.04E+06	3.66E+05	5.54E+05	5.14E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.97E+05	4.84E+05	4.54E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.79E+03	7.44E+04	4.38E+04	5.03E+04
1.76E+05	1.24E+05	1.68E+05	1.66E+05	1.31E+05	1.46E+05	1.84E+05	1.50E+05	1.79E+05
8.72E+04	6.71E+04	6.53E+04	9.07E+04	7.19E+04	5.81E+04	6.57E+04	7.89E+04	5.82E+04
2.21E+05	1.64E+05	2.06E+05	2.08E+05	1.67E+05	1.91E+05	1.70E+05	1.50E+05	1.28E+05
3.89E+06	3.56E+06	4.08E+06	5.95E+06	4.39E+06	3.13E+06	3.03E+06	2.92E+06	2.81E+06
1.22E+05	1.06E+05	1.56E+05	1.36E+05	1.37E+05	1.24E+05	1.31E+05	1.19E+05	1.08E+05
5.64E+05	5.10E+05	6.17E+05	6.30E+05	4.12E+05	4.67E+05	6.17E+05	6.97E+05	6.22E+05
1.24E+06	1.10E+06	1.12E+06	1.37E+06	1.51E+06	1.23E+06	8.88E+05	9.75E+05	9.98E+05
5.03E+04	3.27E+04	4.33E+04	3.81E+04	2.99E+04	5.23E+04	5.10E+04	5.08E+04	5.76E+04
4.27E+05	3.86E+05	3.95E+05	3.60E+05	4.61E+05	3.37E+05	1.90E+05	2.09E+05	1.85E+05
2.90E+05	3.05E+05	4.05E+05	3.22E+05	2.60E+05	3.08E+05	1.46E+05	1.44E+05	1.72E+05
1.26E+05	9.53E+04	1.45E+05	1.26E+05	1.47E+05	1.74E+05	1.62E+05	1.65E+05	1.41E+05
7.22E+03	1.35E+04	5.41E+03	3.58E+03	1.35E+04	9.00E+03	1.23E+05	1.55E+05	1.51E+05
1.43E+05	8.00E+04	1.57E+05	1.44E+05	1.23E+05	1.58E+05	1.26E+05	1.30E+05	1.45E+05
2.06E+05	2.50E+05	2.48E+05	2.43E+05	2.70E+05	1.52E+05	3.73E+05	3.92E+05	3.57E+05
3.61E+05	3.83E+05	5.41E+05	4.42E+05	4.66E+05	3.77E+05	2.76E+05	2.52E+05	2.83E+05
2.15E+05	2.23E+05	2.86E+05	2.48E+05	2.38E+05	1.83E+05	1.16E+05	1.39E+05	1.43E+05
3.09E+05	2.96E+05	2.23E+05	2.75E+05	4.16E+04	1.45E+05	2.43E+05	2.26E+05	2.38E+05
3.23E+05	2.78E+05	4.85E+05	2.52E+05	6.87E+05	1.94E+05	2.62E+05	2.38E+05	2.67E+05
6.84E+04	9.30E+04	1.09E+05	1.19E+05	9.88E+04	1.05E+05	5.51E+04	6.88E+04	5.73E+04
1.18E+05	6.49E+04	1.73E+05	1.15E+05	1.84E+05	9.60E+04	1.59E+05	1.32E+05	1.56E+05
3.16E+04	3.29E+04	4.04E+04	2.61E+04	2.85E+04	3.18E+04	1.39E+04	3.04E+04	3.38E+04
3.08E+04	1.34E+04	2.09E+04	1.82E+04	2.59E+04	2.86E+04	4.00E+04	2.84E+04	2.88E+04
1.06E+05	7.50E+04	1.41E+05	1.03E+05	1.14E+05	1.21E+05	2.79E+05	3.06E+05	2.85E+05
5.12E+05	3.58E+05	6.11E+05	3.65E+05	5.40E+05	6.38E+05	1.41E+06	1.42E+06	1.46E+06
1.12E+06	9.94E+05	1.52E+06	1.20E+06	8.62E+05	1.43E+06	2.82E+06	2.30E+06	2.50E+06
4.11E+05	4.21E+05	4.42E+05	4.09E+05	2.82E+05	4.00E+05	1.95E+05	1.92E+05	2.27E+05
1.09E+06	9.56E+05	1.56E+06	9.05E+05	9.70E+05	1.11E+06	1.32E+06	1.57E+06	1.45E+06
1.71E+05	1.21E+05	1.40E+05	1.87E+05	9.77E+04	9.35E+04	8.37E+04	7.50E+04	7.90E+04

1.15E+04	8.60E+03	1.55E+04	1.27E+04	9.89E+03	1.32E+04	3.23E+04	3.17E+04	2.65E+04
6.60E+05	6.74E+05	9.49E+05	6.59E+05	6.51E+05	4.03E+05	5.67E+05	5.97E+05	6.08E+05
6.69E+05	7.12E+05	6.33E+05	6.63E+05	7.65E+05	4.62E+05	2.99E+05	3.09E+05	3.71E+05
6.94E+04	8.09E+04	5.91E+04	8.60E+04	1.31E+05	3.63E+04	7.37E+04	4.60E+04	4.62E+04
4.72E+05	3.76E+05	5.69E+05	2.00E+05	5.62E+05	4.95E+05	6.59E+05	7.53E+05	6.56E+05
5.45E+06	3.93E+06	7.42E+06	3.11E+06	9.83E+06	9.27E+06	1.49E+07	1.59E+07	1.38E+07
4.82E+04	4.16E+04	6.40E+04	5.52E+04	3.19E+04	5.60E+04	7.74E+04	9.65E+04	1.16E+05
9.28E+04	7.85E+04	6.61E+04	7.22E+04	7.83E+04	9.17E+04	5.56E+04	5.39E+04	4.15E+04
1.37E+03	3.27E+03	3.63E+03	4.02E+03	3.48E+03	3.72E+03	5.01E+03	5.96E+03	5.02E+03
5.66E+02	1.61E+03	2.21E+03	1.69E+03	9.83E+02	1.09E+03	8.05E+03	8.15E+03	7.20E+03
2.33E+03	2.75E+03	3.94E+03	4.33E+03	2.86E+03	3.32E+03	5.03E+03	5.03E+03	4.96E+03
9.00E+00	9.00E+00	1.17E+04	9.00E+00	9.00E+00	9.00E+00	2.14E+04	2.05E+04	2.09E+04
3.36E+03	5.50E+03	9.60E+03	1.02E+04	6.28E+03	4.59E+03	1.10E+04	1.33E+04	1.27E+04
1.24E+04	1.18E+04	1.30E+04	1.42E+04	1.50E+04	1.39E+04	1.38E+04	1.30E+04	1.42E+04
2.98E+03	2.95E+03	3.25E+03	3.37E+03	2.94E+03	4.72E+03	6.60E+03	5.80E+03	5.42E+03
1.79E+03	2.01E+03	2.04E+03	1.81E+03	9.59E+02	1.35E+03	1.29E+03	1.12E+03	1.84E+03
6.28E+03	1.09E+04	6.36E+03	8.16E+03	8.85E+03	1.28E+04	1.41E+04	2.62E+04	1.49E+04
1.89E+05	2.27E+05	1.90E+05	2.33E+05	2.03E+05	1.57E+05	3.22E+05	3.05E+05	3.40E+05
5.29E+04	5.26E+04	4.64E+04	4.57E+04	5.09E+04	4.78E+04	5.30E+04	6.19E+04	5.73E+04
1.94E+05	2.14E+05	1.79E+05	8.77E+04	2.73E+05	1.61E+05	1.53E+05	9.40E+04	1.14E+05
1.35E+04	1.15E+04	3.31E+04	2.24E+04	3.04E+04	2.93E+04	1.88E+04	2.37E+04	2.35E+04
1.19E+05	1.06E+05	1.05E+05	1.04E+05	1.00E+05	1.04E+05	1.07E+05	1.04E+05	1.24E+05
2.90E+04	1.70E+04	2.39E+04	4.18E+04	2.05E+04	2.51E+04	1.45E+04	1.43E+04	1.96E+04
1.75E+05	1.49E+05	1.67E+05	1.88E+05	1.77E+05	1.93E+05	1.04E+05	1.04E+05	1.02E+05
1.74E+04	1.12E+04	3.03E+03	1.73E+04	3.10E+04	1.12E+04	4.35E+04	6.36E+04	4.97E+04
8.88E+03	1.33E+04	1.29E+04	7.93E+03	5.90E+03	7.35E+03	6.53E+03	1.36E+04	6.14E+03
2.02E+05	2.55E+05	1.28E+05	1.83E+05	1.67E+05	1.09E+05	1.88E+05	1.59E+05	1.84E+05
2.95E+04	5.41E+04	6.16E+04	5.29E+04	3.58E+04	3.92E+04	1.88E+05	1.63E+05	1.74E+05
1.08E+05	7.62E+04	7.55E+04	1.05E+05	1.30E+05	1.19E+05	1.15E+05	1.22E+05	1.32E+05
1.87E+05	1.18E+05	1.66E+05	1.48E+05	1.14E+05	1.38E+05	1.30E+05	1.16E+05	1.27E+05
1.05E+06	9.03E+05	1.16E+06	1.02E+06	1.03E+06	9.05E+05	9.02E+05	7.96E+05	8.93E+05
4.83E+04	3.28E+04	5.31E+04	4.57E+04	4.63E+04	5.11E+04	3.62E+04	3.80E+04	3.58E+04
1.66E+05	7.04E+04	1.64E+05	8.72E+04	1.24E+05	2.15E+05	3.32E+05	3.33E+05	3.49E+05
3.25E+04	2.34E+04	3.56E+04	2.16E+04	3.43E+04	2.92E+04	6.38E+04	5.89E+04	6.03E+04
1.76E+05	1.74E+05	1.75E+05	2.37E+05	1.24E+05	1.19E+05	2.37E+05	2.58E+05	2.41E+05
5.02E+04	1.19E+05	2.71E+04	1.17E+05	1.11E+05	1.18E+05	9.86E+04	7.93E+04	1.15E+05
1.04E+05	9.46E+04	5.89E+04	6.79E+04	9.42E+04	5.49E+04	1.02E+05	7.43E+04	1.03E+05
9.30E+04	9.62E+04	7.43E+04	8.49E+04	5.23E+04	5.41E+04	1.97E+05	2.93E+05	2.26E+05
1.44E+05	1.55E+05	1.20E+05	1.17E+05	1.62E+05	6.04E+04	1.53E+05	1.51E+05	1.75E+05
2.52E+06	2.57E+06	2.74E+06	2.70E+06	2.75E+06	2.29E+06	2.14E+06	2.18E+06	2.02E+06
2.48E+05	2.96E+05	9.88E+04	1.84E+05	1.45E+05	1.29E+05	1.70E+05	1.66E+05	2.30E+05
1.41E+06	1.55E+06	9.77E+05	1.21E+06	1.11E+06	8.32E+05	1.81E+06	1.81E+06	1.84E+06
1.51E+04	2.15E+04	6.01E+03	2.93E+04	1.14E+04	7.37E+03	1.55E+04	1.56E+04	1.76E+04
2.84E+04	1.78E+04	3.15E+04	2.35E+04	3.96E+04	2.58E+04	4.72E+04	4.81E+04	6.80E+04
3.30E+04	4.62E+04	2.80E+04	4.39E+04	2.69E+04	2.84E+04	4.75E+04	5.77E+04	3.51E+04
4.68E+04	4.19E+04	3.91E+04	3.34E+04	2.52E+04	3.16E+04	2.78E+05	2.48E+05	2.85E+05
1.54E+04	8.13E+03	2.13E+04	4.03E+03	1.56E+04	8.19E+03	3.04E+04	2.52E+04	4.37E+04
5.33E+05	5.01E+05	5.43E+05	4.31E+05	5.06E+05	4.62E+05	3.65E+05	3.60E+05	3.74E+05
1.67E+05	1.46E+05	1.82E+05	1.18E+05	1.12E+05	1.24E+05	1.19E+05	1.68E+05	1.05E+05
3.25E+04	2.27E+04	4.81E+04	2.60E+04	3.71E+04	5.04E+04	6.55E+04	4.49E+04	4.11E+04
2.47E+05	1.74E+05	1.83E+05	1.74E+05	2.08E+05	1.64E+05	2.79E+05	2.92E+05	2.40E+05
5.60E+03	5.81E+03	4.80E+03	4.53E+03	5.15E+03	6.22E+03	9.29E+03	9.45E+03	7.23E+03
8.69E+03	1.08E+04	9.29E+03	1.03E+04	9.86E+03	1.87E+04	2.37E+04	2.23E+04	1.65E+04
9.58E+04	7.90E+04	6.82E+04	5.17E+04	8.81E+04	1.17E+04	1.64E+05	1.45E+05	1.72E+05

1.54E+05	1.10E+05	1.65E+05	1.85E+05	2.55E+04	1.35E+05	3.36E+05	4.82E+05	4.92E+05
6.28E+05	8.36E+05	6.56E+05	9.56E+05	7.35E+05	6.64E+05	1.38E+06	1.39E+06	1.29E+06
3.90E+06	3.58E+06	3.91E+06	3.22E+06	4.13E+06	3.55E+06	2.92E+06	2.82E+06	2.83E+06
5.26E+05	4.04E+05	3.66E+05	7.79E+05	6.06E+05	2.68E+05	5.25E+05	1.74E+05	4.72E+05
1.80E+05	1.36E+05	1.65E+05	1.65E+05	1.99E+05	1.49E+05	1.37E+05	1.30E+05	1.45E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.70E+04	1.94E+04	1.89E+04
1.30E+06	1.15E+06	1.08E+06	9.91E+05	1.65E+06	1.25E+06	2.82E+06	2.97E+06	2.86E+06
7.98E+06	9.24E+06	8.60E+06	8.51E+06	8.56E+06	8.76E+06	1.79E+07	1.86E+07	1.90E+07
1.21E+05	1.32E+05	8.69E+04	1.42E+05	9.35E+04	7.17E+04	1.32E+05	1.20E+05	9.98E+04
2.34E+05	1.89E+05	1.56E+05	1.77E+05	1.16E+05	1.16E+05	2.19E+05	2.19E+05	2.06E+05
6.17E+04	4.69E+04	3.20E+04	5.28E+04	1.83E+04	3.36E+04	7.79E+04	6.38E+04	7.09E+04
1.02E+05	9.32E+04	9.98E+04	1.10E+05	1.19E+05	1.20E+05	1.30E+05	1.21E+05	1.32E+05
1.20E+05	1.00E+05	1.31E+05	4.88E+04	4.11E+04	1.00E+05	1.84E+05	2.12E+05	1.88E+05
2.29E+05	2.32E+05	2.54E+05	2.26E+05	2.18E+05	2.61E+05	2.95E+05	3.41E+05	2.71E+05
1.19E+06	1.25E+06	1.63E+06	1.25E+06	1.09E+06	1.44E+06	2.66E+06	2.68E+06	2.69E+06
3.91E+04	3.08E+04	3.57E+04	4.81E+04	3.33E+04	2.87E+04	3.79E+04	4.71E+04	4.66E+04
4.43E+04	6.35E+04	4.53E+04	3.69E+04	3.31E+04	5.20E+04	6.97E+04	5.18E+04	5.54E+04
4.06E+05	5.05E+05	3.03E+05	3.94E+05	3.67E+05	2.84E+05	4.09E+05	3.58E+05	3.69E+05
9.00E+00	9.00E+00	9.00E+00	1.27E+04	9.00E+00	9.00E+00	2.47E+04	1.76E+04	1.77E+04
1.40E+04	2.03E+04	2.72E+04	2.64E+04	3.18E+04	3.35E+04	3.52E+04	4.07E+04	3.40E+04
2.43E+04	1.75E+04	4.19E+04	2.93E+04	2.37E+04	4.32E+04	3.84E+04	4.38E+04	1.90E+04
3.88E+04	3.61E+04	5.70E+04	4.89E+04	2.75E+04	5.98E+04	7.93E+04	7.45E+04	8.46E+04
1.64E+05	1.73E+05	2.12E+05	2.22E+05	1.97E+05	1.79E+05	1.03E+05	1.06E+05	1.15E+05
4.96E+04	3.54E+04	3.74E+04	5.78E+04	4.38E+04	3.87E+04	8.36E+04	9.82E+04	6.78E+04
4.58E+05	4.16E+05	4.92E+05	4.39E+05	3.83E+05	4.15E+05	4.41E+05	4.14E+05	4.28E+05
6.56E+05	6.82E+05	6.10E+05	8.78E+05	6.73E+05	6.51E+05	7.23E+05	7.06E+05	7.23E+05
5.86E+04	6.63E+04	4.42E+04	7.56E+04	7.27E+04	8.31E+04	8.31E+04	8.43E+04	5.83E+04
1.19E+04	9.60E+03	1.24E+04	1.23E+04	9.60E+03	7.07E+03	5.03E+04	5.07E+04	5.23E+04
5.85E+05	5.54E+05	6.46E+05	5.96E+05	4.71E+05	5.37E+05	1.12E+06	1.10E+06	1.13E+06
1.13E+04	6.06E+03	8.06E+03	1.00E+04	9.29E+03	7.36E+03	4.15E+04	4.63E+04	3.53E+04
3.92E+04	3.31E+04	3.65E+04	3.56E+04	3.38E+04	3.50E+04	6.36E+04	6.00E+04	6.10E+04
2.59E+04	2.91E+04	2.14E+04	2.71E+04	2.97E+04	9.52E+03	3.57E+04	4.38E+04	4.41E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.64E+05	3.79E+05	2.16E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.30E+05	1.21E+05	1.23E+05
8.29E+05	7.95E+05	6.41E+05	6.99E+05	9.69E+05	5.19E+05	6.45E+05	5.62E+05	5.90E+05
3.22E+03	9.00E+00	9.00E+00	5.12E+03	9.00E+00	9.00E+00	7.49E+04	5.95E+04	5.28E+04
5.23E+03	1.70E+04	1.23E+04	2.09E+04	4.41E+03	6.35E+03	1.95E+04	2.14E+04	1.43E+04
1.60E+04	1.23E+04	1.58E+04	1.30E+04	1.06E+04	1.87E+04	1.20E+04	8.54E+03	1.12E+04
8.54E+03	1.03E+04	7.38E+03	7.79E+03	8.68E+03	6.45E+03	9.39E+03	9.20E+03	9.47E+03
4.50E+05	3.57E+05	3.52E+05	3.45E+05	3.42E+05	4.45E+05	2.95E+05	3.02E+05	3.08E+05
1.42E+04	1.25E+04	1.29E+04	1.09E+04	1.11E+04	1.17E+04	1.40E+04	1.12E+04	1.41E+04
1.86E+04	1.54E+04	1.66E+04	2.79E+04	2.03E+04	2.38E+04	2.38E+04	2.41E+04	2.50E+04
2.72E+04	1.63E+04	2.35E+04	3.15E+04	1.85E+04	9.65E+03	2.74E+04	2.56E+04	1.57E+04
3.73E+04	2.30E+04	5.01E+04	1.95E+04	2.62E+04	1.44E+04	5.50E+04	5.69E+04	5.71E+04
4.97E+04	1.33E+05	9.02E+04	1.96E+05	7.62E+04	6.63E+04	1.27E+05	1.42E+05	1.17E+05
1.17E+05	1.34E+05	1.51E+05	1.20E+05	1.28E+05	9.53E+04	1.53E+05	1.40E+05	1.14E+05
1.35E+06	1.50E+06	1.04E+06	5.59E+05	1.04E+06	1.24E+06	7.12E+05	7.22E+05	7.61E+05
1.37E+05	1.54E+05	1.54E+05	1.89E+05	1.63E+05	1.40E+05	1.07E+05	1.08E+05	1.17E+05
3.62E+05	1.98E+05	3.82E+05	2.60E+05	2.71E+05	3.89E+05	3.09E+05	2.34E+05	1.99E+05
1.20E+05	9.14E+04	8.09E+04	9.63E+04	1.29E+05	1.16E+05	2.55E+05	2.33E+05	2.37E+05
1.38E+05	1.01E+05	1.22E+05	8.02E+04	1.54E+05	7.71E+04	1.52E+05	8.56E+04	8.90E+04
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.05E+04	7.98E+04	7.63E+04
2.00E+05	2.48E+05	9.47E+04	3.75E+05	4.02E+05	2.85E+05	9.32E+04	2.77E+05	2.27E+05
9.48E+05	9.43E+05	9.41E+05	1.35E+06	1.04E+06	7.16E+05	2.44E+06	2.38E+06	2.33E+06

2.25E+04	9.00E+00	9.00E+00	2.00E+04	9.00E+00	9.00E+00	1.24E+06	1.12E+06	1.08E+06
9.00E+00	1.02E+06	1.15E+06	9.00E+00	9.00E+00	9.00E+00	2.39E+06	2.30E+06	1.82E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.76E+05	1.72E+05	1.69E+05
6.89E+04	5.00E+04	8.27E+04	6.10E+04	5.73E+04	5.73E+04	5.95E+04	6.14E+04	6.16E+04
3.52E+04	3.63E+04	4.03E+04	4.42E+04	2.87E+04	2.15E+04	3.32E+04	2.44E+04	2.73E+04
1.57E+07	1.67E+07	1.95E+07	2.02E+07	1.91E+07	1.68E+07	1.26E+07	1.15E+07	1.19E+07
6.34E+05	6.57E+05	7.07E+05	8.79E+05	4.66E+05	4.14E+05	9.18E+05	9.43E+05	9.44E+05
8.18E+04	9.04E+04	1.12E+05	1.49E+05	9.72E+04	6.37E+04	7.23E+04	6.46E+04	8.23E+04
7.03E+05	5.89E+05	6.80E+05	6.77E+05	7.61E+05	6.42E+05	8.15E+05	9.65E+05	7.86E+05
8.58E+04	1.02E+05	1.74E+05	1.76E+05	1.13E+05	1.39E+05	6.52E+05	7.24E+05	6.52E+05
2.93E+05	2.48E+05	3.03E+05	2.80E+05	2.30E+05	2.86E+05	5.19E+05	4.76E+05	5.20E+05
4.88E+05	4.79E+05	5.30E+05	5.11E+05	5.78E+05	6.24E+05	4.63E+05	3.83E+05	4.61E+05
1.97E+05	1.65E+05	1.80E+05	2.05E+05	1.24E+05	1.47E+05	1.95E+05	1.89E+05	1.89E+05
4.66E+04	3.98E+04	6.53E+04	4.54E+04	5.70E+04	6.84E+04	5.51E+04	6.07E+04	5.98E+04
3.97E+06	4.61E+06	4.16E+06	4.06E+06	2.73E+06	4.84E+06	3.76E+06	2.43E+06	3.34E+06
2.75E+05	2.74E+05	4.20E+05	3.96E+05	3.40E+05	3.48E+05	6.44E+06	6.68E+06	6.14E+06
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.19E+04	5.93E+04	4.29E+04
4.45E+04	3.21E+04	2.09E+05	1.66E+05	1.94E+05	1.56E+05	5.83E+05	6.30E+05	5.64E+05
5.49E+07	6.63E+07	6.98E+07	6.25E+07	7.21E+07	5.43E+07	1.47E+08	1.49E+08	1.46E+08
1.51E+05	5.30E+04	1.70E+05	1.67E+05	1.91E+05	1.47E+05	5.46E+06	4.78E+06	4.76E+06
7.87E+04	9.49E+04	1.11E+05	1.39E+05	9.85E+04	8.12E+04	3.27E+05	3.03E+05	2.94E+05
9.50E+04	1.07E+05	8.89E+04	9.95E+04	1.05E+05	9.46E+04	9.94E+04	1.17E+05	1.20E+05
6.36E+04	7.26E+04	5.48E+04	7.90E+04	7.77E+04	6.79E+04	1.28E+05	1.24E+05	1.31E+05
1.86E+05	1.99E+05	1.45E+05	2.11E+05	1.41E+05	2.07E+05	2.29E+05	2.49E+05	2.01E+05
3.71E+04	9.00E+00	9.00E+00	9.00E+00	3.35E+04	9.00E+00	2.96E+05	3.35E+05	3.69E+05
1.09E+05	1.18E+05	1.67E+05	1.20E+05	1.17E+05	1.10E+05	4.90E+05	4.36E+05	4.25E+05
5.82E+05	5.55E+05	6.97E+05	5.71E+05	5.70E+05	5.85E+05	1.48E+06	1.91E+06	1.48E+06
1.03E+05	4.33E+04	8.46E+04	7.41E+04	8.91E+04	6.29E+04	1.18E+05	9.97E+04	1.27E+05
3.30E+06	3.14E+06	3.39E+06	4.01E+06	2.73E+06	1.85E+06	4.28E+07	3.35E+07	4.17E+07
2.24E+04	2.11E+04	3.21E+04	3.10E+04	1.12E+04	1.32E+04	3.75E+06	2.90E+06	3.27E+06
9.00E+00	1.23E+04	9.00E+00	9.00E+00	9.00E+00	1.04E+04	2.72E+04	3.31E+04	3.56E+04
6.83E+04	6.54E+04	9.33E+04	7.55E+04	2.71E+04	7.63E+04	2.10E+05	1.88E+05	2.15E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.16E+05	2.26E+05	2.12E+05
5.43E+05	6.39E+05	6.38E+05	6.53E+05	5.70E+05	5.36E+05	7.69E+05	8.04E+05	7.39E+05
2.24E+05	2.40E+05	2.53E+05	2.85E+05	2.47E+05	2.74E+05	1.50E+05	1.93E+05	1.51E+05
1.36E+04	9.00E+00	9.00E+00	1.59E+04	9.00E+00	9.00E+00	1.03E+05	9.05E+04	9.61E+04
2.70E+04	3.11E+04	3.06E+04	4.26E+04	2.90E+04	9.00E+00	1.26E+05	1.41E+05	1.23E+05
9.14E+04	5.70E+04	1.15E+05	6.48E+04	1.00E+05	9.71E+04	7.61E+04	6.32E+04	6.08E+04
5.19E+04	7.50E+04	8.70E+04	9.41E+04	3.80E+04	4.07E+04	7.91E+05	8.01E+05	8.07E+05
9.00E+00	1.99E+04	9.00E+00	1.92E+04	9.00E+00	9.00E+00	6.86E+04	5.49E+04	7.71E+04
1.04E+06	9.92E+05	9.09E+05	9.16E+05	9.08E+05	9.16E+05	5.87E+05	5.58E+05	5.70E+05
5.85E+04	4.39E+04	3.69E+04	5.44E+04	3.32E+04	3.80E+04	4.49E+04	3.96E+04	3.86E+04
6.64E+05	6.64E+05	7.07E+05	7.76E+05	6.94E+05	6.73E+05	4.86E+05	5.05E+05	3.65E+05
1.51E+05	1.40E+05	2.46E+05	1.72E+05	2.09E+05	2.82E+05	3.49E+05	2.32E+05	2.49E+05
1.20E+05	1.37E+05	1.13E+05	1.44E+05	1.56E+05	7.93E+04	1.03E+05	9.55E+04	8.64E+04
4.71E+05	1.51E+05	2.86E+05	4.82E+05	3.79E+05	1.64E+05	4.84E+05	3.64E+05	3.71E+05
1.60E+05	1.92E+05	2.40E+05	2.08E+05	2.03E+05	1.62E+05	1.46E+05	1.47E+05	1.40E+05
3.87E+05	3.65E+05	4.78E+05	5.50E+05	2.69E+05	2.38E+05	1.70E+05	2.20E+05	2.09E+05
1.28E+06	1.20E+06	1.55E+06	1.64E+06	1.03E+06	1.34E+06	1.05E+06	1.06E+06	1.14E+06
2.43E+05	8.04E+04	4.44E+04	1.70E+05	2.03E+05	1.69E+05	1.47E+05	1.41E+05	1.27E+05
1.28E+05	1.10E+05	1.57E+05	1.72E+05	1.06E+05	9.97E+04	5.21E+04	6.39E+04	5.04E+04
1.67E+05	1.13E+05	1.03E+05	9.94E+04	6.37E+04	1.78E+05	1.07E+05	1.40E+05	1.39E+05
1.01E+05	8.39E+04	1.11E+05	1.54E+05	9.32E+04	7.26E+04	3.88E+04	3.76E+04	4.33E+04
8.03E+04	7.24E+04	7.21E+04	4.62E+04	9.55E+04	6.78E+04	1.52E+04	2.78E+04	3.21E+04

1.25E+04	5.25E+04	6.20E+04	4.37E+04	4.54E+04	4.72E+04	2.95E+04	3.24E+04	1.91E+04
9.00E+00	9.00E+00	7.60E+04	9.00E+00	9.00E+00	9.00E+00	1.52E+05	1.30E+05	1.82E+05
1.64E+05	1.40E+05	1.60E+05	1.40E+05	1.94E+05	1.52E+05	1.52E+06	1.39E+06	1.37E+06
2.24E+05	2.03E+05	2.16E+05	2.09E+05	2.39E+05	2.32E+05	1.13E+05	1.14E+05	1.22E+05
5.67E+05	4.92E+05	6.13E+05	4.64E+05	4.93E+05	5.79E+05	5.58E+05	5.20E+05	5.58E+05
1.03E+05	6.84E+04	8.91E+04	9.28E+04	7.67E+04	7.39E+04	7.69E+04	1.11E+05	6.87E+04
9.61E+04	9.14E+04	1.24E+05	8.45E+04	8.21E+04	1.07E+05	9.96E+04	1.03E+05	9.91E+04
1.35E+05	1.13E+05	1.74E+05	1.48E+05	1.52E+05	1.98E+05	1.79E+05	1.66E+05	1.79E+05
1.10E+05	1.13E+05	1.38E+05	1.26E+05	6.88E+04	1.19E+05	1.08E+05	8.91E+04	9.03E+04
5.60E+05	6.33E+05	5.09E+05	4.76E+05	6.21E+05	5.56E+05	2.86E+05	2.39E+05	2.82E+05
2.25E+05	2.22E+05	2.90E+05	2.46E+05	1.76E+05	1.58E+05	9.74E+04	1.03E+05	1.26E+05
8.99E+05	9.71E+05	1.05E+06	9.13E+05	1.14E+06	9.49E+05	7.62E+05	8.19E+05	7.31E+05
3.93E+05	3.12E+05	3.44E+05	3.81E+05	2.24E+05	2.31E+05	1.78E+05	1.98E+05	1.78E+05
1.15E+06	1.24E+06	1.55E+06	1.42E+06	1.13E+06	1.11E+06	1.01E+06	1.05E+06	1.05E+06
3.11E+05	2.55E+05	2.88E+05	2.67E+05	2.91E+05	2.64E+05	3.16E+05	3.08E+05	3.08E+05
2.36E+04	1.46E+04	3.06E+04	2.65E+04	2.53E+04	8.78E+03	6.66E+05	7.26E+05	6.31E+05
1.07E+05	1.10E+05	1.22E+05	1.47E+05	1.30E+05	2.38E+05	3.90E+04	4.22E+04	3.70E+04
8.62E+04	7.87E+04	1.09E+05	1.32E+05	1.34E+05	1.65E+05	4.50E+04	3.44E+04	4.20E+04
7.66E+03	1.86E+04	2.40E+04	2.06E+04	4.43E+04	2.80E+04	1.39E+04	1.63E+04	1.22E+04
3.78E+04	1.02E+05	4.26E+04	2.93E+04	5.85E+04	3.76E+04	2.14E+07	1.71E+07	1.65E+07
9.60E+05	1.03E+06	1.45E+06	1.20E+06	1.15E+06	9.76E+05	6.91E+06	6.71E+06	6.69E+06
1.11E+05	7.55E+04	1.19E+05	1.33E+05	1.10E+05	6.79E+04	7.98E+04	1.08E+05	9.15E+04
2.66E+05	2.84E+05	3.73E+05	3.57E+05	3.54E+05	3.54E+05	3.94E+05	4.16E+05	3.46E+05
5.59E+06	5.89E+06	7.38E+06	7.10E+06	6.59E+06	5.37E+06	2.22E+07	2.32E+07	2.22E+07
1.10E+06	9.82E+05	1.21E+06	1.37E+06	1.12E+06	1.05E+06	2.00E+06	1.77E+06	1.93E+06
3.00E+06	3.25E+06	3.45E+06	3.94E+06	2.90E+06	2.98E+06	2.68E+06	2.62E+06	2.69E+06
2.69E+04	1.56E+04	2.31E+04	2.45E+04	2.95E+04	2.66E+04	2.75E+04	2.73E+04	2.44E+04
2.00E+04	2.83E+04	4.77E+04	2.98E+04	1.99E+04	2.39E+04	2.30E+04	3.65E+04	4.11E+04
1.05E+07	9.84E+06	1.25E+07	1.23E+07	1.24E+07	1.27E+07	1.14E+07	1.20E+07	1.11E+07
3.36E+06	3.73E+06	4.73E+06	4.35E+06	4.41E+06	4.36E+06	3.89E+06	3.80E+06	3.31E+06
6.45E+04	5.70E+04	1.15E+05	7.99E+04	8.89E+04	6.35E+04	6.10E+04	6.41E+04	5.58E+04
6.95E+06	6.16E+06	7.87E+06	5.85E+06	7.65E+06	6.95E+06	1.16E+07	1.20E+07	1.25E+07
1.46E+05	9.79E+04	1.69E+05	5.41E+04	1.16E+05	1.40E+05	1.67E+05	1.65E+05	1.91E+05
8.32E+05	7.71E+05	1.19E+06	9.73E+05	1.24E+06	8.12E+05	5.97E+06	5.07E+06	5.38E+06
3.40E+04	2.24E+04	4.25E+04	5.08E+04	3.61E+04	3.20E+04	5.66E+05	4.19E+05	4.88E+05
7.73E+06	6.76E+06	8.71E+06	8.57E+06	7.77E+06	7.65E+06	1.70E+07	1.70E+07	1.71E+07
2.41E+05	2.31E+05	2.47E+05	3.08E+05	2.33E+05	2.32E+05	1.54E+05	1.78E+05	1.50E+05
8.31E+05	6.12E+05	8.60E+05	7.96E+05	8.45E+05	7.59E+05	1.17E+06	1.09E+06	9.84E+05
1.56E+06	1.54E+06	1.85E+06	1.69E+06	1.65E+06	1.51E+06	3.10E+06	3.20E+06	3.12E+06
1.02E+07	9.55E+06	5.85E+06	9.93E+06	8.85E+06	9.72E+06	1.10E+07	1.10E+07	1.07E+07
6.99E+05	5.15E+05	7.97E+05	4.25E+05	6.32E+05	4.18E+05	3.88E+06	4.13E+06	4.01E+06
2.06E+06	1.99E+06	2.16E+06	2.21E+06	2.29E+06	1.18E+06	1.82E+06	1.59E+06	1.51E+06
4.88E+06	5.39E+06	5.47E+06	5.67E+06	5.76E+06	4.56E+06	7.04E+06	6.63E+06	6.15E+06
5.58E+07	5.45E+07	5.62E+07	6.10E+07	5.92E+07	5.18E+07	4.07E+07	3.99E+07	4.22E+07
4.87E+06	3.69E+06	4.21E+06	4.42E+06	4.19E+06	3.93E+06	3.11E+06	3.20E+06	3.13E+06
1.21E+06	1.28E+06	1.15E+06	1.23E+06	1.30E+06	1.19E+06	1.01E+06	8.26E+05	9.02E+05
2.56E+06	2.47E+06	2.90E+06	2.72E+06	2.88E+06	2.69E+06	3.37E+06	3.29E+06	3.31E+06
7.06E+06	5.75E+06	4.72E+06	7.08E+06	6.21E+06	6.38E+06	4.34E+06	4.66E+06	4.40E+06
2.17E+06	2.61E+06	3.19E+06	2.88E+06	2.48E+06	2.45E+06	1.82E+06	2.44E+06	2.60E+06
4.85E+05	5.01E+05	5.13E+05	6.37E+05	5.45E+05	4.80E+05	3.41E+05	3.33E+05	3.33E+05
7.47E+05	7.30E+05	8.07E+05	8.68E+05	6.87E+05	7.86E+05	8.00E+05	8.09E+05	7.37E+05
6.02E+04	6.00E+04	7.67E+04	7.21E+04	6.87E+04	5.43E+04	5.61E+04	6.21E+04	5.42E+04
1.13E+05	1.07E+05	1.80E+05	1.51E+05	2.00E+05	1.55E+05	2.18E+05	1.95E+05	2.13E+05
7.39E+04	1.26E+05	1.76E+05	1.02E+05	1.08E+05	1.66E+05	1.54E+05	1.78E+05	8.88E+04

1.97E+06	2.24E+06	2.24E+06	2.55E+06	2.21E+06	2.05E+06	2.02E+06	1.92E+06	1.72E+06
2.36E+06	2.36E+06	3.03E+06	2.47E+06	2.69E+06	2.90E+06	3.29E+06	3.53E+06	3.07E+06
3.54E+05	3.37E+05	4.03E+05	3.99E+05	3.98E+05	4.48E+05	5.68E+05	5.91E+05	5.10E+05
4.54E+05	4.43E+05	4.43E+05	5.98E+05	6.46E+05	5.41E+05	8.31E+05	6.38E+05	8.10E+05
6.01E+07	5.70E+07	6.56E+07	6.26E+07	5.81E+07	5.18E+07	5.65E+07	5.50E+07	5.44E+07
7.05E+05	4.28E+05	4.61E+05	5.91E+05	4.54E+05	8.00E+05	2.83E+05	2.78E+05	2.72E+05
1.84E+05	1.91E+05	2.19E+05	2.15E+05	1.95E+05	1.84E+05	2.63E+05	2.82E+05	2.77E+05
5.87E+05	5.18E+05	5.07E+05	7.23E+05	5.96E+05	5.72E+05	3.74E+05	3.82E+05	3.46E+05
3.03E+06	3.33E+06	3.26E+06	3.06E+06	3.42E+06	3.38E+06	4.10E+06	3.92E+06	3.98E+06
1.18E+05	1.20E+05	1.32E+05	1.27E+05	1.44E+05	1.38E+05	1.56E+05	1.62E+05	1.57E+05
2.50E+05	2.06E+05	2.60E+05	2.87E+05	2.20E+05	2.17E+05	6.67E+05	6.36E+05	7.00E+05
2.83E+06	2.92E+06	3.29E+06	3.05E+06	3.42E+06	2.92E+06	9.99E+06	9.78E+06	9.92E+06
3.75E+05	3.47E+05	3.80E+05	3.29E+05	4.06E+05	2.75E+05	1.43E+06	1.45E+06	1.40E+06
4.03E+04	3.68E+04	3.56E+04	1.93E+04	2.87E+04	5.67E+04	3.10E+04	5.06E+04	5.26E+04
8.94E+04	7.35E+04	7.84E+04	7.55E+04	6.98E+04	8.07E+04	7.65E+04	9.28E+04	9.26E+04
4.89E+04	5.16E+04	2.45E+04	6.08E+04	4.60E+04	1.97E+04	3.01E+04	1.43E+04	2.07E+04
1.18E+05	1.25E+05	9.15E+04	1.19E+05	1.27E+05	1.28E+05	1.32E+05	1.40E+05	1.90E+05
1.57E+05	7.98E+04	5.94E+04	1.23E+05	8.93E+04	3.61E+04	6.74E+04	6.60E+04	4.45E+04
4.62E+05	3.69E+05	4.30E+05	5.90E+05	3.76E+05	3.45E+05	2.23E+05	2.75E+05	1.64E+05
6.22E+05	5.57E+05	4.93E+05	7.26E+05	7.13E+05	4.63E+05	3.08E+05	2.89E+05	3.00E+05
1.11E+05	1.36E+05	1.45E+05	2.41E+05	2.17E+05	1.51E+05	8.32E+04	8.25E+04	8.75E+04
5.53E+04	3.76E+04	2.36E+04	6.02E+04	8.14E+04	3.95E+04	4.18E+04	4.07E+04	3.30E+04
2.18E+05	1.57E+05	1.81E+05	2.09E+05	1.68E+05	2.12E+05	9.24E+04	1.08E+05	1.19E+05
1.46E+05	1.31E+05	9.70E+04	1.97E+05	1.32E+05	1.52E+05	2.01E+05	2.16E+05	2.30E+05
7.42E+04	8.60E+04	4.37E+04	9.15E+04	6.30E+04	5.67E+04	7.47E+04	8.07E+04	7.77E+04
3.91E+05	3.00E+05	2.94E+05	4.35E+05	2.16E+05	2.65E+05	3.42E+05	3.55E+05	3.00E+05
9.55E+04	9.34E+04	6.72E+04	1.41E+05	7.72E+04	7.53E+04	5.22E+04	1.02E+05	9.43E+04
9.20E+04	6.47E+04	2.17E+04	1.20E+05	6.80E+04	3.70E+04	1.02E+05	1.12E+05	1.15E+05
1.00E+05	6.52E+04	8.03E+04	1.09E+05	7.67E+04	4.95E+04	4.44E+04	5.13E+04	7.53E+04
8.72E+04	1.16E+05	8.38E+04	8.46E+04	9.79E+04	6.18E+04	1.98E+05	1.89E+05	1.49E+05
3.42E+05	2.34E+05	2.45E+05	4.39E+05	2.31E+05	2.43E+05	2.00E+05	3.20E+05	3.09E+05
9.49E+05	7.85E+05	7.37E+05	1.27E+06	5.90E+05	5.10E+05	5.57E+05	5.66E+05	5.55E+05
1.16E+06	1.07E+06	8.03E+05	1.65E+06	8.32E+05	7.27E+05	5.23E+05	5.31E+05	5.41E+05
1.10E+06	9.77E+05	4.94E+05	1.41E+06	7.08E+05	6.08E+05	3.41E+05	2.04E+05	2.59E+05
6.32E+05	5.15E+05	5.80E+05	1.25E+06	8.87E+05	6.07E+05	3.05E+05	2.44E+05	2.55E+05
4.97E+05	3.46E+05	3.23E+05	7.22E+05	5.30E+05	4.57E+05	2.39E+05	2.17E+05	2.11E+05
1.31E+05	1.11E+05	1.12E+05	2.81E+05	1.41E+05	1.64E+05	6.80E+04	7.87E+04	6.95E+04
2.02E+06	1.96E+06	1.03E+06	3.07E+06	2.27E+06	1.71E+06	5.37E+05	5.60E+05	5.41E+05
3.05E+05	3.24E+05	1.66E+05	6.04E+05	2.92E+05	3.34E+05	1.15E+05	1.34E+05	1.40E+05
7.71E+04	5.19E+04	4.26E+04	1.60E+05	1.22E+05	8.78E+04	3.77E+04	3.68E+04	4.38E+04
1.12E+05	4.85E+04	1.49E+05	1.05E+05	1.47E+05	1.35E+05	1.34E+05	1.57E+05	2.08E+05
1.35E+05	1.64E+05	1.54E+05	2.06E+05	1.69E+05	9.80E+04	6.93E+04	8.35E+04	5.06E+04
1.34E+05	1.20E+05	5.68E+04	1.35E+05	3.71E+04	1.19E+05	5.20E+04	4.95E+04	3.44E+04
4.33E+05	2.97E+05	2.58E+05	4.27E+05	3.30E+05	2.69E+05	8.98E+04	1.17E+05	1.11E+05
2.54E+05	2.12E+05	1.37E+05	2.49E+05	2.33E+05	1.57E+05	5.22E+04	8.27E+04	6.35E+04
4.29E+05	4.16E+05	3.58E+05	4.08E+05	3.07E+05	2.97E+05	7.68E+05	7.79E+05	6.89E+05
4.36E+05	3.85E+05	2.53E+05	4.20E+05	2.18E+05	2.54E+05	3.08E+05	2.76E+05	3.18E+05
5.11E+04	4.55E+04	5.07E+04	5.89E+04	6.71E+04	6.87E+04	6.23E+04	8.53E+04	7.53E+04
5.80E+05	4.54E+05	3.73E+05	7.92E+05	3.25E+05	3.62E+05	2.67E+05	2.72E+05	2.54E+05
2.23E+05	2.10E+05	2.57E+05	2.20E+05	1.99E+05	2.30E+05	2.62E+05	2.93E+05	3.04E+05
9.95E+04	8.62E+04	2.96E+04	7.77E+04	7.38E+04	6.61E+04	1.11E+05	1.06E+05	8.75E+04
1.21E+06	1.17E+06	8.72E+05	1.21E+06	6.92E+05	7.07E+05	2.18E+06	2.31E+06	2.08E+06
2.18E+05	1.83E+05	1.82E+05	2.13E+05	1.27E+05	1.59E+05	9.32E+04	1.30E+05	1.11E+05
2.17E+05	1.72E+05	1.61E+05	2.60E+05	1.63E+05	1.54E+05	9.99E+04	9.02E+04	1.10E+05

2.33E+06	2.15E+06	1.50E+06	2.28E+06	1.44E+06	1.26E+06	4.17E+06	4.08E+06	4.28E+06
3.38E+06	2.55E+06	1.56E+06	3.49E+06	1.16E+06	9.89E+05	2.22E+06	1.97E+06	2.04E+06
6.81E+05	5.75E+05	3.39E+05	5.80E+05	4.88E+05	3.22E+05	5.91E+05	6.19E+05	5.63E+05
1.21E+07	1.05E+07	6.82E+06	1.18E+07	5.64E+06	5.10E+06	5.42E+06	5.20E+06	5.42E+06
1.00E+07	9.03E+06	7.58E+06	1.00E+07	5.83E+06	6.74E+06	4.60E+06	4.58E+06	4.56E+06
1.39E+06	1.33E+06	1.24E+06	1.84E+06	1.00E+06	8.45E+05	4.28E+05	4.27E+05	4.05E+05
1.74E+06	1.59E+06	9.66E+05	2.10E+06	1.36E+06	1.11E+06	4.92E+05	5.50E+05	4.72E+05
1.84E+05	1.33E+05	1.46E+05	1.28E+05	1.01E+05	6.20E+04	9.23E+04	9.62E+04	5.73E+04
9.88E+06	7.69E+06	5.49E+06	9.93E+06	3.60E+06	3.72E+06	3.23E+06	3.34E+06	3.38E+06
5.23E+06	4.37E+06	3.30E+06	5.89E+06	2.42E+06	2.40E+06	1.66E+06	1.49E+06	1.56E+06
7.01E+05	4.98E+05	3.33E+05	1.02E+06	3.30E+05	3.99E+05	2.07E+05	2.01E+05	1.62E+05
7.98E+05	5.55E+05	6.19E+05	1.00E+06	6.07E+05	6.41E+05	2.15E+05	2.24E+05	2.16E+05
1.85E+05	1.48E+05	8.87E+04	2.26E+05	9.54E+04	9.29E+04	6.11E+04	4.28E+04	3.73E+04
2.35E+05	2.37E+05	1.82E+05	2.51E+05	1.14E+05	1.26E+05	8.46E+04	9.63E+04	6.78E+04
1.41E+05	1.56E+05	1.01E+05	2.34E+05	1.54E+05	1.76E+05	5.90E+04	6.86E+04	5.29E+04
1.55E+06	1.32E+06	1.00E+06	1.49E+06	9.55E+05	7.91E+05	8.42E+05	7.43E+05	8.95E+05
5.50E+06	5.04E+06	3.92E+06	5.74E+06	2.56E+06	2.67E+06	1.89E+06	2.07E+06	1.77E+06
1.69E+05	1.78E+05	1.35E+05	2.07E+05	1.54E+05	1.40E+05	9.69E+04	1.05E+05	8.88E+04
6.02E+05	4.37E+05	4.12E+05	4.38E+05	2.23E+05	3.56E+05	2.35E+05	2.00E+05	1.89E+05
8.37E+05	7.15E+05	6.09E+05	8.63E+05	5.11E+05	5.31E+05	3.16E+05	3.24E+05	3.48E+05
1.03E+07	8.77E+06	6.77E+06	1.22E+07	7.68E+06	6.62E+06	3.56E+06	3.37E+06	3.31E+06
1.82E+06	1.82E+06	9.65E+05	2.26E+06	1.42E+06	1.35E+06	5.02E+05	5.44E+05	5.39E+05
2.35E+05	2.68E+05	9.78E+04	3.37E+05	1.73E+05	9.11E+04	6.47E+04	5.99E+04	8.66E+04
5.74E+05	5.10E+05	2.70E+05	7.42E+05	4.77E+05	2.78E+05	1.65E+05	1.81E+05	1.05E+05
1.38E+08	1.47E+08	1.13E+08	1.76E+08	1.82E+08	1.74E+08	7.56E+07	6.75E+07	6.75E+07
3.46E+05	3.71E+05	2.76E+05	4.88E+05	6.18E+05	3.69E+05	1.29E+05	8.07E+04	9.42E+04
1.37E+05	1.01E+05	7.41E+04	1.64E+05	2.08E+05	1.05E+05	2.14E+04	4.46E+04	2.93E+04
3.14E+05	3.06E+05	1.52E+05	4.14E+05	4.01E+05	2.96E+05	7.98E+04	1.42E+05	1.00E+05
1.83E+06	1.50E+06	1.24E+06	2.91E+06	1.09E+06	1.28E+06	8.09E+05	7.84E+05	7.61E+05
2.36E+05	1.24E+05	1.40E+05	2.59E+05	1.28E+05	9.78E+04	8.18E+04	6.14E+04	8.53E+04
9.13E+06	7.27E+06	4.73E+06	1.04E+07	3.50E+06	3.55E+06	2.62E+06	2.63E+06	2.53E+06
5.19E+05	3.83E+05	2.89E+05	6.97E+05	3.20E+05	2.95E+05	1.70E+05	1.13E+05	1.24E+05
2.78E+05	2.54E+05	1.91E+05	3.67E+05	4.11E+05	2.85E+05	1.26E+05	7.53E+04	8.42E+04
5.11E+05	4.21E+05	2.61E+05	7.08E+05	3.51E+05	5.25E+05	1.87E+05	1.57E+05	1.50E+05
7.30E+04	1.69E+05	7.59E+04	2.62E+05	1.72E+05	9.35E+04	6.02E+04	2.01E+04	4.79E+04
2.36E+05	2.09E+05	1.89E+05	3.43E+05	2.29E+05	2.32E+05	7.94E+04	7.82E+04	9.93E+04
1.06E+06	9.83E+05	7.26E+05	9.26E+05	7.54E+05	6.91E+05	7.52E+05	7.64E+05	6.24E+05
7.59E+05	5.73E+05	4.69E+05	8.18E+05	2.96E+05	3.37E+05	3.53E+05	3.58E+05	3.84E+05
1.45E+05	8.43E+04	6.82E+04	9.68E+04	8.50E+04	3.69E+04	2.74E+04	4.98E+04	4.43E+04
2.95E+06	2.85E+06	1.94E+06	2.81E+06	1.49E+06	1.52E+06	7.95E+05	7.74E+05	8.54E+05
1.54E+06	1.67E+06	1.27E+06	1.44E+06	1.23E+06	1.17E+06	5.34E+05	7.17E+05	6.42E+05
1.60E+04	1.56E+04	1.73E+04	1.89E+04	1.66E+04	1.77E+04	7.07E+03	5.78E+03	4.43E+03
2.15E+05	2.06E+05	1.31E+05	2.08E+05	8.60E+04	1.35E+05	1.28E+05	1.24E+05	1.17E+05
2.74E+06	2.68E+06	1.80E+06	2.83E+06	1.52E+06	1.65E+06	1.12E+06	9.84E+05	9.80E+05
1.00E+06	9.39E+05	6.71E+05	1.04E+06	5.36E+05	5.69E+05	2.92E+05	3.53E+05	3.77E+05
2.36E+05	1.38E+05	1.61E+05	2.21E+05	9.25E+04	7.39E+04	6.00E+04	5.23E+04	5.71E+04
4.68E+05	3.79E+05	2.38E+05	5.65E+05	3.56E+05	3.60E+05	1.27E+05	1.00E+05	1.23E+05
7.08E+06	6.27E+06	5.12E+06	6.94E+06	3.52E+06	4.06E+06	1.82E+06	1.51E+06	1.59E+06
6.66E+05	5.62E+05	3.86E+05	6.49E+05	3.13E+05	3.35E+05	1.68E+05	1.41E+05	1.65E+05
6.80E+06	6.86E+06	4.88E+06	7.81E+06	4.21E+06	5.12E+06	2.35E+06	2.12E+06	2.33E+06
1.26E+06	8.87E+05	9.68E+05	9.59E+05	5.65E+05	6.40E+05	4.57E+05	3.88E+05	4.15E+05
6.62E+04	8.31E+04	4.97E+04	7.71E+04	6.47E+04	5.66E+04	2.12E+04	3.19E+04	2.67E+04
1.27E+06	1.15E+06	1.26E+06	1.71E+06	7.82E+05	1.27E+06	3.35E+05	2.99E+05	3.04E+05
4.10E+06	3.82E+06	2.05E+06	3.96E+06	3.22E+06	3.32E+06	1.24E+06	1.31E+06	1.10E+06

4.24E+06	4.39E+06	2.96E+06	4.83E+06	3.07E+06	3.80E+06	1.27E+06	1.54E+06	1.59E+06
4.01E+05	4.02E+05	2.39E+05	5.50E+05	2.71E+05	3.00E+05	1.57E+05	1.08E+05	1.41E+05
2.55E+05	2.92E+05	1.66E+05	4.08E+05	3.13E+05	3.31E+05	1.04E+05	1.05E+05	1.26E+05
1.01E+06	1.02E+06	5.64E+05	1.05E+06	4.92E+05	6.06E+05	2.54E+05	2.98E+05	2.72E+05
2.99E+05	2.87E+05	1.84E+05	2.09E+05	1.38E+05	1.18E+05	1.18E+05	9.49E+04	1.20E+05
4.63E+05	3.96E+05	2.81E+05	4.37E+05	2.48E+05	2.81E+05	1.39E+05	1.50E+05	1.71E+05
9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.18E+05	1.22E+05	1.09E+05
1.77E+05	1.64E+05	1.14E+05	2.79E+05	3.07E+05	2.06E+05	9.17E+04	9.30E+04	1.10E+05
3.44E+06	2.56E+06	2.11E+06	3.94E+06	2.20E+06	2.44E+06	1.15E+06	1.08E+06	8.74E+05
4.42E+05	4.09E+05	2.29E+05	4.88E+05	1.68E+05	2.66E+05	1.55E+05	1.26E+05	1.37E+05
2.42E+07	2.17E+07	1.87E+07	2.44E+07	1.75E+07	1.49E+07	2.89E+07	2.93E+07	2.91E+07
4.38E+07	3.06E+07	2.39E+07	3.83E+07	1.75E+07	1.47E+07	2.03E+07	1.98E+07	2.00E+07
8.59E+05	8.69E+05	8.36E+05	9.55E+05	6.24E+05	4.48E+05	2.66E+05	3.55E+05	2.79E+05
1.78E+07	1.68E+07	1.13E+07	1.54E+07	1.40E+07	1.04E+07	1.03E+07	1.08E+07	1.07E+07
3.26E+07	2.83E+07	1.86E+07	2.93E+07	1.71E+07	1.91E+07	1.19E+07	1.23E+07	1.26E+07
1.45E+06	1.53E+06	1.31E+06	1.86E+06	1.08E+06	1.07E+06	5.39E+05	6.08E+05	6.14E+05
1.19E+07	9.86E+06	8.78E+06	1.17E+07	1.06E+07	7.50E+06	4.05E+06	4.35E+06	4.14E+06
2.04E+07	2.13E+07	1.82E+07	2.81E+07	2.51E+07	1.90E+07	1.02E+07	9.18E+06	8.31E+06
7.34E+03	5.80E+03	3.87E+03	6.50E+03	8.45E+03	5.86E+03	4.70E+03	2.85E+03	3.78E+03
3.02E+07	2.12E+07	1.82E+07	2.86E+07	1.11E+07	1.11E+07	1.01E+07	1.05E+07	1.07E+07
2.14E+06	1.70E+06	1.14E+06	1.81E+06	6.07E+05	6.48E+05	5.64E+05	6.07E+05	6.33E+05
4.06E+07	3.60E+07	2.80E+07	4.22E+07	1.81E+07	1.84E+07	1.25E+07	1.27E+07	1.26E+07
1.01E+08	8.26E+07	6.64E+07	1.08E+08	5.42E+07	5.00E+07	3.64E+07	3.58E+07	3.70E+07
1.40E+07	1.00E+07	6.30E+06	1.30E+07	5.42E+06	5.59E+06	3.38E+06	2.87E+06	3.16E+06
1.05E+06	8.25E+05	4.02E+05	1.36E+06	5.01E+05	3.79E+05	2.15E+05	2.51E+05	2.48E+05
2.44E+05	2.16E+05	1.30E+05	2.21E+05	1.09E+05	8.95E+04	6.88E+04	5.61E+04	6.44E+04
1.44E+08	1.34E+08	1.01E+08	1.41E+08	7.82E+07	8.51E+07	5.39E+07	4.88E+07	4.98E+07
1.43E+07	1.17E+07	1.06E+07	1.65E+07	8.64E+06	7.61E+06	3.72E+06	3.94E+06	3.45E+06
5.58E+06	4.80E+06	2.74E+06	6.04E+06	2.92E+06	1.92E+06	1.37E+06	1.24E+06	1.24E+06
1.09E+05	8.30E+04	6.43E+04	1.27E+05	6.26E+04	5.09E+04	2.55E+04	3.20E+04	3.55E+04
7.40E+06	6.37E+06	5.92E+06	8.92E+06	5.63E+06	2.47E+06	2.36E+06	9.94E+05	2.28E+06
3.73E+07	2.89E+07	2.08E+07	4.15E+07	3.45E+07	2.27E+07	1.11E+07	1.04E+07	1.14E+07
2.61E+06	2.18E+06	1.29E+06	3.97E+06	1.90E+06	1.46E+06	6.83E+05	8.27E+05	5.99E+05
2.15E+05	2.21E+05	1.07E+05	1.58E+05	1.61E+05	1.31E+05	9.72E+04	7.30E+04	9.70E+04
7.19E+06	7.56E+06	4.33E+06	6.49E+06	3.90E+06	3.17E+06	1.12E+06	1.21E+06	1.14E+06
4.13E+05	2.51E+05	3.15E+05	2.60E+05	1.95E+05	2.73E+05	1.33E+05	1.27E+05	9.14E+04
2.23E+06	1.77E+06	1.25E+06	2.03E+06	1.44E+06	1.34E+06	6.78E+05	7.11E+05	6.11E+05
2.73E+07	2.48E+07	1.54E+07	2.35E+07	1.13E+07	1.31E+07	6.53E+06	5.81E+06	5.60E+06
9.95E+06	1.05E+07	7.02E+06	1.10E+07	5.05E+06	6.01E+06	2.92E+06	3.25E+06	3.15E+06
6.24E+05	5.49E+05	3.80E+05	5.73E+05	3.50E+05	9.02E+04	1.41E+05	1.48E+05	1.69E+05
3.68E+06	3.38E+06	2.30E+06	3.99E+06	2.90E+06	3.05E+06	1.10E+06	9.80E+05	1.05E+06
7.66E+05	6.24E+05	7.18E+05	6.95E+05	3.35E+05	5.05E+05	2.83E+05	2.54E+05	3.11E+05
3.07E+06	3.38E+06	2.67E+06	3.10E+06	3.49E+06	2.87E+06	2.17E+06	2.30E+06	2.30E+06
7.18E+07	6.32E+07	4.49E+07	6.15E+07	4.81E+07	3.57E+07	1.86E+07	1.98E+07	1.74E+07
5.00E+07	4.64E+07	3.68E+07	5.08E+07	4.31E+07	3.32E+07	1.81E+07	1.84E+07	1.80E+07
2.29E+04	2.37E+04	2.61E+04	2.92E+04	2.66E+04	2.77E+04	2.25E+04	2.09E+04	2.12E+04
5.13E+05	5.39E+05	4.71E+05	6.36E+05	4.55E+05	3.36E+05	1.88E+05	2.52E+05	1.82E+05
3.28E+06	3.21E+06	3.14E+06	3.67E+06	3.69E+06	3.06E+06	1.44E+06	1.29E+06	1.39E+06
9.55E+03	1.21E+04	9.77E+03	1.36E+04	9.87E+03	1.23E+04	1.10E+04	1.31E+04	1.24E+04
2.08E+07	1.99E+07	1.12E+07	1.96E+07	2.22E+07	1.74E+07	7.60E+06	8.02E+06	7.35E+06
2.10E+08	1.87E+08	1.52E+08	2.10E+08	1.21E+08	1.36E+08	8.19E+07	8.09E+07	8.28E+07
2.69E+08	2.68E+08	1.98E+08	2.94E+08	2.16E+08	2.18E+08	1.37E+08	1.36E+08	1.32E+08
9.68E+06	8.12E+06	5.80E+06	9.27E+06	4.19E+06	5.27E+06	1.77E+06	1.54E+06	1.37E+06
3.14E+07	2.88E+07	1.84E+07	3.38E+07	1.68E+07	1.83E+07	7.84E+06	8.03E+06	7.34E+06

1.75E+07	1.61E+07	1.22E+07	1.79E+07	1.03E+07	1.04E+07	6.00E+06	5.72E+06	5.94E+06
9.64E+07	9.73E+07	7.71E+07	9.72E+07	7.03E+07	6.40E+07	3.04E+07	3.05E+07	2.99E+07
6.56E+04	7.71E+04	7.63E+04	9.96E+04	7.08E+04	6.25E+04	3.66E+04	3.34E+04	3.54E+04
4.74E+05	4.54E+05	3.67E+05	5.93E+05	3.24E+05	3.34E+05	1.10E+05	1.24E+05	1.25E+05
2.32E+06	2.53E+06	1.46E+06	2.41E+06	1.44E+06	1.50E+06	5.36E+05	5.35E+05	4.98E+05
1.43E+07	1.48E+07	9.28E+06	1.49E+07	1.14E+07	9.67E+06	3.51E+06	3.39E+06	3.75E+06
2.77E+07	2.89E+07	1.45E+07	3.35E+07	2.66E+07	2.07E+07	8.43E+06	7.80E+06	8.49E+06
1.68E+08	1.63E+08	1.12E+08	1.70E+08	1.94E+08	1.45E+08	6.86E+07	6.74E+07	6.02E+07
6.49E+04	7.39E+04	6.35E+04	1.04E+05	7.59E+04	6.32E+04	2.90E+04	3.23E+04	2.52E+04
1.79E+05	1.89E+05	1.98E+05	2.63E+05	1.89E+05	2.01E+05	5.52E+04	4.12E+04	2.18E+04
2.23E+05	2.05E+05	1.69E+05	3.71E+05	2.93E+05	2.02E+05	7.61E+04	8.85E+04	6.72E+04
1.01E+08	1.23E+08	8.76E+07	1.47E+08	9.25E+07	1.01E+08	5.36E+07	4.89E+07	5.04E+07
4.07E+07	3.97E+07	2.23E+07	4.22E+07	3.02E+07	2.54E+07	1.44E+07	1.20E+07	1.30E+07
5.45E+06	6.75E+06	2.80E+06	7.91E+06	4.61E+06	4.12E+06	1.40E+06	1.45E+06	1.42E+06
7.51E+07	7.14E+07	7.11E+07	8.63E+07	7.41E+07	7.01E+07	3.08E+07	3.33E+07	3.07E+07
3.21E+07	3.11E+07	1.71E+07	3.84E+07	2.70E+07	2.12E+07	9.12E+06	1.06E+07	9.57E+06
1.57E+08	1.61E+08	9.50E+07	1.78E+08	2.13E+08	1.62E+08	7.76E+07	7.43E+07	7.22E+07
1.77E+05	1.95E+05	6.99E+04	2.57E+05	7.31E+04	5.76E+04	4.76E+04	3.47E+04	3.16E+04
2.52E+05	2.14E+05	1.80E+05	2.56E+05	1.06E+05	1.52E+05	5.52E+04	3.35E+04	5.41E+04
1.23E+06	1.04E+06	1.25E+06	1.24E+06	1.09E+06	1.19E+06	6.46E+05	6.18E+05	5.91E+05
1.90E+06	1.95E+06	1.20E+06	1.96E+06	1.10E+06	1.12E+06	4.56E+05	4.83E+05	4.98E+05
1.62E+06	1.48E+06	1.30E+06	2.62E+06	1.56E+06	1.17E+06	4.88E+05	3.46E+05	4.72E+05
6.95E+07	6.34E+07	6.41E+07	7.26E+07	6.80E+07	7.02E+07	2.84E+07	2.73E+07	2.51E+07
2.89E+06	2.89E+06	2.22E+06	4.05E+06	3.27E+06	2.59E+06	1.40E+06	1.02E+06	1.07E+06
5.81E+07	5.13E+07	4.83E+07	7.09E+07	8.32E+07	7.85E+07	2.45E+07	2.53E+07	2.40E+07
6.42E+05	7.12E+05	6.17E+05	9.33E+05	9.55E+05	9.86E+05	2.73E+05	2.39E+05	2.69E+05
2.05E+06	4.12E+06	3.48E+06	2.42E+06	2.79E+06	5.18E+06	1.78E+06	1.67E+06	6.23E+05
2.31E+06	1.99E+06	2.78E+06	2.88E+06	2.76E+06	1.59E+06	9.37E+05	1.00E+06	9.57E+05
2.98E+05	3.62E+05	2.62E+05	5.34E+05	4.96E+05	3.23E+05	1.14E+05	5.85E+04	9.07E+04
2.30E+06	2.21E+06	2.22E+06	3.25E+06	2.07E+06	2.40E+06	6.44E+05	5.28E+05	6.73E+05
1.29E+06	1.27E+06	9.18E+05	1.73E+06	1.82E+06	1.18E+06	5.24E+05	5.15E+05	5.21E+05
1.07E+07	1.17E+07	8.58E+06	1.69E+07	2.19E+07	1.29E+07	4.66E+06	5.11E+06	4.66E+06
3.44E+04	3.08E+04	2.63E+04	4.07E+04	2.59E+04	2.36E+04	1.60E+04	1.43E+04	1.44E+04
1.96E+05	1.28E+05	8.15E+04	2.18E+05	1.24E+05	8.03E+04	5.46E+04	4.04E+04	3.52E+04
1.26E+06	9.47E+05	6.26E+05	1.13E+06	5.05E+05	5.15E+05	3.82E+05	4.46E+05	4.38E+05
3.75E+07	3.30E+07	2.66E+07	4.12E+07	1.87E+07	2.30E+07	1.37E+07	1.51E+07	1.36E+07
3.31E+07	2.40E+07	1.60E+07	3.17E+07	1.43E+07	1.27E+07	8.24E+06	7.98E+06	7.41E+06
2.09E+06	1.75E+06	1.06E+06	2.69E+06	1.15E+06	1.06E+06	4.46E+05	5.66E+05	4.94E+05
1.32E+06	1.12E+06	5.97E+05	1.61E+06	1.15E+06	7.00E+05	3.00E+05	3.52E+05	3.13E+05
8.89E+06	7.83E+06	4.24E+06	1.03E+07	1.10E+07	7.56E+06	2.62E+06	2.62E+06	2.42E+06
2.55E+06	2.02E+06	1.51E+06	2.59E+06	1.97E+06	1.91E+06	6.61E+05	7.63E+05	7.03E+05
3.02E+07	3.08E+07	2.04E+07	3.80E+07	4.51E+07	2.82E+07	1.37E+07	1.46E+07	1.22E+07
6.07E+05	4.66E+05	2.93E+05	7.22E+05	3.10E+05	4.11E+05	1.58E+05	1.43E+05	1.25E+05
4.51E+05	4.05E+05	2.65E+05	6.81E+05	7.33E+05	4.30E+05	1.55E+05	1.36E+05	1.73E+05
3.63E+06	3.05E+06	2.31E+06	3.26E+06	1.28E+06	1.65E+06	1.10E+06	1.01E+06	9.26E+05
1.36E+06	1.15E+06	9.17E+05	1.27E+06	5.14E+05	7.44E+05	3.38E+05	4.31E+05	4.00E+05
4.90E+05	4.62E+05	2.45E+05	6.68E+05	3.71E+05	3.17E+05	1.16E+05	1.73E+05	1.35E+05
1.39E+06	1.68E+06	8.95E+05	2.14E+06	2.06E+06	1.87E+06	5.41E+05	5.65E+05	5.55E+05
3.25E+07	3.08E+07	2.14E+07	3.31E+07	1.79E+07	1.84E+07	8.23E+06	8.76E+06	7.50E+06
1.39E+06	1.24E+06	7.67E+05	1.59E+06	8.77E+05	8.49E+05	3.96E+05	3.52E+05	3.53E+05
3.20E+05	3.75E+05	1.34E+05	4.62E+05	2.99E+05	2.61E+05	1.00E+05	9.91E+04	8.82E+04
9.28E+07	8.73E+07	6.64E+07	9.81E+07	4.04E+07	5.82E+07	3.44E+07	3.25E+07	3.38E+07
5.09E+07	6.50E+07	4.33E+07	7.38E+07	5.09E+07	5.46E+07	2.69E+07	2.74E+07	2.54E+07
5.38E+07	5.24E+07	3.14E+07	5.93E+07	4.20E+07	3.68E+07	2.00E+07	1.85E+07	1.66E+07

4.54E+06	4.23E+06	3.52E+06	4.50E+06	2.86E+06	3.20E+06	1.48E+06	1.53E+06	1.50E+06
3.55E+06	3.96E+06	2.62E+06	4.71E+06	4.18E+06	3.07E+06	1.73E+06	1.31E+06	1.37E+06
4.98E+05	5.44E+05	4.00E+05	5.21E+05	4.24E+05	4.35E+05	1.52E+05	1.61E+05	1.42E+05
9.19E+04	1.27E+05	1.03E+05	1.47E+05	1.18E+05	1.34E+05	5.20E+04	6.09E+04	5.19E+04
4.09E+06	4.54E+06	3.67E+06	4.98E+06	4.81E+06	4.69E+06	1.69E+06	1.64E+06	1.63E+06
7.44E+07	6.68E+07	4.50E+07	8.13E+07	5.31E+07	5.59E+07	2.73E+07	1.38E+07	2.44E+07
2.19E+06	2.22E+06	1.08E+06	2.23E+06	1.30E+06	1.35E+06	4.94E+05	4.83E+05	5.85E+05
2.41E+07	2.29E+07	1.13E+07	3.25E+07	3.53E+07	2.68E+07	7.88E+06	8.73E+06	7.93E+06
5.58E+05	5.69E+05	6.20E+05	9.39E+05	4.60E+05	6.55E+05	2.74E+05	2.42E+05	1.58E+05
6.59E+05	7.68E+05	4.18E+05	1.05E+06	1.03E+06	7.06E+05	3.41E+05	3.55E+05	2.54E+05
1.21E+05	1.01E+05	4.92E+04	1.53E+05	8.51E+04	9.85E+04	4.49E+04	6.32E+04	4.06E+04
1.54E+05	1.31E+05	9.50E+04	1.44E+05	8.65E+04	8.38E+04	3.60E+04	4.05E+04	3.27E+04
1.43E+05	1.39E+05	1.40E+05	1.58E+05	1.28E+05	1.31E+05	1.18E+05	1.00E+05	9.76E+04
6.22E+05	6.07E+05	4.28E+05	6.51E+05	4.67E+05	3.59E+05	1.65E+05	1.91E+05	1.68E+05
1.09E+07	9.28E+06	7.59E+06	1.06E+07	5.58E+06	5.88E+06	2.10E+06	1.81E+06	1.79E+06
1.29E+07	1.22E+07	9.34E+06	1.40E+07	8.41E+06	1.08E+07	3.45E+06	2.93E+06	3.69E+06
2.03E+05	1.66E+05	1.32E+05	2.19E+05	1.01E+05	1.36E+05	4.26E+04	2.98E+04	3.89E+04
1.15E+05	8.75E+04	9.32E+04	8.92E+04	4.77E+04	9.00E+00	3.46E+04	3.56E+04	2.26E+04
9.37E+05	8.06E+05	8.16E+05	1.03E+06	4.82E+05	8.35E+05	3.16E+05	2.97E+05	2.93E+05
2.24E+06	2.29E+06	1.67E+06	2.71E+06	2.92E+06	2.61E+06	9.61E+05	1.03E+06	8.32E+05
1.02E+06	1.13E+06	7.02E+05	1.20E+06	6.57E+05	9.22E+05	3.90E+05	3.09E+05	4.00E+05
3.29E+06	3.68E+06	2.39E+06	3.78E+06	4.64E+06	4.41E+06	1.29E+06	1.41E+06	1.29E+06
4.54E+05	4.02E+05	2.04E+05	5.17E+05	2.80E+05	2.84E+05	1.19E+05	1.20E+05	1.15E+05
6.36E+05	4.68E+05	4.84E+05	7.29E+05	3.65E+05	5.29E+05	1.20E+05	9.79E+04	1.40E+05
1.86E+06	1.55E+06	1.49E+06	2.37E+06	2.47E+06	1.72E+06	8.93E+05	9.16E+05	7.71E+05
2.66E+07	2.45E+07	1.95E+07	2.45E+07	1.46E+07	1.77E+07	6.51E+06	6.58E+06	6.53E+06
8.89E+06	8.35E+06	7.07E+06	8.53E+06	5.37E+06	7.56E+06	2.79E+06	2.81E+06	2.72E+06
8.27E+04	3.84E+05	2.99E+05	4.31E+05	2.29E+05	2.77E+05	6.31E+04	7.15E+04	6.54E+04
4.16E+06	3.79E+06	4.20E+06	4.72E+06	2.88E+06	3.99E+06	1.09E+06	1.20E+06	1.09E+06
1.58E+06	1.48E+06	1.03E+06	1.62E+06	9.50E+05	9.81E+05	4.87E+05	4.76E+05	4.79E+05
3.89E+06	4.03E+06	2.74E+06	4.52E+06	2.75E+06	3.19E+06	1.54E+06	1.50E+06	1.14E+06
5.94E+05	6.08E+05	4.12E+05	7.66E+05	5.21E+05	5.24E+05	2.30E+05	1.86E+05	1.89E+05
1.32E+06	1.28E+06	7.20E+05	1.52E+06	1.73E+06	1.55E+06	4.14E+05	3.97E+05	3.81E+05
2.79E+05	2.71E+05	3.48E+05	3.65E+05	1.79E+05	3.47E+05	1.23E+05	1.16E+05	9.53E+04
6.17E+04	6.87E+04	3.50E+04	6.94E+04	1.08E+05	1.24E+05	4.15E+04	2.77E+04	4.30E+04
7.20E+07	6.40E+07	4.27E+07	7.09E+07	5.63E+07	5.21E+07	2.06E+07	2.11E+07	1.90E+07
2.12E+06	2.26E+06	1.92E+06	2.64E+06	3.48E+06	2.25E+06	8.63E+05	8.17E+05	8.11E+05
9.95E+06	1.07E+07	8.66E+06	1.64E+07	8.79E+06	9.75E+06	4.74E+06	4.47E+06	4.06E+06
2.84E+07	2.35E+07	1.53E+07	2.36E+07	1.09E+07	1.26E+07	4.41E+06	4.20E+06	4.15E+06
6.06E+05	7.33E+05	7.04E+05	7.05E+05	6.58E+05	7.64E+05	6.30E+05	6.31E+05	6.13E+05
8.20E+06	6.85E+06	7.64E+06	8.41E+06	7.57E+06	4.88E+06	2.72E+06	2.75E+06	2.72E+06
1.55E+06	1.15E+06	1.29E+06	1.79E+06	2.13E+06	1.68E+06	4.40E+05	4.24E+05	4.07E+05
5.01E+07	4.64E+07	4.74E+07	5.34E+07	4.21E+07	3.84E+07	1.52E+07	1.57E+07	1.39E+07
6.75E+07	5.85E+07	6.59E+07	7.32E+07	6.49E+07	6.28E+07	2.61E+07	2.45E+07	2.69E+07
3.00E+05	2.51E+05	2.68E+05	4.05E+05	1.76E+05	2.45E+05	7.63E+04	7.41E+04	7.68E+04
5.41E+04	5.29E+04	5.31E+04	6.87E+04	5.69E+04	5.40E+04	2.94E+04	2.28E+04	2.29E+04
1.60E+06	1.08E+06	1.37E+06	1.82E+06	1.31E+06	1.08E+06	3.71E+05	3.75E+05	3.94E+05
4.25E+06	4.15E+06	4.38E+06	5.09E+06	3.91E+06	3.75E+06	9.39E+05	8.84E+05	9.75E+05
1.63E+07	1.57E+07	1.30E+07	1.86E+07	1.63E+07	1.78E+07	6.71E+06	6.17E+06	5.56E+06
6.09E+05	6.21E+05	5.06E+05	8.40E+05	6.39E+05	6.14E+05	1.36E+05	1.26E+05	1.20E+05
1.43E+06	1.35E+06	1.28E+06	1.80E+06	2.10E+06	1.55E+06	4.53E+05	4.93E+05	4.09E+05
1.39E+07	1.16E+07	1.07E+07	1.49E+07	1.87E+07	1.46E+07	4.47E+06	4.85E+06	4.24E+06
9.76E+05	8.09E+05	8.19E+05	1.43E+06	8.09E+05	8.92E+05	2.28E+05	2.50E+05	2.26E+05
6.03E+06	6.23E+06	6.52E+06	7.87E+06	5.11E+06	6.33E+06	2.66E+06	2.45E+06	2.68E+06

3.03E+07	3.20E+07	3.10E+07	3.97E+07	3.18E+07	3.12E+07	1.52E+07	1.47E+07	1.28E+07
1.15E+05	9.74E+04	1.04E+05	1.68E+05	1.41E+05	6.98E+04	3.32E+04	2.63E+04	3.68E+04
5.33E+07	5.22E+07	4.66E+07	6.32E+07	8.48E+07	6.87E+07	2.47E+07	2.60E+07	2.47E+07
5.53E+06	5.64E+06	6.94E+06	8.15E+06	4.65E+06	7.88E+06	3.09E+06	2.65E+06	2.60E+06
1.65E+03	1.59E+03	1.69E+03	9.00E+00	1.84E+03	1.45E+03	8.89E+02	1.30E+03	7.75E+02
5.42E+03	6.40E+03	6.27E+03	7.96E+03	8.50E+03	4.73E+03	3.77E+03	3.05E+03	3.42E+03
4.83E+06	4.59E+06	3.59E+06	4.81E+06	5.33E+06	4.29E+06	1.80E+06	1.63E+06	1.44E+06
1.28E+05	2.80E+05	9.35E+04	3.96E+05	2.11E+05	1.49E+05	3.90E+04	4.13E+04	3.87E+04
2.71E+05	2.40E+05	2.05E+05	3.41E+05	4.26E+05	2.82E+05	1.05E+05	7.09E+04	9.82E+04
2.28E+06	2.84E+06	2.69E+06	3.57E+06	4.90E+06	4.63E+06	1.18E+06	8.41E+05	1.04E+06
3.24E+04	3.55E+04	3.70E+04	4.91E+04	3.27E+04	3.90E+04	1.81E+04	1.30E+04	1.34E+04
4.17E+06	3.61E+06	2.16E+06	5.38E+06	4.07E+06	2.87E+06	1.04E+06	1.21E+06	1.13E+06
1.07E+06	9.98E+05	7.08E+05	1.27E+06	6.02E+05	7.38E+05	3.26E+05	3.01E+05	2.91E+05
2.81E+07	2.06E+07	1.65E+07	3.45E+07	1.59E+07	1.59E+07	6.79E+06	9.07E+06	1.36E+07
7.67E+07	6.52E+07	6.81E+07	7.38E+07	5.18E+07	6.09E+07	2.71E+07	2.45E+07	2.39E+07
5.34E+07	5.48E+07	4.77E+07	6.72E+07	4.12E+07	5.23E+07	2.32E+07	2.27E+07	1.99E+07
6.83E+06	5.15E+06	5.27E+06	7.57E+06	3.06E+06	5.30E+06	1.22E+06	1.30E+06	1.34E+06
1.33E+07	1.12E+07	1.31E+07	1.62E+07	8.58E+06	1.20E+07	3.59E+06	3.21E+06	3.59E+06
2.89E+04	2.85E+04	2.34E+04	3.70E+04	5.76E+04	3.59E+04	2.47E+04	1.46E+04	1.27E+04
8.73E+05	8.05E+05	8.36E+05	1.23E+06	7.22E+05	1.10E+06	3.19E+05	3.16E+05	2.91E+05
3.34E+06	3.21E+06	3.26E+06	3.98E+06	3.16E+06	3.63E+06	9.44E+05	8.45E+05	7.88E+05
1.11E+07	1.17E+07	1.08E+07	1.38E+07	1.72E+07	1.61E+07	5.55E+06	6.12E+06	5.97E+06
1.39E+05	1.89E+05	2.16E+05	2.39E+05	1.46E+05	2.05E+05	5.27E+04	5.13E+04	4.53E+04
1.94E+07	1.87E+07	2.10E+07	2.74E+07	1.96E+07	2.34E+07	9.87E+06	9.56E+06	9.25E+06
2.54E+07	2.21E+07	1.92E+07	2.89E+07	1.79E+07	1.94E+07	9.32E+06	9.84E+06	8.76E+06
3.07E+06	3.61E+06	1.76E+06	4.43E+06	2.62E+06	2.56E+06	9.40E+05	8.87E+05	1.06E+06
3.54E+05	4.04E+05	3.20E+05	4.53E+05	2.81E+05	4.78E+05	1.64E+05	1.21E+05	1.60E+05
2.68E+06	2.43E+06	2.58E+06	3.52E+06	2.50E+06	2.56E+06	7.31E+05	8.37E+05	8.19E+05
8.91E+06	8.66E+06	9.03E+06	1.18E+07	7.83E+06	1.15E+07	4.04E+06	3.87E+06	3.90E+06
9.47E+06	9.66E+06	1.11E+07	1.34E+07	9.18E+06	1.22E+07	4.17E+06	4.49E+06	4.12E+06
3.02E+07	2.84E+07	2.97E+07	3.69E+07	3.04E+07	3.75E+07	1.15E+07	1.40E+07	1.26E+07
1.88E+05	2.60E+05	1.89E+05	3.02E+05	7.34E+04	2.49E+05	9.84E+04	9.65E+04	8.98E+04
9.75E+04	1.18E+05	1.42E+05	2.17E+05	1.16E+05	1.33E+05	5.56E+04	6.18E+04	3.63E+04
4.59E+06	4.59E+06	4.36E+06	6.30E+06	4.80E+06	5.36E+06	1.33E+06	1.11E+06	1.11E+06
2.09E+06	2.37E+06	2.88E+06	3.19E+06	2.70E+06	3.38E+06	1.10E+06	9.35E+05	9.09E+05
6.16E+06	6.41E+06	7.14E+06	7.22E+06	7.93E+06	7.81E+06	2.92E+06	3.62E+06	2.00E+06
5.36E+07	5.34E+07	4.48E+07	7.14E+07	8.55E+07	8.52E+07	2.83E+07	2.96E+07	2.65E+07
5.64E+04	7.02E+04	7.14E+04	8.59E+04	1.03E+05	7.11E+04	2.55E+04	2.99E+04	1.68E+04
4.56E+06	4.14E+06	2.13E+06	5.93E+06	5.54E+06	4.24E+06	1.67E+06	1.39E+06	1.76E+06
2.11E+05	1.74E+05	1.77E+05	2.42E+05	2.15E+05	2.31E+05	8.53E+04	5.68E+04	6.09E+04
2.43E+05	2.14E+05	1.98E+05	3.72E+05	1.79E+05	2.99E+05	1.05E+05	1.01E+05	8.36E+04
3.89E+05	4.14E+05	3.80E+05	5.68E+05	6.20E+05	8.90E+05	2.07E+05	2.12E+05	2.40E+05
2.37E+05	2.06E+05	2.47E+05	3.44E+05	1.55E+05	2.78E+05	5.67E+04	4.24E+04	6.01E+04
2.99E+05	2.94E+05	2.93E+05	3.97E+05	2.16E+05	3.07E+05	8.27E+04	7.65E+04	7.62E+04
1.01E+05	9.47E+04	1.25E+05	1.27E+05	9.71E+04	1.10E+05	3.74E+04	3.85E+04	3.85E+04
1.48E+06	1.46E+06	1.44E+06	1.76E+06	2.55E+06	3.01E+06	6.66E+05	6.69E+05	6.60E+05
2.49E+07	2.50E+07	1.97E+07	2.83E+07	2.00E+07	2.15E+07	8.48E+06	9.22E+06	8.47E+06
1.12E+06	9.55E+05	1.19E+06	1.70E+06	1.08E+06	1.23E+06	2.85E+05	2.54E+05	2.37E+05
1.20E+06	1.16E+06	1.41E+06	1.75E+06	1.57E+06	1.50E+06	5.36E+05	5.93E+05	5.27E+05
4.73E+05	4.97E+05	5.50E+05	7.31E+05	8.25E+05	7.47E+05	1.68E+05	1.72E+05	1.13E+05
1.66E+05	1.98E+05	1.77E+05	2.93E+05	2.67E+05	1.90E+05	8.23E+04	3.57E+04	7.10E+04
2.49E+06	2.29E+06	2.75E+06	3.29E+06	3.29E+06	2.74E+06	1.24E+06	1.18E+06	9.14E+05
5.38E+05	5.20E+05	5.42E+05	6.53E+05	7.83E+05	6.72E+05	3.10E+05	2.19E+05	1.76E+05
3.19E+05	3.11E+05	3.26E+05	4.30E+05	3.35E+05	4.32E+05	1.16E+05	1.12E+05	1.34E+05

8.53E+04	8.04E+04	1.01E+05	1.61E+05	1.80E+05	2.51E+05	8.46E+04	8.11E+04	6.44E+04
1.25E+05	1.31E+05	1.44E+05	1.61E+05	1.28E+05	1.40E+05	4.52E+04	4.06E+04	4.03E+04
1.38E+07	1.10E+07	6.39E+06	1.58E+07	9.70E+06	1.22E+07	4.96E+06	4.26E+06	3.99E+06
2.64E+06	2.74E+06	3.22E+06	4.35E+06	2.70E+06	3.80E+06	1.57E+06	1.26E+06	1.44E+06
7.60E+06	1.44E+07	1.31E+07	1.01E+07	9.46E+06	1.22E+07	6.30E+06	3.73E+06	6.07E+06
3.63E+05	3.78E+05	4.38E+05	4.74E+05	3.00E+05	4.79E+05	1.68E+05	1.30E+05	1.95E+05
7.14E+05	8.93E+05	6.70E+05	1.17E+06	1.15E+06	1.25E+06	2.91E+05	2.71E+05	3.28E+05
1.85E+07	2.07E+07	1.26E+07	2.96E+07	4.05E+07	3.47E+07	8.04E+06	9.65E+06	9.11E+06
1.63E+05	1.55E+05	1.85E+05	3.01E+05	2.49E+05	2.99E+05	7.57E+04	6.22E+04	8.24E+04
2.47E+06	2.30E+06	1.10E+06	3.13E+06	2.81E+06	9.00E+05	7.53E+05	8.50E+05	6.63E+05
1.30E+05	1.70E+05	5.32E+04	2.85E+05	1.94E+05	8.28E+04	2.45E+04	3.61E+04	6.20E+04
1.75E+06	1.63E+06	2.82E+06	2.92E+06	2.54E+06	2.75E+06	1.17E+06	7.40E+05	1.14E+06
3.78E+05	3.68E+05	2.21E+05	6.53E+05	6.01E+05	3.48E+05	1.35E+05	1.68E+05	1.28E+05
3.26E+06	3.83E+06	3.15E+06	6.87E+06	8.32E+06	5.24E+06	1.74E+06	1.62E+06	1.64E+06
4.36E+05	4.48E+05	4.81E+05	7.22E+05	7.52E+05	8.88E+05	2.62E+05	2.51E+05	2.47E+05
5.34E+06	4.96E+06	4.34E+06	5.70E+06	4.79E+06	5.00E+06	2.65E+06	2.45E+06	2.10E+06
1.99E+05	1.85E+05	2.18E+05	1.51E+06	2.40E+05	2.02E+05	6.41E+04	8.04E+04	7.62E+04
4.66E+06	5.56E+06	3.48E+06	8.24E+06	1.22E+07	9.53E+06	2.18E+06	2.66E+06	2.37E+06
1.84E+06	1.47E+06	1.13E+06	2.08E+06	2.23E+06	9.13E+05	5.59E+05	4.70E+05	5.14E+05
4.94E+05	4.37E+05	2.56E+05	7.04E+05	5.32E+05	2.27E+05	1.94E+05	1.47E+05	1.75E+05
1.73E+06	1.76E+06	1.02E+06	2.34E+06	3.83E+06	2.41E+06	8.40E+05	7.59E+05	7.48E+05
4.46E+06	5.23E+06	3.57E+06	6.48E+06	1.02E+07	7.61E+06	2.29E+06	2.02E+06	2.07E+06
6.97E+05	7.58E+05	4.43E+05	1.06E+06	1.78E+06	1.23E+06	3.18E+05	3.81E+05	3.40E+05
2.05E+05	1.62E+05	1.48E+05	2.14E+05	3.01E+05	2.57E+05	7.76E+04	6.38E+04	7.97E+04
3.00E+06	3.05E+06	2.95E+06	4.07E+06	1.96E+06	3.43E+06	9.73E+05	9.73E+05	9.52E+05
1.60E+06	1.70E+06	1.76E+06	2.23E+06	1.26E+06	2.13E+06	5.95E+05	7.37E+05	6.70E+05
3.29E+05	3.78E+05	3.14E+05	4.96E+05	4.95E+05	4.18E+05	9.85E+04	7.68E+04	8.27E+04
8.04E+06	8.86E+06	8.33E+06	1.04E+07	7.60E+06	9.57E+06	3.75E+06	3.47E+06	4.02E+06
1.37E+06	1.24E+06	1.47E+06	2.15E+06	1.38E+06	1.80E+06	6.63E+05	7.35E+05	6.70E+05
6.48E+04	2.29E+05	2.33E+05	3.78E+05	1.28E+05	3.00E+05	6.51E+04	5.93E+04	4.67E+04
3.26E+06	3.08E+06	3.25E+06	3.61E+06	2.96E+06	3.16E+06	1.08E+06	9.63E+05	1.02E+06
5.33E+05	5.83E+05	5.62E+05	8.07E+05	5.62E+05	5.67E+05	2.38E+05	2.35E+05	2.16E+05
2.43E+06	3.05E+06	3.06E+06	3.84E+06	4.51E+06	4.43E+06	1.49E+06	1.41E+06	1.38E+06
1.53E+06	1.68E+06	1.38E+06	2.25E+06	1.48E+06	1.86E+06	5.50E+05	5.13E+05	5.64E+05
3.64E+04	3.39E+04	4.10E+04	4.06E+04	2.88E+04	3.17E+04	1.57E+04	1.54E+04	8.92E+03
6.88E+04	8.19E+04	8.74E+04	9.92E+04	1.34E+05	7.71E+04	2.62E+04	3.48E+04	2.20E+04
3.03E+04	2.41E+04	2.44E+04	3.42E+04	2.29E+04	3.10E+04	1.07E+04	8.91E+03	1.14E+04
5.07E+04	6.40E+04	6.66E+04	8.70E+04	6.60E+04	8.75E+04	2.67E+04	2.06E+04	2.32E+04
7.05E+04	8.76E+04	6.19E+04	9.84E+04	9.72E+04	8.54E+04	7.79E+04	1.11E+05	1.11E+05
2.30E+04	3.28E+04	3.51E+04	3.49E+04	2.49E+04	2.18E+04	2.61E+04	2.45E+04	3.39E+04
7.67E+04	6.73E+04	5.17E+04	1.04E+05	4.78E+04	3.75E+04	6.14E+04	5.97E+04	7.47E+04
7.67E+04	1.12E+05	1.14E+05	1.10E+05	1.28E+05	1.18E+05	4.46E+04	5.92E+04	5.32E+04
1.72E+05	1.59E+05	1.29E+05	2.17E+05	1.50E+05	1.24E+05	1.55E+05	1.91E+05	1.55E+05
2.34E+05	2.51E+05	1.95E+05	2.87E+05	1.64E+05	1.76E+05	3.25E+05	3.22E+05	3.19E+05
5.32E+05	4.59E+05	3.33E+05	5.09E+05	4.32E+05	2.90E+05	1.96E+05	2.24E+05	2.33E+05
4.42E+05	4.36E+05	3.62E+05	5.61E+05	6.40E+05	3.23E+05	2.26E+05	2.42E+05	1.97E+05
1.34E+05	1.15E+05	7.00E+04	1.03E+05	8.82E+04	1.13E+05	1.08E+05	1.00E+05	1.10E+05
1.89E+05	1.72E+05	8.28E+04	2.31E+05	1.82E+05	2.24E+05	5.70E+04	1.20E+05	1.09E+05
3.83E+05	4.61E+05	3.65E+05	4.81E+05	5.72E+05	3.71E+05	2.07E+05	2.15E+05	1.82E+05
8.85E+04	5.86E+04	4.41E+04	1.08E+05	1.15E+05	1.05E+05	6.32E+04	6.48E+04	3.97E+04
3.96E+04	4.36E+04	4.03E+04	5.66E+04	2.31E+04	3.79E+04	1.13E+04	1.14E+04	1.42E+04
4.23E+03	5.56E+03	6.49E+03	6.05E+03	4.18E+03	3.36E+03	1.66E+04	1.71E+04	1.77E+04
2.79E+06	2.44E+06	3.13E+06	2.64E+06	2.65E+06	4.59E+06	1.58E+06	2.18E+06	1.97E+06
2.03E+06	1.30E+06	2.28E+06	2.63E+06	8.20E+05	3.22E+06	9.23E+05	1.10E+06	1.02E+06

6.44E+03	2.43E+04	6.22E+03	4.02E+04	8.26E+03	6.63E+03	1.05E+04	1.17E+04	1.35E+04
2.29E+06	1.69E+06	2.54E+06	2.32E+06	1.83E+06	4.03E+06	1.64E+06	1.57E+06	1.61E+06
7.05E+04	5.80E+04	7.82E+04	7.68E+04	5.72E+04	9.27E+04	4.52E+04	4.65E+04	5.16E+04
4.96E+04	4.38E+04	5.24E+04	4.59E+04	4.46E+04	4.72E+04	4.85E+04	4.81E+04	4.58E+04

supplemental Table 2

Compounds	FC	VIP	P value
6,7-diketolithocholic acid	6.05634604	1.54629	0.00054
PI(20:4_20:1)	0.72878948	1.23755	0.038369
Cer(d20:1/24:1(2OH))	53.3761161	1.469	0.000181
PS(17:2_18:2)	0.63741725	1.14164	0.025817
Carnitine C20:2	0.22243728	1.12593	0.004698
CE(22:6)	0.34007215	1.31803	0.000306
SPH(d18:1)	0.71058051	1.07497	0.001808
DG(18:0_20:3)	0.55729101	1.36414	0.006388
DG(18:0_20:4)	2.35480897	1.66101	0.024148
DG(16:0_20:4)	0.70679399	1.48779	0.000898
DG(18:2_22:6)	0.6322581	1.4289	0.002283
PE(22:1_18:0)	0.39332501	1.66995	0.000011
PE(17:1_18:1)	0.28409435	1.71774	0.000001
DG(18:0_22:4)	1.68954205	1.2884	0.014646
HexCer(d16:1/24:1)	0.68867899	1.34997	0.005306
HexCer(d18:1/18:0)	332	1.43975	0.003411
LPC(0:0/20:0)	0.71874051	1.49762	0.000729
HexCer(d18:2/24:1)	0.75780409	1.23037	0.019889
LPC(20:0/0:0)	0.64404997	1.34918	0.007178
PA(16:0_18:1)	0.35758314	1.54883	0.000321
LPC(22:1/0:0)	0.6432184	1.34001	0.008582
LPE(0:0/18:1)	0.30950139	1.45692	0.001805
LPE(22:2/0:0)	2.52528991	1.50019	0.026352
LPE(0:0/20:3)	0.40584588	1.48456	0.001083
LPC(20:1/0:0)	0.73720783	1.56352	0.000348
LPC(24:0/0:0)	0.75349179	1.27822	0.010721
PA(16:0_18:0)	0.4855163	1.6098	0.000002
PA(18:1_18:1)	0.39247675	1.51111	0.000703
LPC(20:3/0:0)	0.55951532	1.27239	0.017392
LPE(20:2/0:0)	0.60832388	1.49136	0.000863
LPE(0:0/20:1)	0.45137852	1.03137	0.005166
PE(P-18:2_18:2)	0.759016	1.21408	0.020794
PE(P-18:1_20:3)	0.79067411	1.18985	0.019586
PE(P-18:2_20:2)	1.82972973	1.40393	0.010961
PE(P-24:2_18:2)	3.01633665	1.44725	0.018158
PE(P-18:1_22:4)	0.58485612	1.30648	0.011222
PE(P-20:0_22:5)	0.62635439	1.2674	0.010784
PE(P-22:1_20:4)	0.67771582	1.0204	0.013723
PE(P-18:1_24:5)	0.68426517	1.56089	0.000287
PE(P-20:1_22:6)	0.60325607	1.41657	0.00232
PE(P-22:1_22:6)	0.68243627	1.36998	0.004127
PI(18:1_18:1)	0.45837877	1.52255	0.000506
PE(P-18:2_20:4)	0.18346667	1.03038	0.000014
Cer(d18:1/21:0)	0.52847217	1.41939	0.003079
Cer(d18:1/23:0)	0.77551864	1.15991	0.030741
Cer(d18:1/20:1)	0.49224218	1.45068	0.001589
DG(21:0_16:0)	0.63556461	1.27637	0.010811
DG(16:0_16:1)	6.4782587	1.36897	0.005943
CE(18:2)	1.52486848	1.0982	0.014013
Cer(d18:2/23:0)	0.63640923	1.3232	0.007959
LPE(22:6/0:0)	0.68705365	1.26596	0.011932
PC(O-18:1_22:0)	0.63605341	1.3399	0.005807

PE(P-18:1_20:1)	0.71389169	1.31882	0.007235
LPE(P-18:1)	0.70675857	1.58658	0.03707
PC(16:0_24:0)	0.74497588	1.11218	0.049729
LPE(P-18:0)	0.57675853	1.43243	0.002548
PC(O-20:0_22:4)	0.5537856	1.41308	0.003042
PE(P-16:0_18:3)	0.60776413	1.39247	0.004256
PA(16:0_20:4)	0.34210487	1.55685	0.000262
PC(19:0_18:1)	0.63662381	1.44301	0.001977
PC(14:0_18:2)	0.51521739	1.40161	0.003903
PA(18:1_22:6)	0.4877087	1.53383	0.000453
PC(O-20:1_20:4)	0.52354921	1.50896	0.00071
PC(18:1_24:1)	0.47185655	1.46559	0.001575
PC(16:0_20:5)	0.5820097	1.39561	0.003131
PE(P-18:0_18:0)	0.42586057	1.47989	0.001196
PC(24:1_20:4)	0.35781088	1.45237	0.001829
PE(P-17:0_20:3)	0.57830429	1.42837	0.002638
PE(P-18:0_20:0)	0.47057329	1.41258	0.003344
PE(P-18:1_20:4)	0.54174715	1.46392	0.001531
PE(O-16:0_16:0)	0.37526345	1.52211	0.000573
LPG(22:4)	0.39570342	1.57821	0.000171
PC(14:0_14:0)	0.70932975	1.3658	0.002367
PC(O-22:1_20:4)	0.5641776	1.53675	0.000382
PE(P-16:0_17:1)	0.56419438	1.42788	0.002634
PE(P-16:0_18:1)	0.44971941	1.46589	0.001513
PE(P-18:0_22:3)	0.27054873	1.30851	0.000003
PE(P-18:0_18:1)	0.48231661	1.49045	0.001006
PE(O-20:0_16:0)	0.31658779	1.51874	0.000605
PE(P-16:0_16:1)	0.38520307	1.48696	0.001051
PE(O-16:0_20:0)	0.19248669	1.59226	0.000117
PC(18:0_24:3)	0.62143952	1.38878	0.004136
PE(P-18:1_17:1)	0.57335469	1.53729	0.000359
PE(O-18:0_16:0)	0.48082596	1.68773	0.000005
PE(P-16:0_22:1)	0.54997284	1.09307	0.046479
PC(O-18:1_24:1)	0.75508887	1.27545	0.013621
PE(O-16:1_16:0)	0.39369906	1.60044	0.000129
PE(P-18:1_18:2)	0.74955434	1.15279	0.049521
PC(O-16:0_22:0)	0.72918706	1.24518	0.021627
PC(O-16:0_14:1)	0.69014114	1.25288	0.019863
SM(d18:0/20:0)	3.21539178	1.20371	0.01915
PC(O-18:1_16:0)	0.5936472	1.39263	0.003407
PC(O-18:0_20:4)	0.6717306	1.49074	0.000868
PE(P-17:0_22:5)	0.54628966	1.18242	0.007331
PE(P-18:0_22:1)	0.72710393	1.19057	0.028249
PE(P-18:1_18:1)	0.75873123	1.31481	0.009258
PE(P-16:0_18:2)	0.79477613	1.375	0.004278
SM(d18:0/14:0)	0.73554695	1.33304	0.00859
PE(P-18:0_24:5)	0.42298628	1.16289	0.025841
DG(18:1_22:4)	1.57541863	1.40848	0.002457
PA(18:0_20:3)	0.70090467	1.52834	0.000515
PA(18:1_26:1)	0.75403867	1.17751	0.033046
PA(18:1_20:2)	0.76631489	1.2153	0.021604
DG(18:1_20:1)	0.66229972	1.27858	0.009709
DG(18:0_20:2)	0.7168531	1.25961	0.016993
DG(18:1_22:1)	0.78076919	1.19852	0.032124

LPC(0:0/20:1)	0.40196986	1.48669	0.001062
SHexCer(d18:1/16:0)	0.72202277	1.42883	0.002098
LPE(20:3/0:0)	0.27579948	1.62002	0.03598
LPC(0:0/18:1)	0.48385464	1.48983	0.001026
LPE(0:0/16:0)	2.68334022	1.07132	0.00134
PG(18:0_18:1)	0.47557003	1.65101	0.000021
PE(P-20:3_18:1)	1.60861514	1.16598	0.044508
PE(P-19:0_20:4)	0.75579317	1.34751	0.004914
PE(P-20:2_22:4)	0.72493755	1.21612	0.027162
PE(P-18:1_24:4)	0.65515862	1.4662	0.001216
PE(P-18:1_22:5)	1.5552022	1.16711	0.037831
PE(P-18:2_22:6)	0.74080739	1.10499	0.047461
PE(P-20:2_22:6)	3.70703294	1.18649	0.034356
DG(18:0_20:1)	0.22887582	1.17944	0.000782
PE(P-18:0_24:4)	0.62390693	1.10698	0.034264
PE(P-18:1_22:3)	4.65060241	1.58758	0.029165
DG(12:0_20:0)	0.59072988	1.38642	0.004669
Cer(d18:2/21:0)	0.56616546	1.4645	0.001434
DG(16:1_18:0)	0.59829456	1.43468	0.002153
DG(15:0_18:1)	0.38738636	1.45824	0.000842
Cer(d18:2/24:1)	0.60859124	1.47146	0.00126
DG(14:0_18:1)	0.66518906	1.46873	0.001129
DG(16:0_20:1)	0.62029985	1.50482	0.000695
DG(16:0_20:2)	0.71143451	1.28161	0.040936
DG(18:0_18:1)	0.52757879	1.45356	0.001791
DG(18:1_24:0)	0.64649763	1.31947	0.011084
DG(16:0_18:1)	0.7898315	1.26431	0.014045
DG(16:1_18:1)	0.10116531	1.12687	0.000097
(±)15-HETE	2.00699007	1.61711	0.000141
PE(O-18:1_21:1)	1.52365813	1.19428	0.024399
PE(O-20:1_20:1)	1.71042489	1.6863	0.000032
PE(O-18:1_18:0)	0.78502189	1.14049	0.03437
PE(O-18:0_20:1)	0.71428784	1.71568	0.000004
PE(O-20:1_18:1)	1.61430972	1.26233	0.014942
TXB2	2.08027194	1.75219	0.000003
PE(O-20:0_18:1)	0.64738071	1.37866	0.003733
PE(O-16:1_16:1)	0.76746636	1.14553	0.030601
PE(O-16:1_18:1)	0.71276473	1.55569	0.000254
PE(O-17:1_18:1)	0.69764008	1.61243	0.000129
PE(O-18:1_18:1)	1.5258216	1.08118	0.042219
PE(O-16:1_20:1)	1.61861667	1.15474	0.025216
PS(18:1_20:0)	0.73972403	1.39904	0.018904
PS(18:1_20:1)	2.54147887	1.4443	0.001654
Cer(d22:0/18:1)	0.746063	1.33692	0.007786
PE(O-16:0_20:3)	1.54385126	1.68236	0.000269
PE(O-20:1_18:2)	0.6915054	1.32222	0.006881
PE(O-18:2_22:1)	0.65898865	1.39009	0.003359
PE(O-18:2_19:1)	1.56672058	1.72754	0.000021
PE(O-18:1_22:2)	0.55953706	1.67912	0.000008
PE(O-16:1_20:3)	0.67799671	1.52056	0.000635
PE(O-18:2_18:2)	0.71721664	1.18883	0.048357
PE(O-18:2_22:5)	0.79003228	1.23924	0.017407
PS(16:0_20:1)	4.16725172	1.11911	0.02998
PE(O-19:1_22:6)	0.56340249	1.4006	0.018492

PE(O-20:2_22:6)	0.71300293	1.20462	0.017398
PE(O-18:2_22:6)	0.21499169	1.71149	0.031402
LNAPE(16:0/N-18:1)	0.60488432	1.06492	0.046735
PMeOH(18:0_18:1)	0.52448534	1.50214	0.00077
FFA(16:1)	0.462569	1.5941	0.000108
PC(14:1_18:1)	0.66515691	1.31352	0.007287
LPS(22:5/0:0)	0.12566558	1.56282	0.00129
LNAPE(22:6/N-20:1)	0.62903675	1.41687	0.002463
PC(18:0_22:1)	0.48660415	1.10276	0.013815
PC(15:1_18:1)	0.72423803	1.36002	0.004314
PE(17:2_20:3)	0.51493564	1.54763	0.00031
PE(18:2_22:5)	0.51797451	1.30657	0.009642
PE(18:0_22:1)	0.64225782	1.37561	0.003997
PG(16:0_20:1)	0.49483911	1.35597	0.004573
LPG(16:1/0:0)	0.46138544	1.54292	0.000349
LPI(20:4/0:0)	0.43048446	1.55981	0.000236
LNAPE(16:1/N-16:0)	0.69141618	1.37715	0.003952
PE(16:0_19:2)	0.64176409	1.47117	0.00125
PE(24:0_20:4)	0.65542546	1.226	0.01995
PG(18:1_18:3)	0.65129265	1.15952	0.031822
PS(18:0_20:0)	1.72411408	1.26655	0.010175
PS(18:1_22:4)	0.51093721	1.41752	0.002781
PS(18:1_24:4)	0.61359969	1.17499	0.030457
PS(18:2_20:5)	0.57275986	1.46894	0.001362
PI(15:0_21:1)	0.57909754	1.19435	0.038323
PI(15:0_19:2)	0.47453473	1.41898	0.002907
PC(18:1_20:0)	0.4537661	1.52997	0.000485
PC(18:1_22:0)	0.29590289	1.59296	0.000109
PC(24:0_18:1)	0.29308808	1.63003	0.000041
PA(18:0_21:0)	0.5214164	1.47377	0.001249
PC(17:0_18:2)	0.34067347	1.71624	0.000001
PC(18:1_22:1)	0.40402062	1.63169	0.000039
PG(18:1_20:3)	0.48833626	1.52707	0.000494
PA(22:1_18:2)	0.47192115	1.42757	0.002532
PA(20:1_22:4)	0.63050719	1.15839	0.04139
Carnitine C4-OH	4.84346642	1.03573	0.017863
PA(20:1_18:2)	0.78599429	1.63092	0.000055
PA(20:1_20:3)	0.59313099	1.64853	0.000022
PA(20:0_22:6)	0.77607362	1.3363	0.006738
Carnitine C2:0	0.62460606	1.38403	0.004257
PA(20:3_22:5)	0.7346619	1.49522	0.00081
Carnitine C14:0	0.67894959	1.5517	0.000436
Carnitine C16-OH	0.68031713	1.72465	0.000001
Carnitine C3:1-2OH	0.57170663	1.69517	0.000011
Carnitine C14:1	0.66964981	1.52297	0.000632
PC(20:1_20:3)	0.47709736	1.6909	0.002009
Carnitine C4:1-2OH	0.67989713	1.6788	0.000012
Carnitine C16:1	0.63266665	1.73013	0.000002
Carnitine C16:1-OH	0.7883598	1.58759	0.000151
Carnitine C18:1-OH	0.72835455	1.27544	0.013262
Carnitine C18:2	0.58407808	1.48596	0.001067
DG(18:0_18:2)	0.67690692	1.37104	0.004365
PE(20:1_18:0)	0.41326083	1.54467	0.000345
HexCer(d18:1/17:0)	0.72547335	1.27619	0.015466

DG(18:1_18:1)	2.90710102	1.13366	0.030436
PE(18:1_16:1)	0.46074074	1.52385	0.000477
PE(22:0_18:1)	0.39773259	1.62351	0.000048
DG(16:0_20:3)	1.93925202	1.52125	0.008594
PS(18:0_20:3)	0.36322466	1.63879	0.000031
HexCer(d18:1/22:0)	0.54166718	1.46022	0.001615
HexCer(d18:1/20:0)	1.53303965	1.13432	0.048983
HexCer(d18:1/24:0)	0.79686137	1.57593	0.000158
PS(16:0_20:5)	0.44338153	1.60566	0.000083
PA(16:0_16:0)	0.32016213	1.67456	0.000009
HexCer(d18:1/23:0)	0.65688996	1.5996	0.000098
HexCer(d18:1/25:0)	0.68039216	1.32064	0.012552
HexCer(d18:2/22:0)	0.59034747	1.30746	0.007761
HexCer(d18:2/24:0)	0.43113065	1.19298	0.000217
TG(16:0_18:0_20:1)	0.38724463	1.48155	0.001186
PE(20:1_18:1)	0.38275616	1.51455	0.000634
SM(d18:1/19:0)	0.58518429	1.52731	0.000464
SM(d18:1/21:0)	0.50032362	1.51519	0.000561
SM(d18:1/23:0)	0.53171687	1.49183	0.000966
TG(14:1_16:0_16:1)	0.40294925	1.49616	0.000902
SM(d18:1/26:1)	0.361635	1.43887	0.002323
TG(17:0_18:1_18:1)	0.32656027	1.46822	0.001508
SM(d18:1/25:0)	0.75602894	1.16628	0.04005
TG(14:0_18:3_20:4)	0.52106886	1.51136	0.000644
TG(16:0_18:2_20:5)	0.52812794	1.56924	0.000204
TG(17:1_17:1_24:6)	0.37817413	1.48386	0.001131
SM(d18:1/18:1)	0.58780481	1.36217	0.004198
TG(16:0_16:1_22:6)	0.51184917	1.58262	0.00014
PE(19:0_18:2)	0.46960252	1.537	0.000419
TG(16:0_14:1_18:2)	0.61481135	1.17196	0.04621
Carnitine C20:3	0.72617247	1.38629	0.004776
TG(16:0_16:0_16:1)	0.71091134	1.24591	0.016575
DG(22:0_18:1)	1.61631313	1.23366	0.039095
DG(24:0_18:1)	4.71484651	1.36092	0.004832
DG(18:2_20:2)	0.73541917	1.14121	0.047846
Cer(t18:0/20:0(2OH))	0.74876848	1.42219	0.002861
SM(d18:2/24:2)	0.64485116	1.39155	0.004296
MGDG(14:0_16:0)	0.61993113	1.47713	0.001139
MGDG(16:0_16:1)	0.4292687	1.40325	0.003304
Cer(d18:0/22:0(2OH))	0.76594114	1.3193	0.008076
BMP(18:1_20:4)	0.54587282	1.62275	0.000052
MGDG(16:0_16:0)	0.55301358	1.3261	0.009549
MGDG(16:0_18:1)	0.48283241	1.43542	0.002092
MGDG(16:1_18:1)	0.55590972	1.4025	0.002801
MGDG(18:1_18:1)	0.64730231	1.57236	0.000187
PI(18:0_17:1)	0.09927426	1.53347	0.000518
Cer(d18:2/22:1)	0.76273316	1.26384	0.038626
HexCer(t19:1/26:1(2OH))	0.75496689	1.23601	0.009805
Cer(d17:1/16:0)	4.43301529	1.01004	0.000938
Cer(d18:2/25:1)	0.51704427	1.07873	0.006384
Cer(t17:2/25:0)	0.18255588	1.18183	0.002764
Cer(d17:1/20:0)	0.33701987	1.37594	0.000136
Cer(t17:1/20:0)	0.60486635	1.174	0.036594
Cer(t17:1/22:0)	1.66059258	1.15132	0.028526

HexCer(d17:1/18:0)	0.35289923	1.01599	0.000446
Cer(d18:1/22:0(2OH))	34.9943117	1.28166	0.01253
Cer(t17:2/24:1)	0.65719153	1.24364	0.029285
Cer(d23:0/18:1)	147.888889	1.15685	0.029282
TG(18:3_20:4_20:4)	0.6280877	1.12391	0.014163
HexCer(t17:2/18:0(2OH))	0.7926869	1.32845	0.012637
Cer(t16:1/27:0)	1.63088701	1.432	0.00246
Cer(d18:1/18:0(2OH))	2.7861124	1.31457	0.039844
PI(18:0_20:1)	4.52022506	1.5522	0.000383
PE(O-16:1_21:1)	1.60059484	1.40969	0.005879
PE(O-18:1_20:1)	1.58567841	1.33617	0.008124
PE(O-16:1_22:1)	1.65610689	1.16704	0.035987
SM(d18:0/22:0)	0.66848301	1.23165	0.018574
SM(d18:1/25:1)	0.64091637	1.27794	0.02934
TG(18:2_18:2_20:1)	0.53864458	1.53849	0.000385
PE(O-16:0_18:1)	0.40119456	1.51171	0.000659
SM(d18:1/21:1)	0.38564624	1.4061	0.003669
PE(20:1_18:2)	0.49432774	1.51906	0.000555
PG(18:0_16:0)	0.40471524	1.50094	0.000847
PE(18:1_22:1)	0.23076922	1.55254	0.000307
TG(16:1_18:2_18:3)	0.56189974	1.56087	0.000254
TG(16:0_16:1_17:1)	0.57814287	1.50409	0.000723
TG(16:0_18:2_22:6)	0.35386962	1.37593	0.005591
TG(15:0_16:0_18:0)	4.61201938	1.45138	0.001212
PE(20:3_18:0)	0.28367716	1.5194	0.000577
PE(P-16:0_20:1)	2.45549133	1.36844	0.018359
SM(d18:1/24:1)	0.62067377	1.46123	0.001604
PE(P-20:0_18:1)	0.54371069	1.49511	0.000848
SM(d18:2/23:1)	0.45098889	1.40367	0.003799
PE(P-16:0_24:2)	0.52630164	1.31423	0.010851
TG(16:1_16:1_18:1)	0.53910046	1.26507	0.016586
PE(P-16:0_22:0)	0.2427682	1.48744	0.001026
PE(P-18:0_20:1)	0.70174316	1.2968	0.009726
TG(18:2_18:2_22:6)	0.50356295	1.49804	0.000844
PE(P-16:0_22:3)	0.51541964	1.51925	0.00055
PE(P-18:1_20:0)	0.71684731	1.22069	0.015104
PE(P-18:1_19:1)	0.6418511	1.25644	0.021665
Carnitine C20:4	0.52206738	1.17766	0.046281
TG(16:1_18:1_18:2)	0.62494073	1.14956	0.048122
PE(P-18:1_24:2)	0.53562803	1.3784	0.005085
Carnitine C22:4	0.7238793	1.24918	0.021652
PE(P-18:1_22:1)	0.65677978	1.37332	0.004928
PE(P-20:0_20:3)	0.42839951	1.41994	0.002398
TG(16:0_18:2_18:3)	0.57724851	1.26344	0.018242
PE(P-18:1_14:0)	0.58672882	1.23697	0.026105
PE(P-18:1_16:1)	0.76356143	1.30701	0.009252
PE(P-16:0_16:0)	0.6499715	1.43511	0.002205
PE(P-17:0_18:1)	0.66235807	1.40489	0.003401
PE(P-16:0_20:3)	0.60758425	1.36942	0.005662
PE(P-18:2_16:1)	0.76111503	1.31961	0.009106
PE(P-18:0_24:3)	0.64779874	1.25489	0.019503
PE(P-18:0_18:2)	0.77997957	1.21546	0.022402
PE(P-18:2_18:1)	0.79026453	1.21246	0.020046
PC(15:1_22:4)	0.55218077	1.36371	0.004134

PC(16:0_22:0)	0.340422	1.63731	0.000037
PC(16:0_26:0)	0.21902491	1.64959	0.000902
PG(20:4_20:4)	0.23231884	1.38858	0.000886
PE(O-18:1_18:2)	0.62837896	1.24671	0.018495
PE(O-20:1_22:5)	0.47303189	1.32645	0.009408
LPC(24:2)	6.27710535	1.47086	0.001425
PS(18:0_16:1)	0.52233229	1.34857	0.00262
PE(16:1_16:0)	0.3821827	1.70078	0.000005
PE(16:0_18:1)	0.44472426	1.58385	0.000142
PE(16:1_18:0)	0.44674611	1.61458	0.000064
PE(20:1_16:0)	0.42171986	1.57862	0.000158
Cer(d18:0/16:0)	0.5303681	1.6466	0.00004
PE(18:1_18:0)	0.48	1.61934	0.000058
Carnitine C5-OH	0.09007748	1.25211	0.000369
PE(O-20:0_20:4)	0.48910291	1.45995	0.001676
PE(O-20:0_22:4)	0.7237255	1.29483	0.029905
PE(O-18:1_22:1)	1.67755656	1.72962	0.000023
PE(O-17:2_18:1)	0.53495667	1.14863	0.000804
PE(O-18:2_24:1)	0.70106476	1.17171	0.044856
PE(O-18:2_20:2)	0.68502261	1.32513	0.006676
PA(16:0_20:1)	0.61919787	1.16746	0.031713
PA(20:0_18:2)	0.56399513	1.32595	0.008295
PC(16:0_22:1)	2.21378261	1.65274	0.001215
Cer(d18:2/23:1(2OH))	0.58570511	1.37778	0.000918
PE(O-17:1_20:4)	0.69409857	1.19387	0.019358
PE(O-17:1_22:4)	0.63490669	1.31342	0.030254
PE(O-22:1_20:4)	0.55567502	1.27278	0.015555
PE(O-17:2_20:4)	0.60143366	1.46315	0.001272
PE(O-18:0_22:6)	0.50833812	1.40898	0.003642
PE(O-18:2_18:1)	1.75491832	1.78712	<0.000001
PE(O-18:2_20:1)	2.80464944	1.01082	0.003434
PE(O-18:3_18:1)	0.56767677	1.45424	0.00157
PE(O-18:0_22:4)	0.62880663	1.43017	0.001915

supplemental Table 3

Compounds	VIP	FC(S/C)	P value
LPI(20:3/0:0)	1.09794	0.551501479	0.017983
LPI(20:4/0:0)	1.27284	0.704083427	0.003702
PC(18:0_18:0)	1.53583	1.851769973	0.000009
PC(16:0_22:1)	1.29269	1.769791622	0.002881
PC(18:1_20:0)	1.29786	5.613076118	0.002437
PC(16:1_16:1)	1.30086	0.397707406	0.002363
PC(16:1_18:1)	1.19735	0.625477673	0.007415
PC(17:1_18:1)	1.11018	0.336794452	0.016333
PC(17:0_20:3)	1.36204	0.516282999	0.000913
PC(20:1_18:2)	1.28907	1.852274673	0.002954
PC(20:2_18:1)	1.32836	1.478691136	0.001988
PC(18:2_22:1)	1.09996	1.843207853	0.019608
PC(16:1_18:3)	1.2187	0.624417266	0.006395
PC(18:2_18:2)	1.14416	1.440682638	0.013242
PC(18:0_22:4)	1.11917	1.31335633	0.015791
PC(18:2_20:3)	1.41422	0.731053795	0.000346
PC(20:1_20:4)	1.09769	1.522250831	0.017864
PC(20:2_20:4)	1.45567	2.414624185	0.000126
PC(20:3_20:4)	1.04195	0.767456573	0.030034
PE(18:2_16:0)	1.18313	1.378692776	0.013895
PE(18:0_18:2)	1.31108	1.446678076	0.002274
PE(20:2_16:0)	1.45422	1.834103785	0.00015
PE(19:0_18:2)	1.17027	1.428401506	0.016351
PE(20:2_18:0)	1.08792	1.697890226	0.020015
PE(17:1_18:2)	1.01269	1.638237731	0.041098
PE(18:1_18:2)	1.16873	1.396028935	0.012056
PE(18:2_19:1)	1.31527	1.997674987	0.002144
PE(17:0_20:3)	1.09619	1.219749736	0.029384
PE(20:1_18:2)	1.22371	1.448112666	0.007664
PE(18:2_18:2)	1.18975	2.349690595	0.008581
PE(17:0_20:4)	1.09907	1.311179933	0.01802
PE(17:0_20:5)	1.04832	1.554329021	0.046591
PE(18:0_24:5)	1.11588	1.766653059	0.018772
PE(15:0_22:6)	1.3511	1.873565222	0.001049
PG(18:2_16:1)	1.16553	1.215059444	0.01834
PG(16:1_20:4)	1.09717	0.523179269	0.00096
PG(18:1_20:4)	1.16073	1.715945229	0.010063
PI(18:1_18:2)	1.03061	2.138994186	0.000025
PI(18:1_22:6)	1.05821	1.28797342	0.040419
PS(16:0_18:1)	1.27109	4.604663644	0.029935
PS(22:4_18:0)	1.35674	2.588199335	0.003913
PS(18:0_20:5)	1.58759	1.649458177	0.037741
FFA(29:0)	1.37775	0.784586523	0.000613
PE(O-18:0_16:0)	1.19597	0.683953926	0.017513
PE(O-20:0_18:1)	1.56299	0.523919843	0.000226
PE(O-16:0_22:3)	1.56313	0.00091718	<0.000001
PE(O-18:2_22:1)	1.09466	2.875098114	0.010546
PE(O-18:2_24:2)	1.09967	2.31694945	0.021631
PE(O-20:0_22:4)	1.03084	0.399637021	0.000271
PE(O-17:1_22:4)	1.49187	1.671608395	0.010683
PE(O-20:1_22:4)	1.03934	0.529468962	0.002902
PE(O-18:0_22:6)	1.12418	0.714777145	0.022726

PE(O-22:0_22:6)	1.35632	0.807916103	0.030768
PE(O-18:2_22:6)	1.27508	1.609404411	0.016276
PE(O-20:2_22:6)	1.30367	0.724312262	0.015129
LNAPE(22:6/N-20:4)	1.26226	0.794645663	0.032557
PC(15:0_15:1)	1.23165	1.575674248	0.003694
PC(20:4_20:5)	1.34079	1.632823099	0.007664
PE(12:0_22:4)	1.02889	0.643750214	0.008697
PE(18:2_18:3)	1.06018	2.761177196	0.001052
PE(22:3_20:4)	1.3573	2.019462451	0.032492
PE(20:4_22:6)	1.18332	1.666848062	0.005496
PG(14:0_16:0)	1.26965	0.310158686	0.03717
PG(12:0_18:1)	1.15117	0.59929207	0.035872
PG(17:0_22:1)	1.01316	1.853737076	0.001053
PG(16:0_20:2)	1.11796	1.884221877	0.009189
PG(9:0_22:4)	1.02703	0.719093321	0.001748
PG(16:1_20:5)	1.2363	0.565338169	0.015111
PG(20:0_22:6)	1.23999	0.656426723	0.007557
PG(20:1_22:6)	1.28304	1.648672209	0.004612
PG(20:4_20:4)	1.49606	1.767708351	0.040367
PS(15:0_18:0)	1.02674	1.999223005	0.001216
PS(16:0_17:0)	1.01235	0.770694608	0.038712
PS(18:0_20:0)	1.06222	0.729496953	0.005519
PS(17:0_18:1)	1.39154	0.260384976	0.004984
PS(19:0_16:1)	1.28299	0.386019312	0.002046
PS(17:1_18:1)	1.05366	2.129141313	0.004416
PS(19:0_18:3)	1.21442	0.668837066	0.03693
PS(19:1_20:4)	1.28813	0.218507297	0.015462
PS(20:3_20:3)	1.06532	0.785874458	0.025203
PA(18:0_22:4)	1.22385	1.576950118	0.03307
PA(16:1_22:5)	1.50409	0.248629674	0.001396
PA(20:4_22:5)	1.39715	0.686458798	0.024785
Carnitine C5:0	1.40253	1.118362976	0.047067
Carnitine C4-OH	1.15037	2.765533908	0.000023
Carnitine C10:0	1.17985	10.41698812	0.006189
Carnitine C15:0	1.44875	1784.596228	0.006576
Carnitine C16-OH	1.13943	2.41199624	0.040964
Carnitine C20:0	1.23904	7.289747199	0.013732
Carnitine C3:1-2OH	1.30286	2.694957437	0.000034
Carnitine C5:1	1.5655	1.940687226	0.001608
Carnitine C5:1-2OH	1.01447	1.097636415	0.016309
Carnitine C10:2	1.49296	0.39726701	0.000842
CE(18:1)	1.0442	0.455268723	0.000151
CE(24:1)	1.23668	0.649081234	0.001718
CE(20:2)	1.12364	0.565382668	0.012701
Cer(d18:1/17:0)	1.30014	2.170101722	0.000397
DG(17:0_18:1)	1.06613	0.283022372	0.009688
DG(16:0_20:1)	1.09969	0.526496748	0.044894
DG(18:1_24:0)	1.18378	3.792565343	0.048129
DG(16:0_20:2)	1.40989	0.733813034	0.01096
DG(18:0_20:3)	1.55467	0.542599764	0.00264
DG(16:1_20:3)	1.1149	0.359994054	0.000841
DG(18:1_20:3)	1.00155	0.295991207	0.000355
DG(18:0_20:4)	1.45203	0.641425242	0.019748
DG(18:0_22:4)	1.35273	0.632849075	0.024328

HexCer(d18:1/16:0)	1.18782	2.871822248	0.000004
HexCer(d18:1/24:0)	1.48875	1.79372954	0.000158
SHexCer(d18:1/16:0)	1.25578	1.414561723	0.004162
LPC(14:0/0:0)	1.51448	0.334390116	0.000005
LPC(16:0/0:0)	1.24719	0.527259107	<0.000001
LPC(0:0/17:0)	1.3845	0.700227297	0.005649
LPC(17:0/0:0)	1.31836	0.71655041	0.008803
LPC(18:0/0:0)	1.53136	0.684751417	0.000153
LPC(20:0/0:0)	1.53312	0.517207364	0.000051
LPC(16:1/0:0)	1.55789	0.318465709	0.000011
LPC(0:0/18:1)	1.2179	0.585211719	0.000417
LPC(18:1/0:0)	1.31978	0.477487112	0.000313
LPC(20:1/0:0)	1.18813	0.681204707	0.028435
LPC(18:3/0:0)	1.49128	0.527525246	0.000019
LPC(18:4/0:0)	1.28982	0.305813417	0.000022
LPC(O-14:0)	1.45225	0.50614826	0.000012
LPC(O-16:0)	1.42569	1.266198967	0.002342
LPC(O-20:0)	1.43842	0.233276839	<0.000001
LPC(O-14:1)	1.01476	0.430162095	0.000024
LPC(O-18:1)	1.03445	1.331335569	0.00366
LPC(O-20:1)	1.50075	0.452225627	0.000003
LPE(17:0/0:0)	1.55548	0.5091513	0.001709
LPE(0:0/18:0)	1.56183	0.424432885	0.000135
LPE(16:1/0:0)	1.19573	0.319733126	0.000007
LPE(17:1/0:0)	1.22418	0.405808092	0.000594
LPE(18:1/0:0)	1.43021	0.429006256	0.000047
LPE(18:2/0:0)	1.36536	0.661489212	0.016299
LPE(0:0/20:3)	1.61972	0.469647848	0.000143
LPE(20:3/0:0)	1.0248	0.471757952	0.000268
LPE(20:4/0:0)	1.00357	0.591539249	0.0002
LPE(20:5/0:0)	1.40178	0.662249641	0.037657
LPE(0:0/22:5)	1.21623	0.626207337	0.017712
LPE(22:5/0:0)	1.44793	0.521488948	0.031503
PC(16:0_16:1)	1.49134	0.579696472	0.008385
PC(16:0_18:1)	1.09908	0.741515053	0.006416
PC(19:0_18:2)	1.45823	1.750152853	0.000042
PC(18:0_20:2)	1.55473	1.451279598	0.001141
PC(16:0_18:3)	1.40966	0.661849567	0.002354
PC(17:1_18:2)	1.55776	1.421074721	0.004497
PC(20:4_17:0)	1.47587	1.613865568	0.001259
PC(18:0_20:4)	1.01199	1.270879962	0.000483
PC(19:0_20:4)	1.2496	1.595888656	0.006519
PC(16:0_20:5)	1.05843	0.747147491	0.044102
PC(15:1_22:5)	1.10091	1.462012154	0.010587
PC(O-20:0_20:4)	1.19812	1.555765311	0.004512
PC(O-20:1_20:4)	1.03503	0.788154621	0.024475
PE(P-18:1_22:6)	1.54274	1.702767484	0.031301
SM(d18:1/19:1)	1.19594	0.818516878	0.023167
SM(d18:1/22:1)	1.25967	0.67765613	0.004968
SM(d18:1/23:1)	1.20915	0.649951802	0.000659
SM(d18:2/20:1)	1.23012	1.623392523	0.0031
TG(16:0_16:0_17:0)	1.20963	0.39721356	0.021306
TG(15:0_16:0_18:1)	1.5015	0.310359648	0.008863
TG(16:0_17:0_18:1)	1.49305	0.150668687	0.000419

TG(17:0_18:0_18:1)	1.47957	0.253581119	0.000737
TG(17:0_17:0_19:1)	1.51959	0.212676192	0.00063
TG(16:0_18:0_20:1)	1.46608	0.23588296	0.000171
TG(18:0_18:0_18:1)	1.48671	0.33119158	0.007071
TG(16:0_24:0_18:1)	1.52718	0.604621816	0.043851
TG(18:0_20:1_22:0)	1.45647	0.640090587	0.03507
TG(9:0_16:0_18:2)	1.23132	0.677220891	0.015867
TG(16:0_16:1_18:1)	1.02334	0.236915231	0.003381
TG(14:0_18:0_18:2)	1.27278	0.329452681	0.016205
TG(16:0_17:1_18:1)	1.26402	0.154395727	0.000263
TG(15:0_17:0_19:2)	1.46922	0.168616029	0.000045
TG(16:0_18:1_18:1)	1.44368	0.210205066	0.000035
TG(16:0_18:0_18:2)	1.343	0.322737958	0.004518
TG(16:0_16:1_20:1)	1.49987	0.193644593	0.000045
TG(17:0_18:1_18:1)	1.53534	0.105345085	0.000016
TG(16:0_18:1_19:1)	1.55385	0.103215837	0.000068
TG(18:0_18:1_18:1)	1.51754	0.197868055	0.00002
TG(16:0_18:1_20:1)	1.57043	0.137093266	0.000103
TG(16:1_18:0_20:1)	1.52468	0.136342041	0.000055
TG(15:0_18:1_22:1)	1.47399	0.229427605	0.000452
TG(18:0_18:1_19:1)	1.42449	0.184160749	0.000226
TG(18:0_18:1_20:1)	1.5235	0.144984608	0.000013
TG(18:0_18:2_20:0)	1.29339	0.177770824	0.000131
TG(16:0_18:1_22:1)	1.58734	0.230808901	0.000234
TG(18:0_22:0_18:2)	1.259	0.460554564	0.00534
TG(23:0_18:1_18:1)	1.34449	0.406447957	0.001073
TG(16:0_14:1_18:2)	1.29099	0.37495434	0.014074
TG(16:1_16:1_17:1)	1.3221	0.431286835	0.042211
TG(15:0_16:1_18:2)	1.31542	0.445515746	0.023499
TG(16:1_16:1_18:1)	1.57837	0.403780823	0.034119
TG(16:0_16:1_18:2)	1.41893	0.300458397	0.003414
TG(16:1_17:1_18:1)	1.43216	0.2658726	0.003651
TG(15:0_18:1_18:2)	1.52135	0.307044341	0.000099
TG(16:0_17:1_18:2)	1.49571	0.197385741	0.000179
TG(16:1_18:1_18:1)	1.51781	0.262851325	0.001271
TG(16:0_18:1_18:2)	1.55526	0.3406259	0.000039
TG(14:0_18:1_20:2)	1.54147	0.409675325	0.007607
TG(17:1_18:1_18:1)	1.62066	0.168551897	0.000009
TG(17:0_18:1_18:2)	1.32483	0.199032026	0.000004
TG(18:1_18:1_18:1)	1.53163	0.23314782	0.00002
TG(18:0_18:1_18:2)	1.50953	0.256793529	0.000001
TG(16:0_18:1_20:2)	1.47361	0.173397368	0.000015
TG(17:1_18:1_20:1)	1.36007	0.132271834	0.000897
TG(18:1_18:1_19:1)	1.43837	0.149451886	0.000082
TG(18:1_18:1_20:1)	1.29669	0.150222666	0.000015
TG(16:1_18:1_22:1)	1.29132	0.407319884	0.002618
TG(20:1_18:2_18:0)	1.02945	0.212765534	<0.000001
TG(18:1_18:2_22:0)	1.51975	0.401834191	0.003801
TG(18:1_20:1_20:1)	1.34903	0.12984983	0.000023
TG(18:1_20:1_22:1)	1.32189	0.364564186	0.001262
TG(16:1_16:1_16:2)	1.40398	0.338710002	0.013377
TG(14:0_18:2_18:2)	1.32002	0.387113671	0.00266
TG(16:1_16:1_18:2)	1.3785	0.258862957	0.006149
TG(14:0_16:0_20:4)	1.3706	0.200953554	0.000037

TG(16:0_16:1_18:3)	1.44538	0.212186226	0.002755
TG(15:0_18:2_18:2)	1.56905	0.44287862	0.001757
TG(16:1_17:1_18:2)	1.55645	0.296241778	0.001926
TG(16:1_18:1_18:2)	1.49194	0.382417195	0.000333
TG(16:0_16:0_20:4)	1.42493	0.194054847	<0.000001
TG(16:0_18:2_18:2)	1.50543	0.369501162	0.000331
TG(15:0_19:2_19:2)	1.51917	0.19310641	0.000244
TG(17:1_18:1_18:2)	1.47717	0.246550413	0.000016
TG(18:1_18:1_18:2)	1.57458	0.296062438	0.000043
TG(16:0_18:0_20:4)	1.59587	0.332846904	0.00002
TG(17:1_18:1_20:2)	1.3753	0.190401705	0.000003
TG(17:0_19:2_19:2)	1.59766	0.109656325	0.000007
TG(18:0_18:1_20:3)	1.49723	0.114143359	<0.000001
TG(16:1_18:1_22:2)	1.35763	0.362774017	0.001701
TG(16:0_18:1_22:3)	1.60389	0.086121022	0.000011
TG(18:1_18:2_20:1)	1.10419	0.294232427	0.000025
TG(18:1_18:1_22:2)	1.34288	0.295574864	0.000082
TG(18:1_22:1_18:2)	1.08993	0.367298131	0.000941
TG(18:1_24:1_18:2)	1.33624	0.403989938	0.000219
TG(16:1_16:1_18:3)	1.3988	0.217184164	0.002642
TG(14:0_18:2_18:3)	1.48531	0.332324713	0.002863
TG(14:1_18:2_18:2)	1.46077	0.482245434	0.035973
TG(12:0_16:0_22:5)	1.46809	0.180214021	0.000735
TG(14:0_16:1_20:4)	1.4665	0.218293187	0.000018
TG(15:0_18:2_18:3)	1.58248	0.339368633	0.001325
TG(15:0_16:1_20:4)	1.4555	0.239569997	0.001719
TG(16:1_17:1_18:3)	1.58562	0.308235607	0.00144
TG(16:1_18:2_18:2)	1.53088	0.323893284	0.000469
TG(16:0_18:2_18:3)	1.54184	0.270747425	0.000188
TG(16:1_18:1_18:3)	1.52945	0.258186552	0.000084
TG(16:0_16:1_20:4)	1.51197	0.156010838	0.000046
TG(14:0_16:0_22:5)	1.54625	0.171208603	0.000056
TG(16:0_17:1_20:4)	1.4694	0.180887663	0.001712
TG(17:1_18:2_18:2)	1.62847	0.365393102	0.000708
TG(15:0_18:1_20:4)	1.55918	0.376642145	0.00076
TG(18:1_18:2_18:2)	1.57481	0.39480199	0.00017
TG(16:0_18:1_20:4)	1.56786	0.179774596	0.000001
TG(16:1_18:1_20:3)	1.37971	0.196765102	0.000003
TG(16:0_17:0_22:5)	1.41413	0.171163972	0.000048
TG(19:1_18:2_18:2)	1.15501	0.323858148	0.000264
TG(17:0_18:1_20:4)	1.50982	0.183759212	0.00003
TG(18:1_18:2_20:2)	1.35729	0.330441778	0.000017
TG(18:0_18:3_20:2)	1.45681	0.307219802	0.000072
TG(16:0_18:1_22:4)	1.51974	0.08110571	<0.000001
TG(18:0_18:1_20:4)	1.44894	0.213113847	<0.000001
TG(18:2_18:2_20:1)	1.53507	0.385786928	0.000713
TG(18:0_18:1_22:4)	1.49397	0.083184749	<0.000001
TG(18:2_18:2_22:1)	1.5643	0.40303532	0.00004
TG(18:1_18:2_22:2)	1.56007	0.342728078	0.000963
TG(16:0_18:1_24:4)	1.56458	0.117507351	<0.000001
TG(24:1_18:2_18:2)	1.57222	0.561176099	0.018311
TG(16:0_18:2_16:4)	1.56217	0.308110424	0.00126
TG(14:1_18:2_18:3)	1.55145	0.369655089	0.021063
TG(14:0_16:1_20:5)	1.45859	0.176084593	0.001509

TG(12:0_16:0_22:6)	1.37919	0.237255142	0.000574
TG(16:0_16:1_20:5)	1.25096	0.11481056	0.000498
TG(16:1_18:2_18:3)	1.47763	0.144878357	0.000061
TG(16:0_18:2_18:4)	1.45121	0.115862646	0.000124
TG(17:1_18:2_18:3)	1.59573	0.31749441	0.000106
TG(18:1_18:2_18:3)	1.44726	0.318290213	0.000103
TG(16:0_18:2_20:4)	1.50382	0.34229593	<0.000001
TG(16:0_16:1_22:5)	1.55775	0.123453279	0.00013
TG(16:0_16:0_22:6)	1.53709	0.13681087	<0.000001
TG(17:1_18:1_20:4)	1.50823	0.155293842	0.000011
TG(16:0_17:0_22:6)	1.43519	0.142991656	0.000007
TG(16:0_18:1_22:5)	1.50766	0.110400852	0.000012
TG(18:0_18:2_20:4)	1.4527	0.272424393	0.000023
TG(16:0_18:0_22:6)	1.55355	0.178285991	0.000005
TG(18:2_18:2_20:2)	1.18224	0.29639345	0.000111
TG(18:1_18:1_22:4)	1.30906	0.086987826	<0.000001
TG(18:0_18:0_22:6)	1.43273	0.118636977	0.000003
TG(18:0_18:1_22:5)	1.38021	0.124172368	0.000001
TG(18:1_18:1_24:4)	1.41275	0.125455843	0.000002
TG(14:0_18:3_20:4)	1.53748	0.218366702	0.000742
TG(16:1_16:1_20:5)	1.37118	0.22358867	0.000391
TG(16:2_18:2_18:3)	1.4665	0.449209184	0.01476
TG(15:0_16:1_22:6)	1.45862	0.139691877	0.000028
TG(18:2_18:2_18:3)	1.48589	0.33996924	0.001099
TG(16:0_18:2_20:5)	1.31642	0.242514511	0.000143
TG(16:0_16:1_22:6)	1.25601	0.142072265	0.000018
TG(18:1_18:2_18:4)	1.24061	0.190100125	0.000172
TG(15:0_18:1_22:6)	1.14531	0.201784601	0.00001
TG(18:1_18:2_20:4)	1.48811	0.401912241	0.000044
TG(16:0_18:1_22:6)	1.4375	0.199694522	0.000002
TG(16:1_16:1_24:5)	1.53059	0.158017031	0.000003
TG(17:0_18:1_22:6)	1.36089	0.209086225	0.000002
TG(18:0_18:1_22:6)	1.27461	0.131043447	0.000001
TG(18:1_18:2_22:4)	1.45405	0.192663364	0.000002
TG(16:0_20:2_22:5)	1.51662	0.158084476	0.000004
TG(19:0_18:1_22:6)	1.55872	0.261117836	0.000118
TG(14:1_16:1_22:6)	1.19265	0.349312977	0.000683
TG(18:2_18:3_18:3)	1.39701	0.30269127	0.004415
TG(16:1_16:1_22:6)	1.43516	0.198673634	0.000075
TG(16:0_18:2_22:6)	1.17166	0.307141553	0.000148
TG(16:1_18:1_22:6)	1.12041	0.196188329	<0.000001
TG(16:1_16:1_24:6)	1.31201	0.286191347	0.000162
TG(18:1_18:2_22:5)	1.12895	0.231634494	0.000003
TG(18:2_18:2_22:4)	1.26316	0.29951755	0.00021
TG(17:1_17:1_24:6)	1.52145	0.269581574	0.000028
TG(18:1_20:1_22:6)	1.50657	0.16044733	0.000152
TG(18:1_20:3_22:4)	1.14835	0.238592309	0.000004
TG(18:2_18:3_18:4)	1.03231	0.256379047	0.010195
TG(16:1_18:2_22:6)	1.29959	0.201723495	0.000237
TG(18:1_18:2_22:6)	1.24295	0.313018011	0.000345
TG(18:2_22:5_22:6)	1.44869	0.277193012	0.001851
Carnitine C21:2	1.18766	4.806698822	0.00003
Carnitine C18:3	1.01723	624.0925963	0.029717
Carnitine C22:6	1.57159	2.362263577	0.004598

PE(P-18:1_22:1)	1.43994	2.396601599	0.043854
PE(P-20:0_20:3)	1.49636	0.103334624	0.000164
PE(P-16:0_24:4)	1.45734	2.225841032	0.035579
PE(P-18:1_24:4)	1.04042	2.185727704	0.007686
PE(P-17:0_22:6)	1.25586	1.547841341	0.00362
PE(P-18:1_22:5)	1.08246	1.729738267	0.005532
PE(P-20:2_22:4)	1.40656	2.647597084	0.005788
PE(P-20:1_22:6)	1.33547	0.686435519	0.015516
DG(8:0_18:2)	1.35343	0.151440024	0.000045
DG(18:2_18:4)	1.55128	0.510609431	0.015349
Cer(t18:0/20:0(2OH))	1.62557	4.535464868	0.000131
BMP(18:1_20:4)	1.06273	2.21731339	0.006583
BMP(18:1_22:4)	1.25777	2.476244077	0.000074
BMP(18:2_20:4)	1.60551	2.142600601	0.030187
BMP(18:2_22:6)	1.35871	1.536203574	0.021233
DG(O-16:0_20:1)	1.42086	1001.755975	0.001653
TG(O-20:0_16:0_18:1)	1.4089	0.281718044	0.000167
LPC(16:3)	1.07434	0.678565051	0.013178
Cer(t20:2/38:2(2OH))	1.37009	0.137192229	0.000053
Cer(t20:2/40:2(2OH))	1.49018	0.205242229	0.000043
Cer(d22:0/21:1)	1.33416	0.44275539	0.025015
Cer(d16:1/24:2)	1.46686	3.154306372	0.000448
Cer(d17:1/16:0)	1.38241	1.759411928	0.000952
Cer(d17:1/24:0)	1.51886	1.877097561	0.001958
Cer(d17:1/24:1)	1.48379	1.780451646	0.000002
Cer(d18:1/15:0)	1.44454	2.927249511	0.000294
Cer(d18:1/22:2)	1.57062	2.286456808	0.000018
Cer(d18:1/23:1)	1.288	1.73053758	0.00104
Cer(d18:1/24:2)	1.14508	2.955936385	<0.000001
Cer(d18:1/26:2)	1.12563	2.282698711	0.007426
Cer(d18:2/22:1)	1.39678	1.364196289	0.04082
Cer(d18:2/24:2)	1.49359	2.823200792	0.000064
Cer(d18:2/25:0)	1.30802	0.815249288	0.03207
Cer(d19:1/16:0)	1.16976	1.869861601	0.008936
Cer(d19:1/22:0)	1.15231	1.865376944	0.000386
Cer(d19:1/23:0)	1.49939	1.583767939	0.027042
Cer(d19:1/24:1)	1.39182	2.235388103	0.000104
Cer(d20:1/22:1)	1.48683	2.416811284	0.025337
Cer(d20:1/23:1)	1.3446	10.91719359	0.042178
Cer(d20:1/25:0)	1.48382	0.589307874	0.030273
HexCer(t15:0/16:2(2OH))	1.26317	0.446686193	0.013294
HexCer(t17:2/34:2(2OH))	1.32958	0.548278062	0.046872
HexCer(t17:2/40:1(2OH))	1.4463	0.157466507	0.000909
HexCer(t17:2/42:1(2OH))	1.568	0.342737908	0.000053
HexCer(t18:1/20:1(2OH))	1.44519	1.235883432	0.042953
HexCer(t23:2/15:1(2OH))	1.46294	0.40246335	0.001043
HexCer(d17:1/16:0)	1.54922	1.580932817	0.007728
HexCer(d18:1/22:2)	1.48569	2.468664586	0.000004
HexCer(d18:1/23:1)	1.52217	1.604846592	0.00145
HexCer(d18:1/26:2)	1.54864	2.811440415	0.002002
TG(12:0_18:1_22:6)	1.54869	0.14569022	0.000108
TG(13:0_16:0_22:6)	1.18676	0.36767784	0.000138
TG(13:0_18:1_22:6)	1.34207	0.19867344	0.00001
TG(13:0_20:2_20:5)	1.57886	0.393870976	0.000707

TG(15:0_18:2_22:5)	1.56037	0.231236605	0.000089
TG(14:0_18:2_18:4)	1.32805	0.180909537	0.002508
TG(14:0_20:4_22:6)	1.17931	0.191596294	0.00006
TG(14:1_18:2_20:4)	1.58022	0.407524791	0.000578
TG(15:0_18:0_18:1)	1.12984	0.188952218	0.000179
TG(14:0_17:2_18:2)	1.13318	0.503578668	0.014295
TG(16:0_16:2_18:3)	1.27169	0.23848451	0.002797
TG(16:0_18:5_20:5)	1.47712	0.150532731	0.012412
TG(16:0_19:1_20:2)	1.12275	0.109073547	0.000036
TG(16:0_20:0_22:6)	1.43114	0.126953607	0.000057
TG(16:0_20:2_22:6)	1.09446	0.231437307	0.000019
TG(18:0_16:1_20:1)	1.25495	0.196767335	0.000074
TG(18:1_17:2_19:2)	1.13709	0.353187341	0.004333
TG(16:1_16:2_18:2)	1.12387	0.282127283	0.001793
TG(16:1_18:1_20:5)	1.14236	0.114271601	0.000002
TG(17:0_18:1_20:1)	1.46103	0.130652013	0.000033
TG(18:0_20:2_18:3)	1.42312	0.191416531	<0.000001
TG(17:1_19:2_19:2)	1.22701	0.183854158	0.000021
TG(17:2_18:2_22:6)	1.52993	0.326212325	0.005125
TG(18:1_20:2_18:3)	1.04967	0.192624384	0.000005
TG(20:0_18:3_18:3)	1.31609	0.264249459	0.000063
TG(20:1_18:2_18:3)	1.39841	0.275389944	0.00001
TG(18:0_18:2_20:2)	1.36925	0.192135503	<0.000001
TG(20:1_18:3_18:3)	1.3859	0.241273728	0.000016
TG(18:0_20:3_22:6)	1.35891	0.158051387	0.003508
TG(18:0_16:1_24:6)	1.25008	0.147995087	0.000005
TG(18:1_18:2_19:2)	1.19448	0.207388379	0.00002
TG(18:1_18:2_22:3)	1.35145	0.107457933	<0.000001
TG(18:1_18:2_24:5)	1.25858	0.235040002	0.000006

supplemental Table 4

	Liver				hippocampus			
	immobility time		total distance		immobility time		total distance	
	cor	p value	cor	p value	cor	p value	cor	p value
DG(16:0_20:1)	0.573	0.051	-0.483	0.112	0.494	0.103	-.606*	0.037
DG(16:0_20:2)	0.562	0.057	-0.466	0.127	0.385	0.216	-0.291	0.359
DG(18:0_20:3)	.636*	0.026	-0.406	0.191	0.553	0.062	-0.501	0.097
DG(18:0_20:4)	0.401	0.197	-0.147	0.649	0.517	0.085	-.580*	0.048
DG(18:0_22:4)	0.182	0.572	-0.469	0.124	0.483	0.112	-0.441	0.152
LPC(0:0/18:1)	0.533	0.074	-0.448	0.145	0.524	0.08	-.671*	0.017
LPC(20:0/0:0)	.639*	0.025	-0.559	0.059	0.552	0.063	-0.559	0.059
LPC(20:1/0:0)	0.427	0.166	-0.51	0.09	0.427	0.167	-0.531	0.075
PC(O-20:1_20:4)	0.259	0.416	-0.517	0.085	0.245	0.443	-.713**	0.009
PE(O-18:0_16:0)	0.48	0.114	-0.322	0.308	0.427	0.167	-0.552	0.063
PE(O-18:0_22:6)	0.435	0.158	-0.406	0.191	0.483	0.112	-0.538	0.071
PE(O-20:0_18:1)	0.559	0.059	-0.427	0.167	0.503	0.095	-.608*	0.036
PE(O-20:0_22:4)	0.483	0.111	-.704*	0.011	0.343	0.276	-0.357	0.255
PE(O-20:2_22:6)	.580*	0.048	-0.434	0.159	0.448	0.145	-.615*	0.033
PE(P-20:0_20:3)	0.452	0.14	-0.513	0.088	0.552	0.063	-0.573	0.051
PE(P-20:1_22:6)	.613*	0.034	-0.35	0.265	0.287	0.366	-.748**	0.005
PS(18:0_20:0)	.625*	0.03	-0.399	0.199	0.455	0.138	-0.42	0.175
TG(16:0_14:1_18:2)	.697*	0.012	-0.417	0.178	0.343	0.276	-.587*	0.045
TG(16:0_16:1_22:6)	.732**	0.007	-0.273	0.391	0.277	0.384	-0.434	0.158
TG(16:0_18:0_20:1)	.720**	0.008	-0.427	0.167	0.378	0.225	-0.077	0.812
TG(16:0_18:2_18:3)	.820**	0.001	-0.42	0.175	-0.41	0.186	-0.109	0.737
TG(16:0_18:2_20:5)	.817**	0.001	-0.301	0.342	-0.154	0.633	0.448	0.145
TG(16:1_16:1_18:1)	.657*	0.02	-0.427	0.167	0.462	0.131	-0.245	0.443
TG(16:1_18:2_18:3)	.713**	0.009	-0.538	0.071	-.590*	0.044	0.53	0.076
TG(17:0_18:1_18:1)	.713**	0.009	-0.49	0.106	-0.326	0.301	0.08	0.805