# Massachusetts vs. USA vs. 10 OECD Nations on Key Health Indicators

Indicators	Massachusetts	USA	Non-US Average	Australia	Canada	France	Germany	Netherlands	New Zealand	Norway	Sweden	Switzerland	United Kingdom
Population with health insurance % (1)	97.3 (11th)	90 (12th)	100	100	100	99.9	99.8	99.9	100	100	100	100	100
Life expectancy at birth, years (2)	80.5 (11th)	78.6 (12th)	82	82.5	81.9	82.4	81.1	81.6	81.7	82.5	82.4	83.3	81.2
Gross Domestic Product (GDP) spent on medical care % (3)	13.2 (11th)	17.2 (12th)%	10.5	9.1	10.4	11.5	11.3	10.1	9	10.4	10.9	12.3	9.7
Have a regular doctor or place of care, % yes (4)	89*, (11th)	88 (12th)	95.4	91	92	99	98	100	97	98	93	91	95
Maternal mortality (deaths per 100,00 live births) (5)	6.1 (9th)	20.7 (12th)	4.3	3.9	6	8.7	3.3	3.5	5.1	0	3.3	2.4	6.6
Infant mortality (deaths per 1000 live births) (6)	4.4 (9th)	5.9 (12th)	3.6	3.1	4.7	3.7	3.4	3.5	5.7	2.2	2.5	3.6	3.8
Obesity among adults, % (7)	23.6 (7th)	38.2 (12th)	19.7	27.9	25.8	15.3	23.6	12.8	30.7	12	12.3	10.3	26.9
Out-of-pocket medical care expenses >\$1,000 in past year, %; In MA: high OOP costs relative to income (8)	11 (7th)	36 (10th)	12	16	15	7	5	7	7	13	4	46	4
% of population experiencing cost-related access problems obtaining medical care in past year, % (9)	9 (5th)	33 (12th)	12.7	14	16	17	7	8	18	10	8	22	7
Adult smokers, % (10)	13.6 (4th)	15.5 (7th)	16.2	12.4	14	22.4	20.9	19	14.2	12	11.2	20.4	16.1
Mortality amenable to health care (deaths per 100,000) (11)	60 (2nd)	84 (9th)	71.6	62	78	61	83	72	87	64	69	55	85
Suicide mortality (deaths per 100,000) (12)	8.8 (1st)	15.3 (10th)	13.5	13.2	12.5	17.7	13.6	12.6	12.1	12.2	14.8	17.2	8.9
*adults only													

#### (1) Population with health insurance %

OECD: Papanicolas I, Woskie LR, Jha AK. Health Care Spending in the United States and Other High-Income Countries. JAMA. 2018;319(10):1024–1039. doi:10.1001/jama.2018.1150.

MA (calculated with the AHR determined uninsurance rate): https://www.americashealthrankings.org/explore/annual/measure/Smoking/state/MA

## (2) Life Expectancy at Birth

OECD: https://data.oecd.org/healthstat/life-expectancy-at-birth.htm#indicator-chart

MA (2016): The US Burden of Disease Collaborators. The State of US Health, 1990-2016Burden of Diseases, Injuries, and Risk Factors Among US States. JAMA. 2018;319(14):1444-1472. doi:10.1001/jama.2018.0158

## (3) Gross Domestic Product (GDP) spent on medical %

care %:

OECD: https://stats.oecd.org/Index.aspx?DataSetCode=SHA#

MA: https://www.mass.gov/files/documents/2018/03/28/Cost%20Trends%20Report%202017.pdf (page 12); MA economy: https://www.deptofnumbers.com/gdp/massachusetts/

# (4) Have a regular doctor or place of care % yes

OECD: https://interactives.commonwealthfund.org/2017/july/mirror-mirror/assets/Schneider mirror mirror 2017.pdf (Appendix 3: Access)

MA: http://datacenter.commonwealthfund.org/scorecard/state/23/massachusetts/ (adults only)

## (5) Maternal Mortality (deaths per 100.000 live births):

OECD: https://stats.oecd.org/index.aspx?queryid=30116#

U.S./MA: https://www.americashealthrankings.org/explore/health-of-women-and-children/measure/maternal mortality/state/MA

## (6) Infant Mortality (deaths per 1,000 live births):

#### OECD:

https://data.oecd.org/healthstat/infant-mortality-rates.htm

Infant mortality U.S.: https://www.healthsystemtracker.org/chart-collection/infant-mortality-u-s-compare-countries/#item-infant-mortality-higher-u-s-comparable-countries

Infant mortality NZ: https://www.stats.govt.nz/information-releases/births-and-deaths-year-ended-december-2017

Infant mortality Canada: https://www.indexmundi.com/canada/infant\_mortality\_rate.html

MA: https://assets.americashealthrankings.org/app/uploads/ahrannual17\_complete-121817.pdf

## (7) Obesity among adults (%):

OECD: https://www.oecd.org/els/health-systems/Obesity-Update-2017.pdf

U.S. data point: https://www.cdc.gov/obesity/data/adult.html

MA: https://assets.americashealthrankings.org/app/uploads/ahrannual17 complete-121817.pdf (pg. 52)

# (8) Total population with out-of-pocket costs >\$1,000 for medical bills in past year %:

OECD: https://interactives.commonwealthfund.org/2017/july/mirror-mirror/assets/Schneider\_mirror\_2017.pdf (Appendix A3)

MA: https://www.mass.gov/files/documents/2018/03/28/Cost%20Trends%20Report%202017.pdf (page 17)

## (9) Population experiencing cost-related access problems obtaining medical care in past year %:

OECD: https://interactives.commonwealthfund.org/2017/july/mirror-mirror/assets/Schneider mirror mirror 2017.pdf (Appendix 3. Access)

MA/U.S. (2017): http://datacenter.commonwealthfund.org/scorecard/state/23/massachusetts/

## (10) Adult smokers %:

OECD: https://read.oecd-ilibrary.org/social-issues-migration-health/health-at-a-glance-2017/adult-population-smoking-daily-2000-and-2015-or-nearest-year health glance-2017-graph32-en#page1

CDC: USA 2015: https://www.cdc.gov/media/releases/2018/p0118-smoking-rates-declining.html

MA: https://www.americashealthrankings.org/explore/annual/measure/Smoking/state/MA

## (11) Mortality amenable to healthcare (deaths per 100,000):

OECD: https://interactives.commonwealthfund.org/2017/july/mirror-mirror/assets/Schneider mirror mirror 2017.pdf (Appendix 3: Access)

QECD: https://interactives.commonwealthfund.org/2017/july/mirror-mirror/assets/Schneider\_mirror\_mirror\_2017.pdf (Appendix A6)

MA (2015): Sommers, Benjamin D., Sharon K. Long, and Katherine Baicker. 2014. "Changes in Mortality After Massachusetts Health Care Reform." Ann Intern Med 160 (9) (May 6): 585. doi:10.7326/m13-2275.

## (12) Suicide Mortality (deaths per 100,000):

OECD: http://apps.who.int/gho/data/node.sdg.3-4-data?lang=en

MA: https://www.cdc.gov/nchs/pressroom/sosmap/suicide-mortality/suicide.htm