

1 ORIGINAL RESEARCH

2 Jensen *et al*

3 **Routine clinical care creatinine data in Denmark – An**
4 **epidemiological resource for nationwide population-**
5 **based studies of kidney disease**

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9 Supplementary material

10 **Tables**

11 **Table S1. Time points when complete reporting was achieved by region and**
 12 **municipality using the combined creatinine data from the Clinical Laboratory**
 13 **Information System Research Database (LABKA) and the Register of Laboratory**
 14 **Results for Research (RLRR)**

Region	Municipality	The month in which ≥8% of individuals with diabetes are tested	The month in which coverage is considered complete
Capital Region of Denmark	Overall	09-2014	10-2014
Capital Region of Denmark	Albertslund	02-2010	10-2014
Capital Region of Denmark	Allerød	09-2014	10-2014
Capital Region of Denmark	Ballerup	02-2010	10-2014
Capital Region of Denmark	Bornholm	09-2014	10-2014
Capital Region of Denmark	Brøndby	02-2010	10-2014
Capital Region of Denmark	Dragør	02-2010	10-2014
Capital Region of Denmark	Egedal	09-2014	10-2014
Capital Region of Denmark	Fredensborg	09-2014	10-2014
Capital Region of Denmark	Frederiksberg	09-2014	10-2014
Capital Region of Denmark	Frederikssund	09-2014	10-2014
Capital Region of Denmark	Furesø	10-2013	10-2014
Capital Region of Denmark	Gentofte	11-2010	10-2014
Capital Region of Denmark	Gladsaxe	02-2010	10-2014
Capital Region of Denmark	Glostrup	02-2010	10-2014
Capital Region of Denmark	Gribskov	09-2014	10-2014
Capital Region of Denmark	Halsnæs	09-2014	10-2014
Capital Region of Denmark	Helsingør	09-2014	10-2014
Capital Region of Denmark	Herlev	02-2010	10-2014
Capital Region of Denmark	Hillerød	09-2014	10-2014
Capital Region of Denmark	Hvidovre	01-2010	10-2014
Capital Region of Denmark	Høje-Taastrup	02-2010	10-2014
Capital Region of Denmark	Hørsholm	09-2014	10-2014
Capital Region of Denmark	Ishøj	02-2010	10-2014
Capital Region of Denmark	København	01-2010	10-2014
Capital Region of Denmark	Lyngby-Tårnbæk	02-2010	10-2014
Capital Region of Denmark	Rudersdal	10-2013	10-2014
Capital Region of Denmark	Rødovre	02-2010	10-2014
Capital Region of Denmark	Tårnby	01-2010	10-2014
Capital Region of Denmark	Vallensbæk	02-2010	10-2014
Region of Southern Denmark	Overall	09-2015	10-2015
Region of Southern Denmark	Assens	09-2015	10-2015

Region of Southern Denmark	Billund	09-2015	10-2015
Region of Southern Denmark	Esbjerg	09-2015	10-2015
Region of Southern Denmark	Fanø	09-2015	10-2015
Region of Southern Denmark	Fredericia	09-2015	10-2015
Region of Southern Denmark	Faaborg-Midtfyn	09-2015	10-2015
Region of Southern Denmark	Haderslev	09-2015	10-2015
Region of Southern Denmark	Kerteminde	09-2015	10-2015
Region of Southern Denmark	Kolding	09-2015	10-2015
Region of Southern Denmark	Langeland	09-2015	09-2015
Region of Southern Denmark	Middelfart	09-2015	10-2015
Region of Southern Denmark	Nordfyns	09-2015	10-2015
Region of Southern Denmark	Nyborg	09-2015	09-2015
Region of Southern Denmark	Odense	09-2015	10-2015
Region of Southern Denmark	Svendborg	09-2015	09-2015
Region of Southern Denmark	Sønderborg	09-2015	10-2015
Region of Southern Denmark	Tønder	09-2015	10-2015
Region of Southern Denmark	Varde	09-2015	10-2015
Region of Southern Denmark	Vejen	09-2015	10-2015
Region of Southern Denmark	Vejle	09-2015	10-2015
Region of Southern Denmark	Ærø	09-2015	09-2015
Region of Southern Denmark	Aabenraa	09-2015	10-2015
Region Zealand	Overall	02-2014	02-2014
Region Zealand	Faxe	02-2014	02-2014
Region Zealand	Greve	02-2014	02-2014
Region Zealand	Guldborgsund	02-2014	02-2014
Region Zealand	Holbæk	02-2014	02-2014
Region Zealand	Kalundborg	02-2014	02-2014
Region Zealand	Køge	02-2014	02-2014
Region Zealand	Lejre	02-2014	02-2014
Region Zealand	Lolland	02-2014	02-2014
Region Zealand	Næstved	02-2014	02-2014
Region Zealand	Odsherred	02-2014	02-2014
Region Zealand	Ringsted	02-2014	02-2014
Region Zealand	Roskilde	02-2014	02-2014
Region Zealand	Slagelse	02-2014	02-2014
Region Zealand	Solrød	02-2014	02-2014
Region Zealand	Sorø	02-2014	02-2014
Region Zealand	Stevns	02-2014	02-2014
Region Zealand	Vordingborg	02-2014	02-2014
Central Denmark Region	Overall	11-2009	11-2009
Central Denmark Region	Favrskov	03-2000	07-2000
Central Denmark Region	Hedensted	01-2009	01-2009
Central Denmark Region	Herning	03-2006	07-2006
Central Denmark Region	Holstebro	03-2006	07-2006
Central Denmark Region	Horsens	11-2009	11-2009
Central Denmark Region	Ikast-Brande	03-2006	07-2006

Central Denmark Region	Lemvig	04-2006	07-2006
Central Denmark Region	Norddjurs	04-2000	05-2000
Central Denmark Region	Odder	11-2009	11-2009
Central Denmark Region	Randers	04-2000	05-2000
Central Denmark Region	Ringkøbing-Skjern	04-2006	04-2006
Central Denmark Region	Samsø	11-2003	08-1995
Central Denmark Region	Silkeborg	05-1995	08-1995
Central Denmark Region	Skanderborg	08-1995	08-1995
Central Denmark Region	Skive	10-2004	11-2004
Central Denmark Region	Struer	03-2006	06-2006
Central Denmark Region	Syddjurs	04-2000	05-2000
Central Denmark Region	Viborg	10-2004	11-2004
Central Denmark Region	Århus	06-1995	08-1995
North Denmark Region	Overall	10-2004	11-2004
North Denmark Region	Aalborg	04-1997	08-1997
North Denmark Region	Brønderslev- Dronninglund	11-1996	01-1997
North Denmark Region	Frederikshavn	10-1996	07-1997
North Denmark Region	Hjørring	11-1996	01-1997
North Denmark Region	Jammerbugt	01-1997	07-1997
North Denmark Region	Læsø	01-1999	07-1997
North Denmark Region	Mariagerfjord	08-1997	08-1997
North Denmark Region	Morsø	10-2004	11-2004
North Denmark Region	Rebild	04-1997	07-1997
North Denmark Region	Thisted	10-2004	11-2004
North Denmark Region	Vesthimmerlands	04-1997	10-1997

16 **Table S2. Time points when complete reporting was achieved by region and**
17 **municipality using creatinine data from the Register of Laboratory Results for**
18 **Research (RLRR)**

Region	Municipality	The month in which ≥8% of individuals with diabetes are tested	The month in which coverage is considered complete
Capital Region of Denmark	Overall	09-2014	10-2014
Capital Region of Denmark	Albertslund	02-2010	10-2014
Capital Region of Denmark	Allerød	09-2014	10-2014
Capital Region of Denmark	Ballerup	02-2010	10-2014
Capital Region of Denmark	Bornholm	09-2014	10-2014
Capital Region of Denmark	Brøndby	02-2010	10-2014
Capital Region of Denmark	Dragør	02-2010	10-2014
Capital Region of Denmark	Egedal	09-2014	10-2014
Capital Region of Denmark	Fredensborg	09-2014	10-2014
Capital Region of Denmark	Frederiksberg	09-2014	10-2014
Capital Region of Denmark	Frederikssund	09-2014	10-2014
Capital Region of Denmark	Furesø	10-2013	10-2014
Capital Region of Denmark	Gentofte	11-2010	10-2014
Capital Region of Denmark	Gladsaxe	02-2010	10-2014
Capital Region of Denmark	Glostrup	02-2010	10-2014
Capital Region of Denmark	Gribskov	09-2014	10-2014
Capital Region of Denmark	Halsnæs	09-2014	10-2014
Capital Region of Denmark	Helsingør	09-2014	10-2014
Capital Region of Denmark	Herlev	02-2010	10-2014
Capital Region of Denmark	Hillerød	09-2014	10-2014
Capital Region of Denmark	Hvidovre	01-2010	10-2014
Capital Region of Denmark	Høje-Taastrup	02-2010	10-2014
Capital Region of Denmark	Hørsholm	09-2014	10-2014
Capital Region of Denmark	Ishøj	02-2010	10-2014
Capital Region of Denmark	København	01-2010	10-2014
Capital Region of Denmark	Lyngby-Tårnbæk	02-2010	10-2014
Capital Region of Denmark	Rudersdal	10-2013	10-2014
Capital Region of Denmark	Rødovre	02-2010	10-2014
Capital Region of Denmark	Tårnby	01-2010	10-2014
Capital Region of Denmark	Vallensbæk	02-2010	10-2014
Region of Southern Denmark	Overall	09-2015	10-2015
Region of Southern Denmark	Assens	09-2015	10-2015
Region of Southern Denmark	Billund	09-2015	10-2015
Region of Southern Denmark	Esbjerg	09-2015	10-2015
Region of Southern Denmark	Fanø	09-2015	10-2015
Region of Southern Denmark	Fredericia	09-2015	10-2015
Region of Southern Denmark	Faaborg-Midtfyn	09-2015	10-2015
Region of Southern Denmark	Haderslev	09-2015	10-2015
Region of Southern Denmark	Kerteminde	09-2015	10-2015

Region of Southern Denmark	Kolding	09-2015	10-2015
Region of Southern Denmark	Langeland	09-2015	09-2015
Region of Southern Denmark	Middelfart	09-2015	10-2015
Region of Southern Denmark	Nordfyns	09-2015	10-2015
Region of Southern Denmark	Nyborg	09-2015	09-2015
Region of Southern Denmark	Odense	09-2015	10-2015
Region of Southern Denmark	Svendborg	09-2015	09-2015
Region of Southern Denmark	Sønderborg	09-2015	10-2015
Region of Southern Denmark	Tønder	09-2015	10-2015
Region of Southern Denmark	Varde	09-2015	10-2015
Region of Southern Denmark	Vejen	09-2015	10-2015
Region of Southern Denmark	Vejle	09-2015	10-2015
Region of Southern Denmark	Ærø	09-2015	09-2015
Region of Southern Denmark	Aabenraa	09-2015	10-2015
Region Zealand	Overall	02-2014	02-2014
Region Zealand	Faxe	02-2014	02-2014
Region Zealand	Greve	02-2014	02-2014
Region Zealand	Guldborgsund	02-2014	02-2014
Region Zealand	Holbæk	02-2014	02-2014
Region Zealand	Kalundborg	02-2014	02-2014
Region Zealand	Køge	02-2014	02-2014
Region Zealand	Lejre	02-2014	02-2014
Region Zealand	Lolland	02-2014	02-2014
Region Zealand	Næstved	02-2014	02-2014
Region Zealand	Odsherred	02-2014	02-2014
Region Zealand	Ringsted	02-2014	02-2014
Region Zealand	Roskilde	02-2014	02-2014
Region Zealand	Slagelse	02-2014	02-2014
Region Zealand	Solrød	02-2014	02-2014
Region Zealand	Sorø	02-2014	02-2014
Region Zealand	Stevns	02-2014	02-2014
Region Zealand	Vordingborg	02-2014	02-2014
Central Denmark Region	Overall	03-2011	04-2011
Central Denmark Region	Favrskov	09-2010	10-2010
Central Denmark Region	Hedensted	10-2010	10-2010
Central Denmark Region	Herning	01-2008	01-2008
Central Denmark Region	Holstebro	01-2008	01-2008
Central Denmark Region	Horsens	09-2010	10-2010
Central Denmark Region	Ikast-Brande	01-2008	01-2008
Central Denmark Region	Lemvig	01-2008	01-2008
Central Denmark Region	Norddjurs	09-2010	10-2010
Central Denmark Region	Odder	09-2010	10-2010
Central Denmark Region	Randers	09-2010	10-2010
Central Denmark Region	Ringkøbing-Skjern	01-2008	01-2008
Central Denmark Region	Samsø	09-2010	10-2010
Central Denmark Region	Silkeborg	09-2010	10-2010

Central Denmark Region	Skanderborg	09-2010	10-2010
Central Denmark Region	Skive	03-2011	04-2011
Central Denmark Region	Struer	01-2008	01-2008
Central Denmark Region	Syddjurs	09-2010	10-2010
Central Denmark Region	Viborg	03-2011	04-2011
Central Denmark Region	Århus	09-2010	10-2010
North Denmark Region	Overall	12-2013	01-2014
North Denmark Region	Aalborg	12-2013	01-2014
North Denmark Region	Brønderslev- Dronninglund	12-2013	01-2014
North Denmark Region	Frederikshavn	12-2013	01-2014
North Denmark Region	Hjørring	12-2013	01-2014
North Denmark Region	Jammerbugt	12-2013	01-2014
North Denmark Region	Læsø	12-2013	01-2014
North Denmark Region	Mariagerfjord	12-2013	01-2014
North Denmark Region	Morsø	12-2013	01-2014
North Denmark Region	Rebild	12-2013	01-2014
North Denmark Region	Thisted	12-2013	01-2014
North Denmark Region	Vesthimmerlands	12-2013	01-2014

20 **Table S3. Annual proportions of individuals with a recorded creatinine test**

	North Denmark Region	Central Denmark Region	Capital Region of Denmark	Region of Southern Denmark	Region Zealand	Denmark
2008	34.0%	26.4%	2.4%	0.3%	0.2%	10.4%
2009	34.6%	29.2%	10.3%	0.6%	1.2%	13.6%
2010	31.9%	31.6%	22.7%	0.6%	1.9%	17.8%
2011	35.9%	32.5%	26.1%	0.6%	2.3%	19.6%
2012	36.8%	33.6%	28.4%	0.7%	2.7%	20.7%
2013	37.5%	34.5%	26.3%	0.7%	2.3%	20.3%
2014	38.7%	35.9%	31.2%	8.1%	36.0%	28.8%
2015	39.4%	36.5%	33.5%	22.3%	39.6%	33.3%
2016	40.4%	37.0%	33.7%	40.9%	40.3%	37.6%
2017	40.9%	37.3%	34.2%	41.3%	40.5%	38.0%
2018	41.6%	37.9%	35.1%	41.8%	40.9%	38.6%

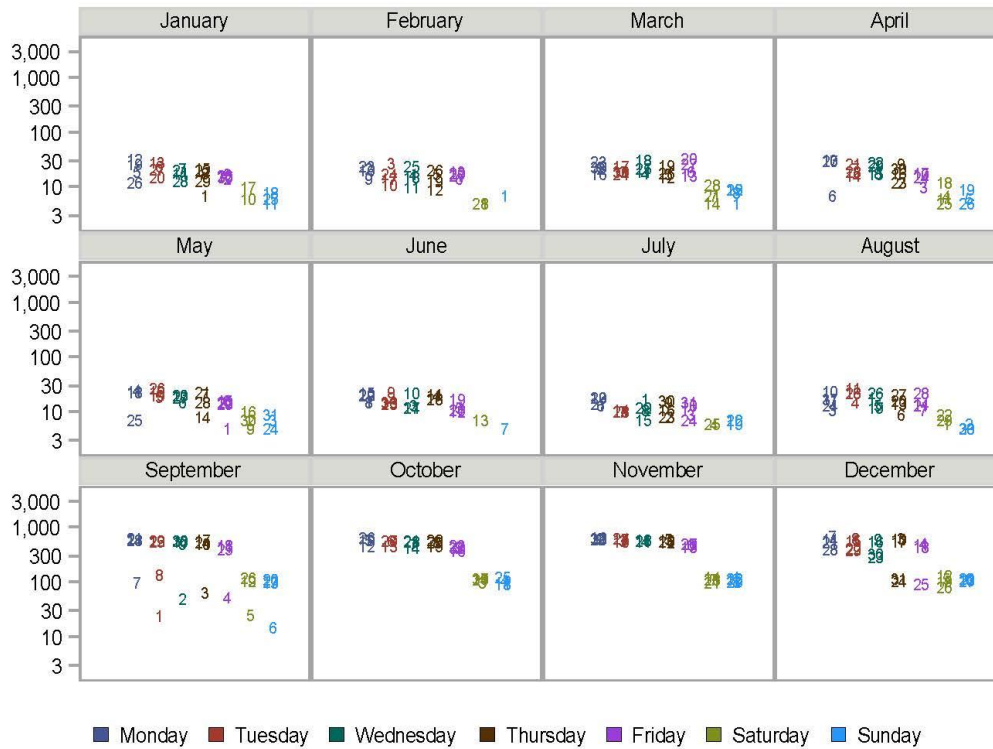
21 **Note:**

22 The color of the field illustrates if the geographical coverage was considered complete (green)

23 or incomplete (orange) in the given year.

24 **Figure**

25 **Figure S1. Typical pattern of reporting (municipality of Vejle in 2015).**



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27 **Note:**

28 The numbers in the panels indicate the date of each month and the color of the number
29 indicates the day of the week. The position on the y-axis indicates the number of tests
30 performed on a given date. Here we considered November to be the first month with complete
31 reporting throughout. Note that due to the Christmas holidays there is an expected drop in
32 testing in late December.