Forecasted deaths (grey) vs actual deaths (blue) Female, February 2007 to January 2012 1-4 5-9 25 -20 -7.5 **-**7.5 **-**15 5.0 -5.0 10 2.5 2.5 0 -10-14 20-24 15-19 15 -6 -15 **-**10 -4 -10 25-29 30-34 35-39 25 -25 20 -20 -20 15 **-**15 -15 10-10-0 -40-44 45-49 50-54 40 -20 30 10 -10 0 -0 -0 55-59 60-64 65-69 100 -60 -75 **-**40 50 20 25 **-**25 -0 -0 -0 70-74 80-84 75-79 150 -200 100 100 100 50 -50 -0 -0 0 85-89 90-94 95+ 300 -150 **-**300 -200 200 100 -100 -50 0 -0 2008 2010 2012 2008 2010 2012 2008 2010 2012

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2007 to January 2012 1-4 5-9 7.5 **-**7.5 **-**20 -5.0 -5.0 -10 0.0 -0 -10-14 15-19 20-24 25 25 7.5 **-**20 20 15 -15 5.0 -2.5 0 -0.0 0 25-29 30-34 35-39 20 -20 -20 15 -15 **-**10 0 -0 -0 40-44 45-49 50-54 50 -60 30 -40 20 20 -20 10 -10 -0 -0 -0 55-59 60-64 65-69 80 -60 60 40 50 30 -20 -0 -0 -70-74 80-84 75-79 200 250 200 150 200 150 100 100 -100 50 -50 -0 -0 -0 85-89 90-94 95+ 150 -200 -40 -100 100 -50 -0 -0 -2010 2008 2010 2012 2008 2012 2008 2010 2012

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2008 to January 2013 1-4 5-9 20 -7.5 -7.5 **-**15 -5.0 -5.0 -5 -0 -0.0 10-14 20-24 15-19 12.5 -6 -10.0 -15 -4 -7.5 10 -2 -30-34 25-29 35-39 25 -25 -20 -20 -20 -15 **-**15 -15 -10 -10-0 -0 -40-44 45-49 50-54 40 -30 -20 -10 -10 -0 -0 -0 -55-59 60-64 65-69 100 -60 -75 -40 50 20 25 -25 -0 -0 -0 -70-74 75-79 80-84 200 100 100 -100 -50 -50 -0 0 -0 -95+ 85-89 90-94 300 -150 -300 -200 -100 -200 100 -100 -50 -0 **-** 2008 0 **-** 2008 0 -2008 2010 2012 2010 2012 2010 2012

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2008 to January 2013 1-4 5-9 12.5 -10.0 -7.5 **-**20 -7.5 -5.0 -5.0 -10 -2.5 -0.0 0 -10-14 15-19 20-24 20 -7.5 -20 -15 -5.0 -10 10 2.5 0.0 0 -0 -30-34 35-39 25-29 20 -20 -20 -15 **-**15 10 10 5 -0 -0 -0 -40-44 45-49 50-54 50 30 -60 **-**40 20 · 20 -10 -20 -10 -0 -0 -0 -55-59 60-64 65-69 120 -150 **-**80 -90 60 100 60 -40 50 -20 -30 -0 -0 -0 -70-74 75-79 80-84 250 -300 -200 -200 -150 -200 -150 -100 -100 -100 -50 **-**50 -0 -0 -0 -85-89 90-94 95+ 300 150 **-**200 40 -100 -100 -50 -0 **- .** 2008 0 **-** 2008 0 -2010 2012 2010 2012 2008 2010 2012

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2009 to January 2014 1-4 5-9 20 -7.5 **-**7.5 -15 -5.0 -5.0 -0 -10-14 15-19 20-24 12.5 -6 -10.0 -15 -7.5 -10 -5.0 -2 -25-29 30 - 3425 -25 -20 -20 -20 -15 **-**15 -15 -10 -10 -0 -40-44 45-49 50-54 30 -20 10 -10 -0 -0 -0 -55-59 60-64 65-69 60 -75 -90 -40 20 -25 -30 -0 -0 -0 -70-74 75-79 80-84 150 200 100 100 -100 -50 -50 -0 -0 0 -85-89 90-94 95+ 300 150 **-**300 -200 -100 -200 -100 -100 -50 -0 -0 -0 -2010 2012 2014 2010 2012 2014 2010 2012 2014

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2009 to January 2014 1-4 5-9 25 -20 -7.5 **-**7.5 -15 5.0 -5.0 -10 2.5 5 -0.0 -0 -10-14 15-19 20-24 20 -7.5 **-**20 15 5.0 -0 0.0 0 25-29 30-34 35-39 20 -20 -20 15 **-**15 10 10 0 -0 -0 40-44 45-49 50-54 60 30 -40 30 20 20 -20 10 -10-0 -0 -0 65-69 55-59 60-64 150 **-**75 -100 50 -60 50 25 **-**30 -0 -0 -0 70-74 75-79 80-84 200 -250 300 200 150 200 150 100 -100 -100 50 **-**50 -0 -0 -0 85-89 90-94 95+ 150 -200 100 100 -50 -0 -0 -2010 2012 2014 2010 2012 2014 2010 2012 2014

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2010 to January 2015 1-4 5-9 6 -20 -7.5 **-**15 -4 -5.0 -2 -2.5 -0 -10-14 15-19 20-24 12.5 -6 -10.0 -15**-**4 -7.5 -10 -5.0 2 -30-34 25-29 35-39 25 -25 -20 -20 -20 -15 **-**15 -15 -10-10-0 -40-44 45-49 50-54 30 -20 10 -10 -0 -0 -0 -55-59 60-64 65-69 60 **-**75 -90 40 -20 -25 **-**30 -0 -0 -0 -70-74 75-79 80-84 150 -200 100 100 -100 -50 -50 -0 0 0 -85-89 95+ 90-94 300 -150 -300 -200 -100 -200 -100 -50 -100 -0 **-** 2010 0 **-** 2010 0 **-**2010 2012 2014 2012 2014 2012 2014

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2010 to January 2015 1-4 5-9 25 20 -7.5 -7.5 **-**15 5.0 -5.0 -10 5 -0 -0.0 -10-14 20-24 15-19 20 -7.5 -20 15 -5.0 -0 -0.0 0 30-34 25-29 35-39 25 20 -20 15 -15 -10 0 -0 -0 40-44 45-49 50-54 30 -60 20 20 10-20 10 -0 -0 -0 55-59 60-64 65-69 80 -150 -60 100 60 -50 30 -20 -0 -0 -0 70-74 75-79 80-84 300 200 -200 150 -200 150 100 100 -100 50 -50 -0 -0 -0 85-89 90-94 95+ 300 -150 **-**200 100 -100 -50 -0 **-** 2010 0 -0 -2010 2012 2010 2012 2014 2014 2012 2014

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2011 to January 2016 1-4 5-9 6 -20 -7.5 -15 -4 -5.0 -2.5 -0 -0.0 10-14 15-19 20-24 12.5 -6 -10.0 -15 -4 -7.5 **-**10 -25-29 30-34 35-39 25 **-**25 -20 -20 -20 15 **-**15 -15 -10 -10-0 -40-44 45-49 50-54 40 -30 -20 -20 10 -10 -0 -0 -0 -55-59 60-64 65-69 60 **-**75 40 60 -20 · 25 -30 -0 -0 -0 -70-74 75-79 80-84 150 -200 100 100 -100 -50 **-**50 -0 -0 0. 85-89 90-94 95+ 300 -150 -300 -200 -100 -200 100 -100 -50 -0 -0 -0 -2012 2014 2016 2012 2014 2016 2012 2014 2016

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2011 to January 2016 1-4 5-9 25 6 -20 -7.5 4 -15 5.0 -10 2 -5 -0.0 -0 -10-14 20-24 15-19 7.5 -15 -20 -5.0 -10 2.5 0.0 0 0 25-29 30-34 35-39 25 20 -15 -20 15 10 0 -0 -0 40-44 45-49 50-54 30 -40 60 -30 20 20 10 -20 10 -0 -0 -0 55-59 60-64 65-69 150 -80 -60 100 60 -40 50 30 -20 -0 -0 -70-74 80-84 75-79 200 -150 200 150 100 -100 -100 50 -50 -0 -0 0 85-89 90-94 95+ 150 **-**200 100 -100 -50 -0 -0 -2016 2012 2014 2016 2012 2014 2016 2012 2014

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2012 to January 2017 1-4 5-9 6 -20 -7.5 15 **-**4 -5.0 -2.5 -0 -0.0 -10-14 15-19 20-24 12.5 12.5 -6 -10.0 -10.0 -4 -7.5 -7.5 -5.0 5.0 35-39 25-29 30-34 12.5 -15 · 10.0 -15 -10 -7.5 -10 0 -40-44 50-54 45-49 40 -30 · 20 -20 . 10 -0 -0 -0 -55-59 60-64 65-69 125 -80 -60 **-**100 -75 40 50 20 20 -25 -0 0 -0 -70-74 75-79 80-84 250 -200 100 150 -100 100 -50 -50 -50 -0 -0 0 -95+ 85-89 90-94 300 -150 -300 -200 -100 -200 100 -100 -50 -0 **-**2012 0 -0 -2014 2016 2014 2016 2014 2016 2012 2012

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2012 to January 2017 1-4 5-9 25 6 -20 -7.5 **-**5.0 -10 5 -0 -10-14 15-19 20-24 7.5 -15 -20 -5.0 -2.5 0.0 0 25-29 30-34 35-39 25 20 -20 -20 15 **-**15 **-**15 10 0 -0 -0 40-44 45-49 50-54 40 30 -60 30 20 20 10 -20 10 -0 -0 -0 55-59 60-64 65-69 80 -150 -60 100 60 **-**40 50 30 -20 -0 -70-74 75-79 80-84 200 150 150 100 -100 -100 50 -50 -0 -0 -0 90-94 95+ 85-89 300 -60 -150 -200 100 100 -50 **-**0 **-** 2012 0 -0 -2014 2016 2012 2014 2016 2014 2016 2012

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2013 to January 2018 1-4 5-9 6 -7.5 **-**15 **-**4 -5.0 -10 2 -2.5 0 -10-14 15-19 20-24 12.5 12.5 -6 -10.0 -10.0 -4 -7.5 -7.5 **-**5.0 5.0 -25-29 30-34 35-39 12.5 12.5 -10.0 -10.0 -15 -7.5 -7.5 -10 5.0 5.0 0.0 0 -40-44 50-54 40 -50 -30 · 20 -20 20 -10 -10-0 -0 -0 -55-59 60-64 65-69 60 -80 . 40 -60 20 -30 -20 . 0 0 -0 -70-74 75-79 80-84 200 -150 -200 100 100 -100 -50 -50 -0 -0 0 90-94 95+ 85-89 300 -300 150 **-**200 200 100 -100 -100 -50 -0 -0 0 -2014 2016 2018 2014 2016 2018 2016 2018

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2013 to January 2018 1-4 5-9 25 -6 -20 -7.5 -4 -15 -5.0 -10 0 -10-14 15-19 20-24 7.5 -15 **-**20 -5.0 -2.5 0.0 0 30-34 35-39 25-29 20 -20 -20 15 **-**15 **-**15 10 0 -0 -0 40-44 45-49 50-54 30 -40 60 20 -20 -10 -20 10 -0 -0 -0 55-59 60-64 65-69 150 80 -60 100 60 40 50 30 -20 -0 -0 70-74 75-79 80-84 200 250 -200 -150 150 -100 100 -100 50 -50 -0 -0 -0 85-89 90-94 95+ 200 -300 -60 150 -200 -100 -50 -20 0 -0 -0 2018 2016 2014 2016 2018 2014 2016 2014 2018

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2014 to January 2019 1-4 5-9 6 -7.5 **-**15**-**4 -5.0 -10 -2 -2.5 -0 -0.0 -10-14 15-19 20-24 12.5 -12.5 -6 -10.0 -10.0 -4 -7.5 **-**7.5 **-**5.0 -2 -30-34 25-29 35-39 12.5 -15**-**10.0 -15 -10-7.5 -10 5.0 5 -0.0 0 -40-44 45-49 50-54 25 -40 -50 -20 40 30 -15 20 10 -20 -10-5 -10-0 -0 -0 -65-69 55-59 60-64 80 -60 -90 40 60 -40 -20 -30 -20 -0 -0 -70-74 75-79 80-84 150 -200 -150 200 100 100 -100 -50 -50 -0 0 -0 -90-94 85-89 95+ 200 -300 -300 -150 -200 -200 100 -100 -100 -50 -0 **-** 2014 0 **- 1** 2014 0 **-** 2014 2016 2018 2016 2018 2016 2018

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2014 to January 2019 1-4 5-9 6 -20 -7.5 -15 -5.0 -5 -0.0 -0 -10-14 15-19 20-24 25 7.5 -15 -20 15 5.0 -10 -2.5 0.0 0 -0 30-34 25-29 35-39 20 -20 -20 15 **-**15 **-**15 10 10 0 -0 -0 40-44 45-49 50-54 30 -40 60 **-**30 20 20 10 20 10 -0 -0 -0 55-59 60-64 65-69 150 75 -100· 50 -60 50 25 **-**30 -0 -0 -70-74 75-79 80-84 250 -200 -200 150 -150 -100 -100 -100 50 -50 -0 -0 -0 85-89 90-94 95+ 300 -200 -60 -150 200 -100 100 -20 50 -0 **-** 2014 0 -0 -2016 2014 2016 2018 2014 2018 2016 2018

Forecasted deaths (grey) vs actual deaths (blue) Female, February 2015 to January 2020 1-4 5-9 6 -7.5 **-**15 **-**4 -5.0 -10 -2 -0 -10-14 15-19 20-24 12.5 -12.5 -6 -10.0 -10.0 -4 -7.5 -7.5 -5.0 2 -30-34 25-29 35-39 12.5 -15**-**10.0 -15 10-7.5 -10 5.0 5 -0.0 -0 -40-44 50-54 45-49 25 -40 -50 -20 -40 30 -15 30 20 -10 -20 -10-5 -10 -0 -0 -0 -60-64 55-59 65-69 80 -60 -60 -40 60 40 -20 -30 -20 -0 -0 -70-74 75-79 80-84 150 -200 -150 -200 100 100 -100 -50 -50 -0 0 -0 -90-94 85-89 95+ 200 -300 300 -150 **-**200 -200 100 100 -100 -50 -0 -0 -0 -2016 2018 2020 2016 2018 2020 2016 2018 2020

Forecasted deaths (grey) vs actual deaths (blue) Male, February 2015 to January 2020 1-4 5-9 6 -20 -7.5 -15 -4 -5.0 -10 5 -0 -10-14 15-19 20-24 25 7.5 -20 15 -15 5.0 -10 2.5 5 0.0 0 0 25-29 30-34 35-39 25 -20 -20 -20 15 15 15 5 -0 -0 -0 40-44 45-49 50-54 50 30 -60 40 20 20 -10 -20 -10 -0 -0 -0 55-59 60-64 65-69 150 75 **-**100 50 **-**60 -50 25 **-**30 -0 -0 -0 70-74 75-79 80-84 300 -200 -200 150 -200 100 -100 -100 50 **-**0 -0 0 85-89 90-94 95+ 300 -200 -75 **-**150 200 -100 -100 -25 -50 -0 -0 -0 2018 2020 2016 2018 2020 2016 2016 2018 2020