

THE LANCET

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.
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Supplement to: Nomura S, Sakamoto H, Glenn S, et al. Population health and regional variations of disease burden in Japan, 1990–2015: a systematic subnational analysis for the Global Burden of Disease Study 2015. *Lancet* 2017; published online July 19. [http://dx.doi.org/10.1016/S0140-6736\(17\)31544-1](http://dx.doi.org/10.1016/S0140-6736(17)31544-1).

Web Figure 1: GBD level 3 causes of years of life lost (YLLs) in Japan in 1990, 2005, and 2015 for both sexes combined, with age-standardised rate change.

Leading causes 1990	Leading causes 2005	Percent change number of YLLs 1990-2005	Percent change all-age YLL rate 1990-2005	Percent change age-standardized YLL rate 1990-2005	Leading causes 2015	Percent change number of YLLs 2005-2015	Percent change all-age YLL rate 2005-2015	Percent change age-standardized YLL rate 2005-2015
1 Cerebrovascular disease	1 Cerebrovascular disease	-8.6 (-9.8 to -7.3)	-11.2 (-12.3 to -9.9)	-39.9 (-40.7 to -39.1)	1 Ischemic heart disease	6.4 (3.8 to 8.9)	6.8 (4.2 to 9.3)	-15.2 (-17.4 to -13.1)
2 Ischemic heart disease	2 Ischemic heart disease	-3.2 (-4.6 to -2.0)	-6.0 (-7.3 to -4.7)	-35.1 (-36.2 to -34.3)	2 Cerebrovascular disease	-1.5 (-4.2 to 1.6)	-1.0 (-3.8 to 2.0)	-22.8 (-24.9 to -20.5)
3 Stomach cancer	3 Self-harm	37.9 (33.7 to 41.5)	33.9 (29.9 to 37.5)	34.2 (30.3 to 37.5)	3 Lower respiratory infect	22.5 (17.0 to 28.2)	22.9 (17.5 to 28.6)	-10.7 (-14.8 to -6.6)
4 Lower respiratory infect	4 Lower respiratory infect	27.2 (24.0 to 30.2)	23.6 (20.5 to 26.5)	-23.9 (-25.6 to -22.3)	4 Lung cancer	6.9 (3.5 to 10.4)	7.3 (3.9 to 10.7)	-11.9 (-14.5 to -9.0)
5 Self-harm	5 Lung cancer	44.2 (41.5 to 46.8)	40.1 (37.5 to 42.6)	-1.4 (-3.2 to 0.3)	5 Self-harm	-9.0 (-12.0 to -5.8)	-8.7 (-11.7 to -5.5)	-5.3 (-8.1 to -2.5)
6 Lung cancer	6 Stomach cancer	-13.2 (-14.5 to -12.0)	-15.7 (-16.9 to -14.5)	-38.5 (-39.4 to -37.6)	6 Alzheimer disease	47.2 (44.2 to 49.6)	47.7 (44.8 to 50.2)	2.3 (0.9 to 3.6)
7 Road injuries	7 Colorectal cancer	37.1 (34.6 to 39.8)	33.2 (30.8 to 35.8)	-2.3 (-4.1 to -0.5)	7 Stomach cancer	-6.3 (-9.3 to -3.7)	-6.0 (-9.0 to -3.3)	-21.8 (-24.4 to -19.5)
8 Liver cancer	8 Alzheimer disease	78.4 (76.4 to 80.6)	73.4 (71.4 to 75.5)	-6.3 (-7.5 to -5.0)	8 Colorectal cancer	8.4 (5.2 to 11.6)	8.8 (5.6 to 12.0)	-8.5 (-11.0 to -5.9)
9 Colorectal cancer	9 Liver cancer	11.1 (8.8 to 13.9)	8.3 (5.8 to 10.6)	-21.7 (-23.2 to -19.8)	9 Liver cancer	-3.5 (-7.9 to 0.8)	-3.0 (-7.4 to 1.1)	-19.0 (-22.9 to -15.5)
10 Alzheimer disease	10 Pancreatic cancer	49.7 (45.7 to 54.0)	45.4 (41.6 to 49.6)	4.8 (2.2 to 7.7)	10 Pancreatic cancer	20.1 (16.4 to 24.6)	20.6 (16.8 to 25.1)	1.1 (-2.1 to 4.9)
11 Chronic kidney disease	11 Chronic kidney disease	11.4 (8.5 to 14.2)	8.2 (5.4 to 11.0)	-29.0 (-30.6 to -27.2)	11 Chronic kidney disease	14.9 (10.6 to 19.4)	15.4 (11.1 to 19.8)	-11.5 (-14.8 to -8.1)
12 Congenital defects	12 Road injuries	-47.8 (-49.2 to -46.4)	-49.3 (-50.6 to -48.0)	-48.4 (-49.9 to -46.9)	12 COPD	13.2 (8.6 to 18.1)	13.7 (9.1 to 18.5)	-16.0 (-19.5 to -12.2)
13 COPD	13 COPD	-3.4 (-6.0 to 7.7)	-4.5 (-8.7 to 4.5)	-42.1 (-43.6 to -35.7)	13 Breast cancer	5.6 (0.8 to 9.9)	6.1 (1.2 to 10.3)	-1.7 (-6.0 to 2.3)
14 Pancreatic cancer	14 Breast cancer	43.3 (17.6 to 47.2)	37.7 (14.4 to 43.0)	21.8 (1.2 to 25.1)	14 Gallbladder cancer	0.8 (-4.0 to 6.4)	1.4 (-3.6 to 6.8)	-18.8 (-22.6 to -14.3)
15 Cirrhosis hepatitis C	15 Gallbladder cancer	10.4 (8.2 to 12.2)	7.2 (5.1 to 9.0)	-27.1 (-28.6 to -26.0)	15 Esophageal cancer	3.2 (-1.9 to 9.3)	3.6 (-1.5 to 9.7)	-11.5 (-15.8 to -6.4)
16 Gallbladder cancer	16 Esophageal cancer	40.2 (36.1 to 44.6)	36.2 (32.2 to 40.5)	0.2 (-2.6 to 3.3)	16 Road injuries	-32.0 (-34.6 to -29.2)	-31.7 (-34.3 to -29.0)	-31.2 (-33.8 to -28.5)
17 Leukemia	17 Cirrhosis hepatitis C	-11.9 (-14.7 to 1.6)	-13.7 (-17.1 to -1.3)	-30.0 (-32.3 to -19.2)	17 Cirrhosis hepatitis C	1.8 (-3.0 to 8.4)	2.5 (-2.7 to 8.7)	-9.0 (-13.3 to -2.5)
18 Breast cancer	18 Other neoplasms	5.4 (3.7 to 10.7)	2.7 (0.7 to 7.5)	-13.3 (-14.6 to -7.3)	18 Other neoplasms	8.1 (4.9 to 11.2)	8.6 (5.3 to 11.6)	-4.1 (-7.1 to -1.4)
19 Other neoplasms	19 Leukemia	-5.7 (-7.2 to -4.0)	-8.4 (-9.8 to -6.7)	-23.7 (-25.1 to -22.4)	19 Aortic aneurysm	28.5 (23.6 to 34.0)	29.1 (24.1 to 34.5)	3.3 (0.8 to 7.9)
20 Diabetes	20 Congenital defects	-44.1 (-45.9 to -26.1)	-44.4 (-47.5 to -28.2)	-37.9 (-40.0 to -16.9)	20 Leukemia	1.7 (-1.9 to 5.1)	2.0 (-1.5 to 5.5)	-10.7 (-14.3 to -7.4)
21 Esophageal cancer	22 Aortic aneurysm				26 Congenital defects			
33 Aortic aneurysm	29 Diabetes				29 Diabetes			

Legend:
● Communicable, maternal, neonatal and nutritional
● Non-communicable
● Injuries

Alzheimer's disease=Alzheimer's disease and other dementias. Cirrhosis hepatitis C=cirrhosis of the liver due to hepatitis C. COPD=chronic obstructive pulmonary disease.

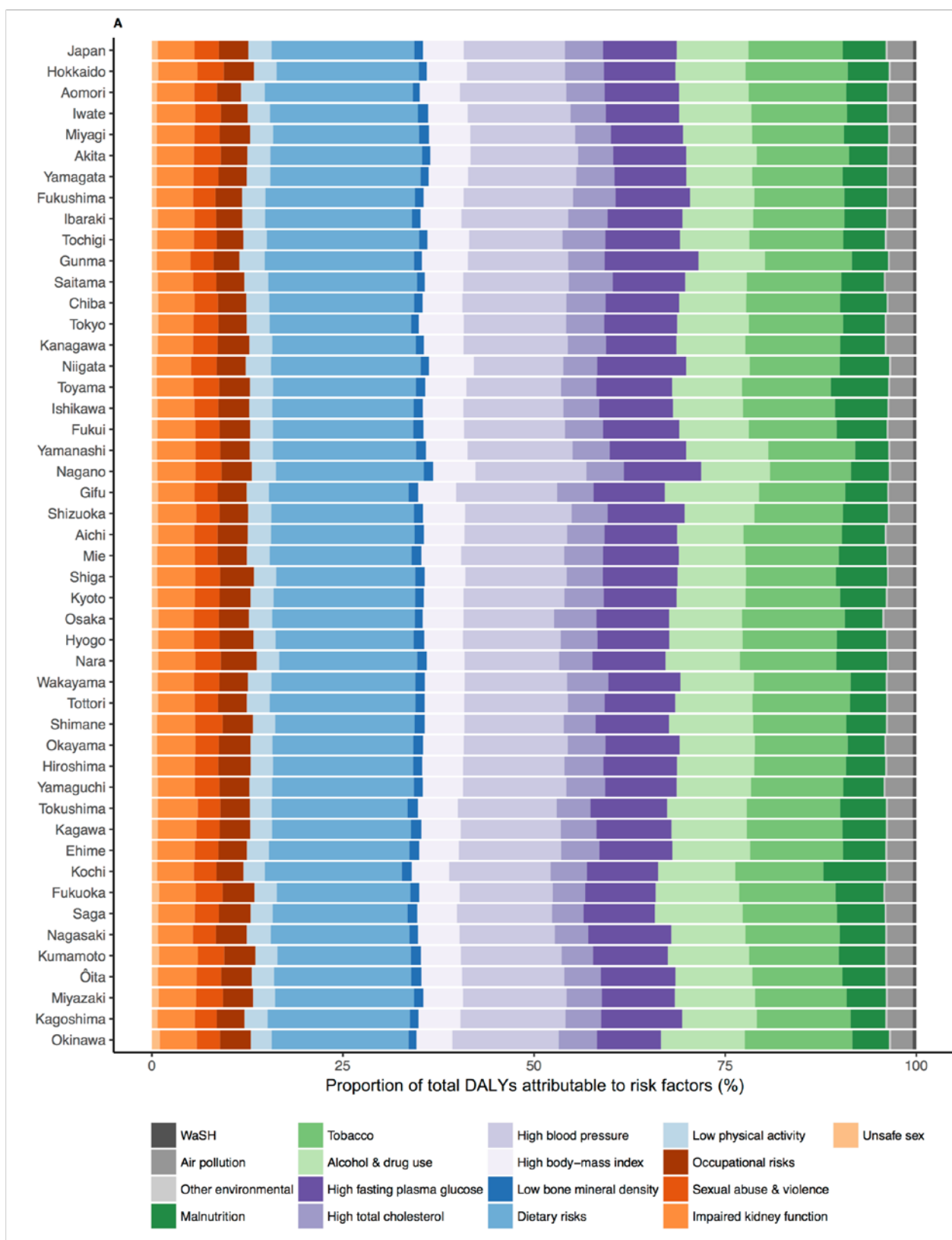
Web Figure 2: Age-standardised rates (per 100 000) of years of life lost (YLLs) by GBD level 4 cause group for Japan and the 47 prefectures in 2015 for both sexes combined.

	Self-harm	Ischaemic heart disease	Lower respiratory infect	Lung cancer	Haemorrhagic stroke	Stomach cancer	Colorectal cancer	Alzheimer disease	Ischaemic stroke	Pancreatic cancer	Breast cancer	Liver cancer hepatitis C	Other neoplasms	Cirrhosis hepatitis C	COVID	Esophageal cancer	Congenital heart	Diabetes CKD	Gallbladder cancer	Lymphoma
Japan	781.0	622.1	419.5	402.4	362.6	322.7	308.1	247.3	226.7	183.4	153.0	138.3	120.4	102.9	100.2	91.7	90.8	88.2	86.0	81.9
Hokkaido	865.4	619.4	415.0	459.4	361.6	307.0	317.3	238.8	205.6	219.2	173.2	123.6	127.3	80.8	96.6	93.7	81.9	110.9	93.6	83.5
Aomori	984.0	734.9	517.9	463.8	495.0	398.4	400.0	249.2	313.4	224.1	181.2	140.2	145.4	110.4	102.1	101.9	93.1	133.7	121.5	86.8
Iwate	1004.3	589.2	445.7	404.1	532.6	328.3	361.2	245.9	305.2	199.5	143.9	110.0	137.1	88.7	103.1	103.1	111.7	105.2	112.3	81.4
Miyagi	773.3	521.8	365.3	377.3	409.0	303.6	291.9	239.0	250.5	189.8	153.0	103.3	123.6	79.1	82.1	98.4	97.0	78.3	86.5	78.8
Akita	1020.9	584.3	448.1	389.1	470.5	461.8	364.8	246.1	290.1	212.9	150.9	97.8	132.4	83.1	97.5	131.8	80.5	98.0	117.8	80.6
Yamagata	844.8	604.8	401.5	373.7	380.8	393.4	307.2	242.6	270.1	186.5	136.9	100.9	119.7	72.9	96.2	100.5	100.8	76.2	103.0	76.9
Fukushima	809.5	742.8	406.7	377.9	411.1	349.0	316.4	242.4	277.1	188.2	139.0	113.6	117.4	89.7	105.2	95.0	83.3	101.5	100.5	76.2
Ibaraki	812.9	686.8	452.9	383.5	444.8	363.7	317.5	244.1	271.6	183.8	151.7	127.1	124.9	103.8	101.0	88.6	106.0	102.9	93.6	82.9
Tochigi	828.8	749.8	447.9	382.3	457.1	366.6	319.2	242.5	277.6	168.8	147.5	131.7	120.5	102.1	96.6	85.7	99.9	96.4	89.9	82.5
Gunma	842.0	634.3	458.4	362.9	400.7	324.1	306.0	215.0	249.6	163.8	151.7	125.5	117.7	97.4	103.1	82.9	99.6	85.2	91.9	77.3
Saitama	786.9	793.9	458.5	407.1	384.8	346.0	328.9	245.7	246.5	177.3	164.6	118.7	125.7	93.7	97.7	99.4	87.5	92.7	87.4	81.2
Chiba	769.6	656.6	422.8	398.2	372.5	337.7	317.4	242.0	236.1	182.1	158.5	123.6	126.9	88.0	101.3	94.6	89.3	91.7	84.0	78.2
Tokyo	759.1	634.5	408.2	397.8	364.4	302.0	323.9	240.2	206.8	185.9	169.9	141.4	116.5	141.9	87.9	114.0	92.5	86.8	78.3	81.0
Kanagawa	731.0	601.0	393.4	386.7	365.7	302.2	318.4	241.4	212.4	178.7	163.2	116.4	113.6	112.0	104.6	104.5	81.3	73.8	77.0	80.9
Niigata	870.9	519.3	349.5	386.3	379.4	385.1	307.7	314.8	249.7	193.7	146.5	85.3	113.3	69.2	89.6	115.8	81.5	66.3	96.3	77.8
Toyama	797.5	513.9	419.9	361.4	344.1	366.3	292.9	240.4	239.5	193.4	144.0	110.2	116.0	78.3	89.5	81.0	103.0	79.3	88.1	83.3
Ishikawa	708.7	522.5	392.3	389.6	312.7	332.2	286.0	239.4	221.5	182.2	150.1	119.7	110.6	78.5	89.9	67.2	92.6	70.7	93.2	82.1
Fukui	682.1	558.9	378.0	363.1	282.7	299.6	256.7	237.6	200.2	172.8	122.1	120.8	109.9	76.4	88.5	50.2	94.6	74.2	93.1	79.1
Yamanashi	797.4	564.5	381.3	343.3	342.1	306.1	288.4	243.3	238.4	183.5	139.4	170.1	125.1	105.9	103.5	85.9	91.3	88.1	95.7	83.6
Nagano	729.0	514.9	312.6	301.8	374.3	271.3	278.4	239.1	259.1	179.0	137.3	97.4	112.1	75.1	90.2	74.2	85.8	66.3	85.4	76.4
Gifu	728.6	600.4	386.2	378.5	345.9	350.4	305.3	242.9	222.8	178.5	143.5	122.2	121.3	81.1	105.7	63.7	95.5	81.7	77.8	81.6
Shizuoka	743.3	569.5	375.1	369.4	417.7	288.7	293.6	242.9	242.4	184.3	156.9	132.0	118.3	85.4	100.4	78.6	76.6	96.2	84.8	82.2
Aichi	725.9	605.5	413.7	428.7	368.9	337.7	317.7	316.4	220.3	184.3	145.7	118.0	113.2	80.8	94.7	80.0	96.5	80.1	80.8	81.3
Mie	699.1	616.4	391.7	401.5	323.8	313.9	280.9	239.7	229.8	173.9	132.7	108.3	117.9	81.0	98.7	66.5	110.6	89.3	77.0	80.5
Shiga	658.6	498.1	336.5	358.6	283.0	290.9	244.4	234.0	173.7	163.9	126.4	100.3	109.8	66.7	95.7	57.0	104.3	63.6	80.7	76.6
Kyoto	732.6	631.8	381.3	410.9	305.0	307.9	297.9	212.5	180.4	175.4	144.4	131.9	116.3	83.4	97.3	79.6	96.9	82.2	77.6	80.3
Osaka	820.3	764.9	499.4	462.3	306.8	352.5	318.7	244.4	214.5	188.4	160.4	184.8	119.6	135.1	106.3	102.9	81.2	98.4	82.1	84.9
Hyogo	775.7	606.8	404.5	417.2	313.1	327.7	297.7	241.1	203.6	179.3	141.3	160.0	119.2	110.5	99.6	92.9	72.4	85.7	79.6	81.9
Nara	665.8	467.8	373.3	414.3	259.9	355.2	268.9	237.2	199.3	173.4	147.3	139.3	120.6	86.2	97.1	80.4	101.1	69.1	75.6	81.5
Wakayama	813.3	714.6	418.5	435.8	303.2	356.5	299.1	219.3	225.2	190.8	145.2	165.3	125.5	105.4	115.8	84.5	97.6	81.8	76.7	84.5
Totomi	831.4	602.7	389.4	430.3	382.8	377.7	319.1	244.6	254.0	200.5	139.8	166.1	128.2	95.8	106.4	88.9	109.9	82.1	90.6	90.5
Shimane	911.6	466.3	395.2	377.4	323.6	344.6	308.3	252.1	217.1	203.3	125.9	157.8	124.9	95.2	110.4	95.2	81.6	78.0	90.4	88.3
Okayama	693.4	579.4	436.7	377.7	355.7	299.6	256.8	239.0	214.0	171.5	141.3	143.3	114.9	97.2	109.0	73.5	98.3	83.8	77.8	82.9
Hiroshima	735.6	634.6	403.7	387.7	331.8	302.8	278.3	239.2	199.2	172.7	137.4	196.5	123.8	121.3	105.2	79.8	101.6	87.1	74.4	84.6
Yamaguchi	813.5	634.6	472.2	395.5	332.4	327.7	299.3	240.4	235.0	165.9	149.8	153.3	119.3	101.3	99.1	92.8	97.9	87.4	75.4	82.4
Tokushima	747.0	555.7	470.7	408.8	347.1	338.3	290.9	243.8	232.0	168.8	135.7	168.4	133.5	127.9	121.9	65.2	130.1	116.0	90.5	91.3
Kagawa	729.6	571.8	416.1	424.4	336.6	367.7	274.5	220.2	239.0	188.8	135.1	148.5	116.1	103.7	113.0	67.5	109.2	98.8	88.2	91.2
Ehime	827.6	661.3	434.3	407.4	358.2	362.2	285.2	244.7	247.0	191.8	154.4	185.5	131.8	112.9	125.9	68.2	77.4	97.2	89.6	89.7
Kochi	842.6	660.7	475.2	393.3	400.3	330.9	293.2	244.1	246.9	189.1	145.0	158.8	131.7	121.5	114.4	91.2	123.8	103.6	88.6	84.0
Fukuoka	786.0	476.5	439.9	407.2	306.6	296.7	300.3	223.3	190.7	179.6	160.6	192.0	120.9	105.8	94.2	86.7	86.1	82.4	86.6	80.1
Saga	760.4	467.2	443.0	398.6	306.3	336.4	301.5	242.8	202.2	184.2	153.5	210.9	122.3	107.3	102.0	75.4	81.5	71.2	93.8	84.2
Nagasaki	789.5	565.2	462.8	433.0	331.7	314.8	318.0	242.7	214.4	179.2	160.1	218.1	130.3	129.5	110.7	81.6	120.5	83.2	97.9	90.5
Kumamoto	765.1	458.4	399.1	374.4	350.4	236.3	268.9	240.3	186.4	175.6	148.3	162.2	126.8	100.3	101.3	69.1	82.2	82.5	89.8	85.0
Oita	750.1	545.7	380.0	368.0	328.8	263.3	253.4	310.6	207.4	169.3	138.6	152.7	113.3	94.1	104.2	72.3	84.1	83.1	86.1	82.0
Miyazaki	869.9	552.3	426.2	378.5	368.2	291.6	271.9	242.9	237.9	181.9	133.3	148.3	126.5	101.7	114.6	89.1	101.6	82.8	101.7	84.6
Kagoshima	819.1	609.5	488.0	398.0	442.8	256.4	298.4	243.2	256.1	173.9	140.4	148.1	134.2	108.9	122.3	109.1	102.9	103.1	101.8	90.2
Okinawa	917.5	694.4	520.7	456.8	419.3	221.4	373.5	236.6	188.0	144.6	144.0	103.6	144.1	149.3	167.0	95.2	97.0	114.7	102.6	95.0

■ Significantly lower than national mean
■ Indistinguishable from national mean
■ Significantly higher than national mean

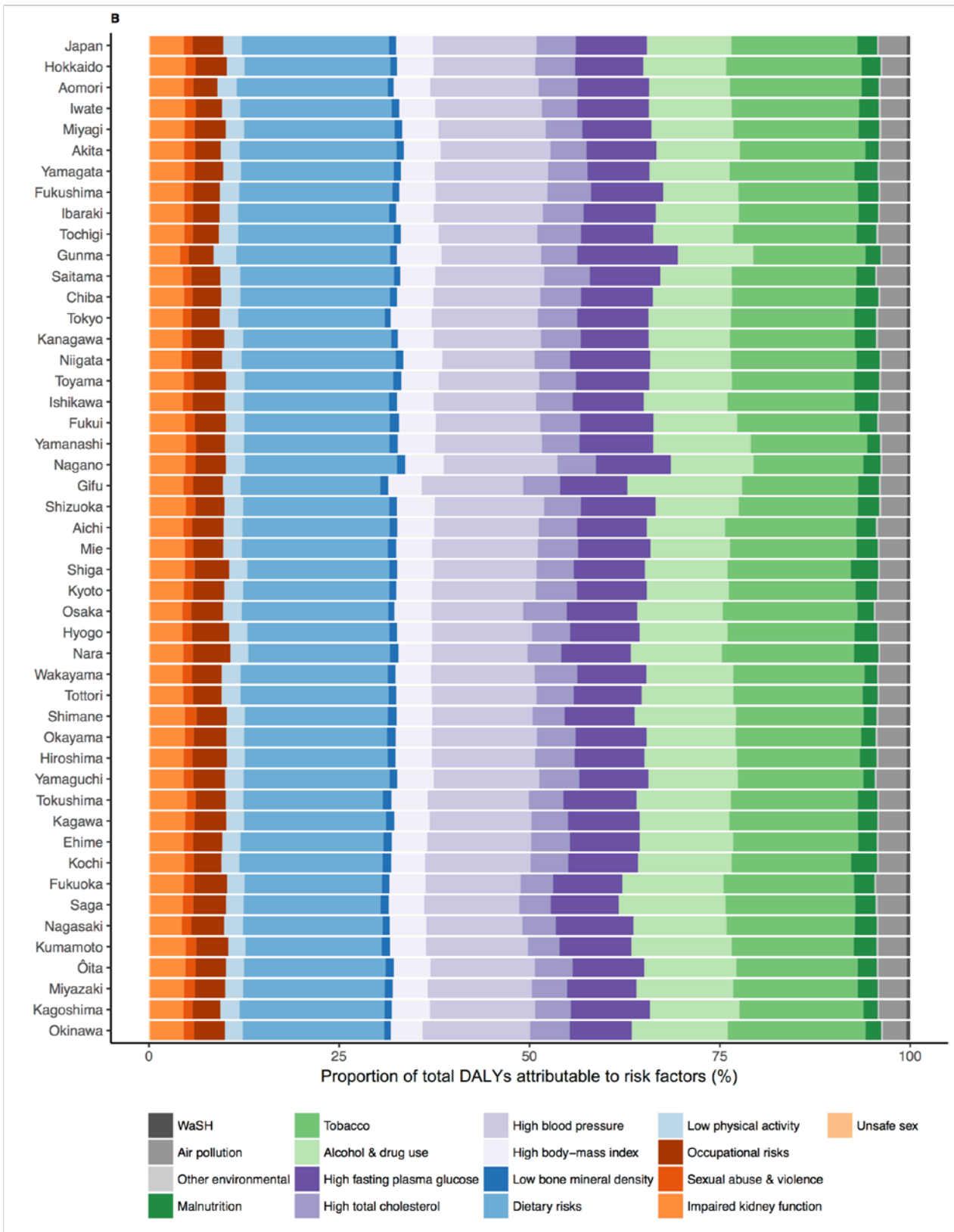
Japan and prefectures are ordered from north (Hokkaido) to south (Okinawa). The causes shown are the top 20 age-standardised YLLs rates in Japan. Rates are colour-coded to denote statistically significant differences from Japan's national mean. Green indicates significantly lower age-standardised YLLs rates than Japan, red indicates significantly higher age-standardised YLLs than Japan. Alzheimer's disease=Alzheimer's disease and other dementias. Liver cancer hepatitis C=liver cancer due to due to hepatitis C. Cirrhosis hepatitis C=cirrhosis of the liver due to hepatitis C.

Web Figure 3: Proportion of age-standardised disability-adjusted life years (DALYs) attributed to GBD level 2 risk factors for Japan and the 47 prefectures in 2015 for both sexes combined (A), men (B), and women (C).



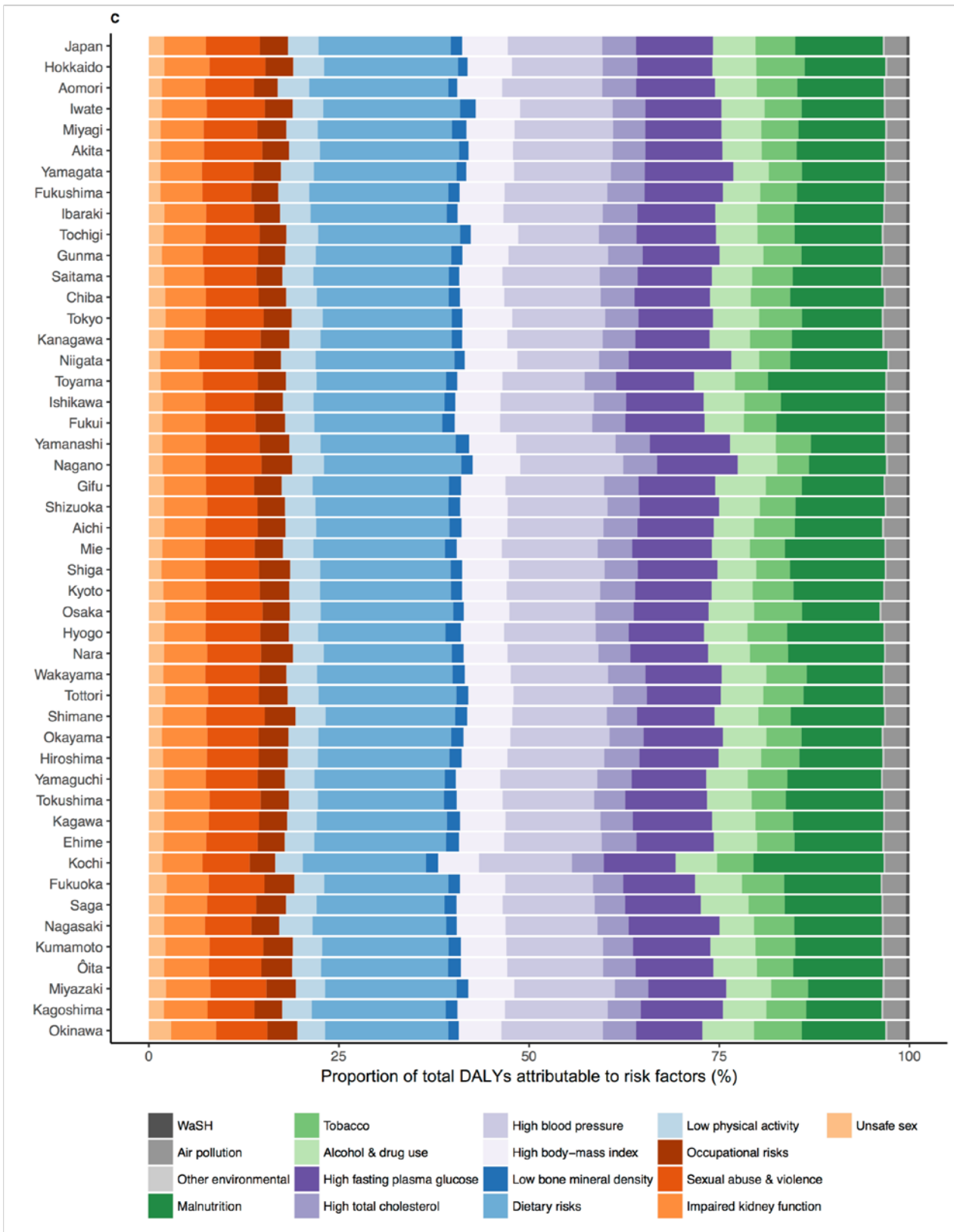
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(A) Both sexes combined.



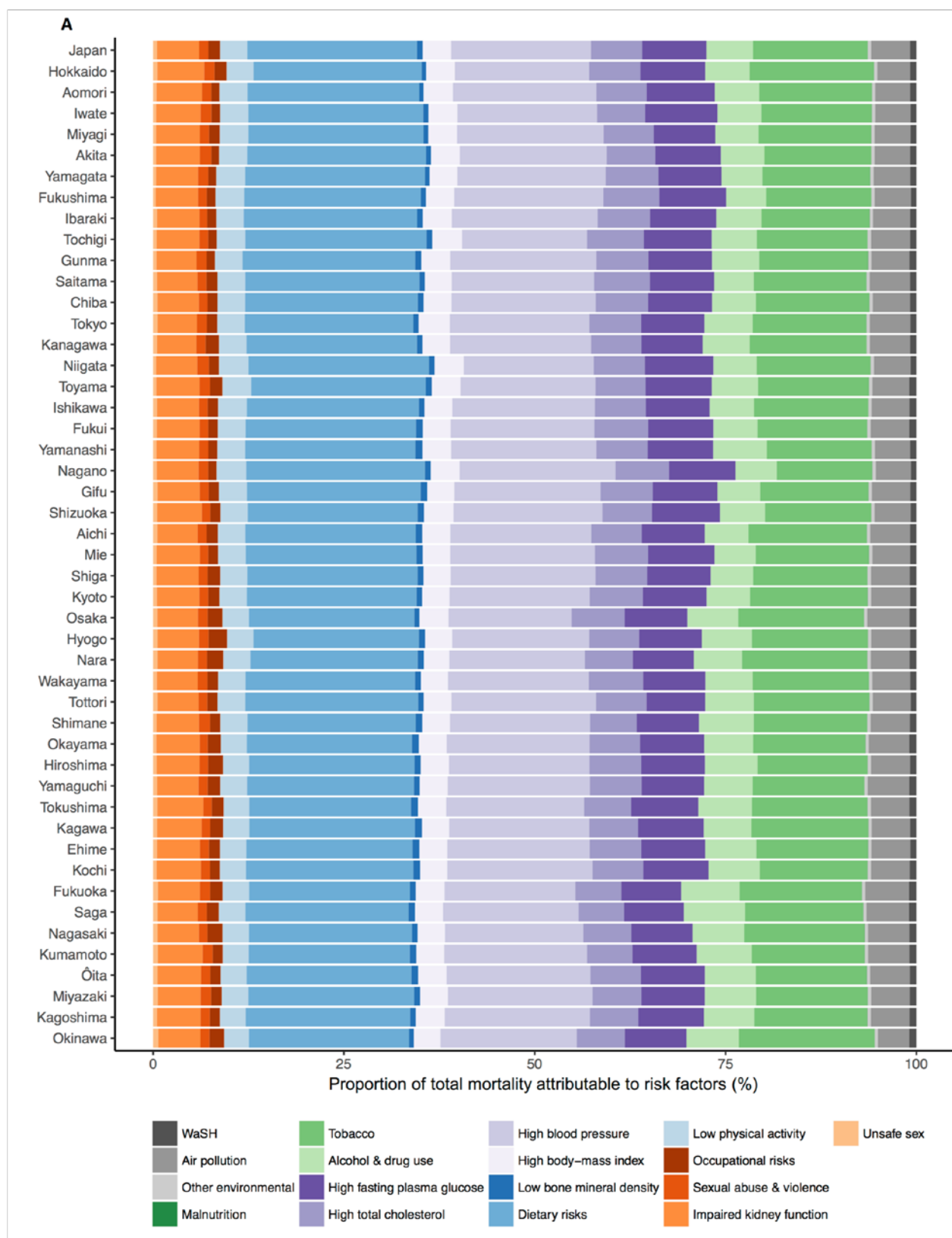
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(B) Men.



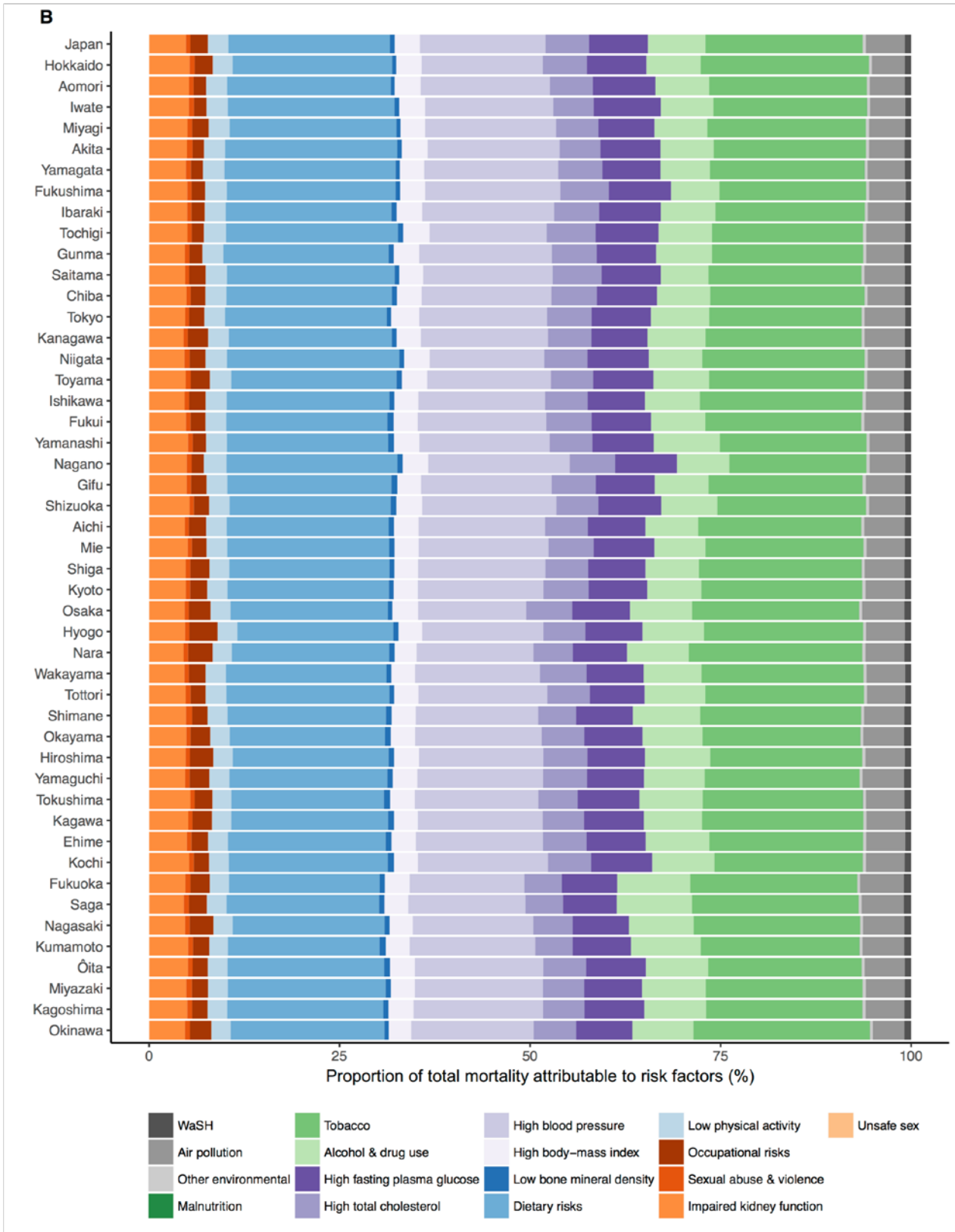
(C) Women- Japan and prefectures are ordered from north (Hokkaido) to south (Okinawa).

Web Figure 4: Proportion of age-standardised mortality attributed to GBD level 2 risk factors for Japan and the 47 prefectures in 2015 for both sexes combined (A), men (B), and women (C).



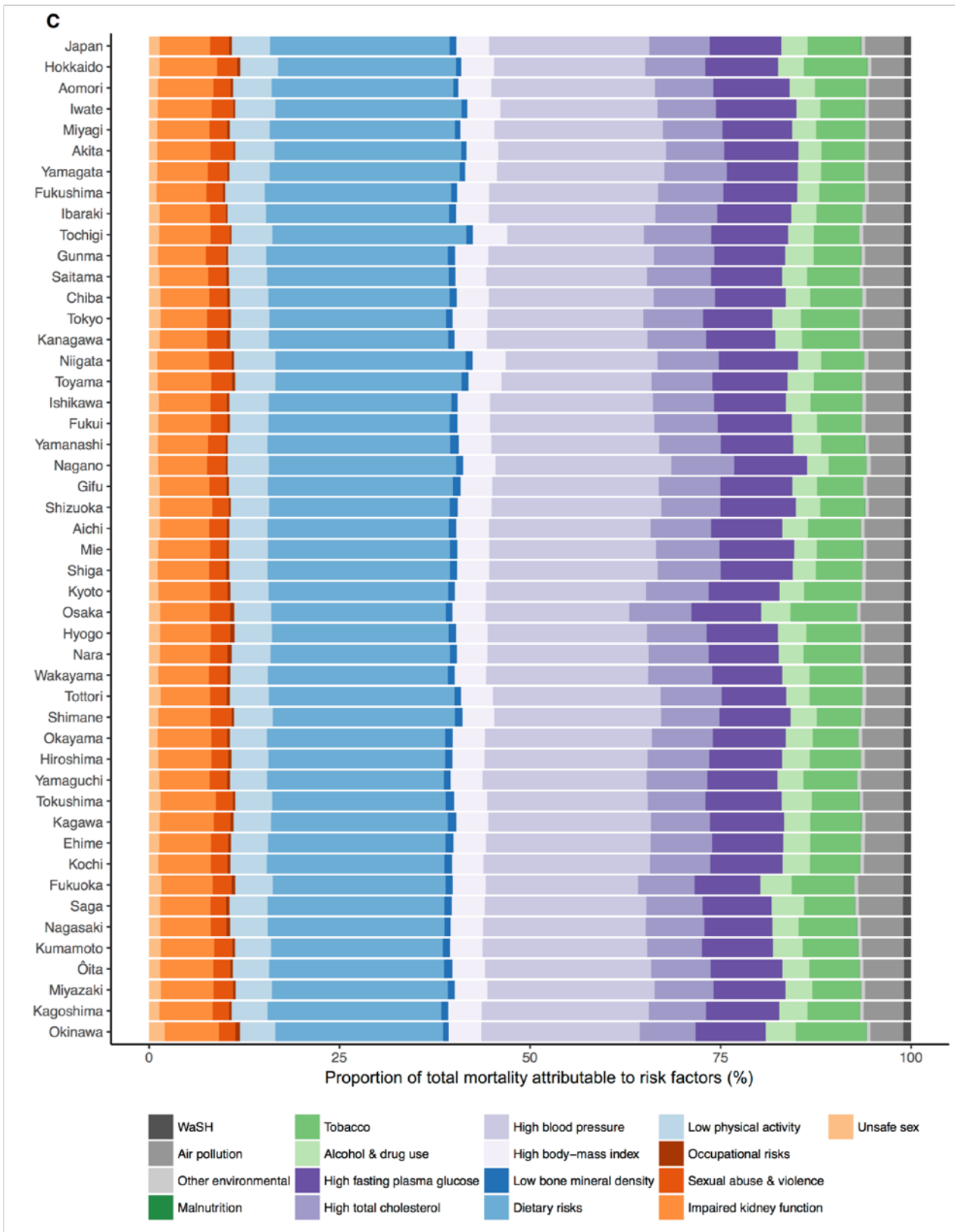
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(A) Both sexes combined.



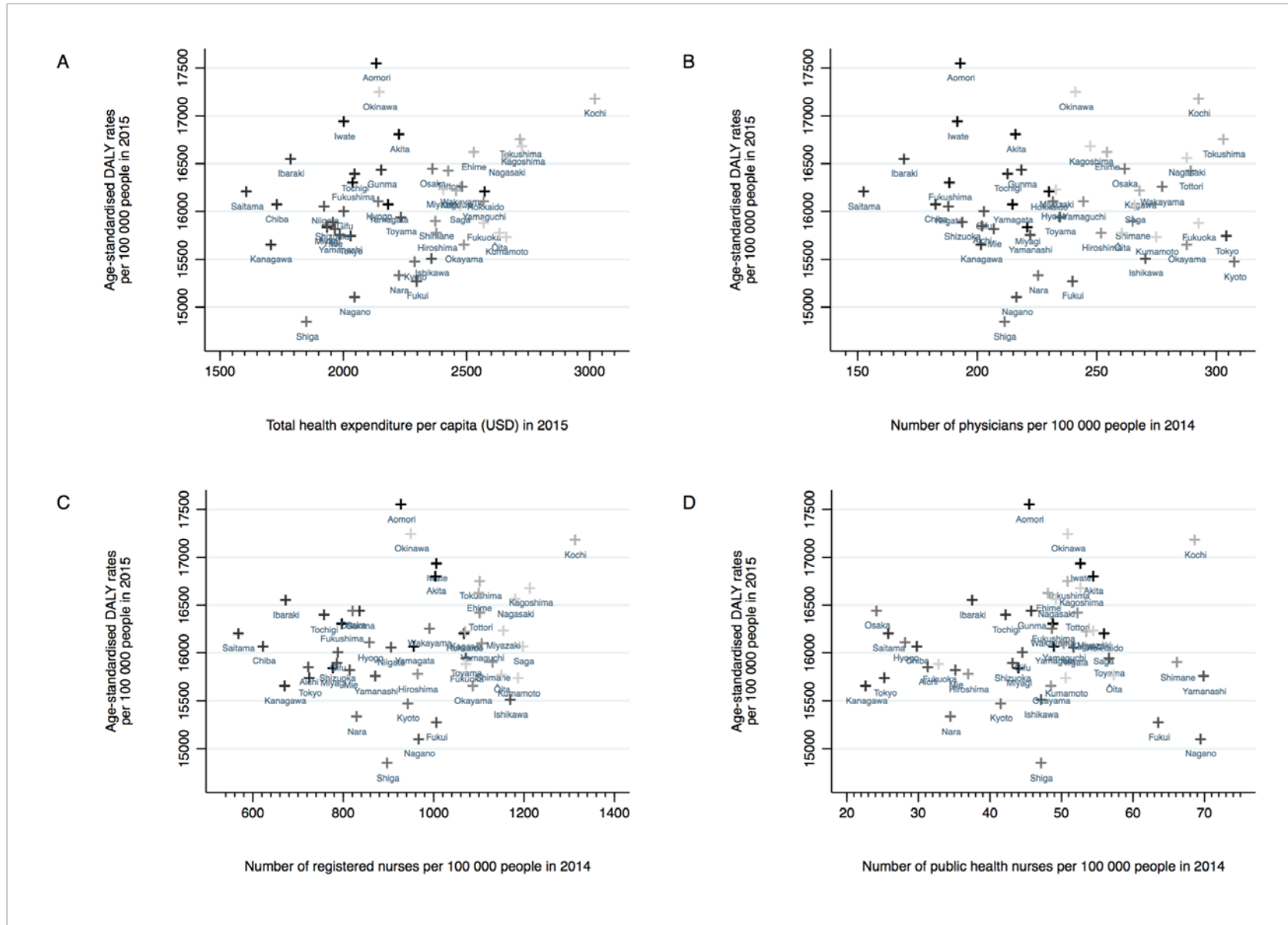
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(B) Men.



(C) Women- Japan and prefectures are ordered from north (Hokkaido) to south (Okinawa).

Web Figure 5: Association between age-standardised death rates for both sexes combined and (A) total health expenditure per capita, (B) number of physicians, (C) registered nurses, and (D) public health nurses per 100 000.



A gradation of symbols refers to the dark to light (black to white) from north (Hokkaido) to south (Okinawa).

Web Table 1: Citation list for Japan.

- Aarhus University, Addiction Switzerland Research Institute, Alcohol Research Group, Public Health Institute, Centre for Addiction and Mental Health (Canada), Centre for Alcohol Policy Research, Turning Point Alcohol and Drug Centre (Australia), Kettil Bruun Society for Social and Epidemiological Research on Alcohol, University of North Dakota. Japan Gender, Alcohol and Culture: An International Study (GENACIS) 2001.
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Web Table 2: Age-standardised rates of mortality, life expectancy from birth, and healthy life expectancy (HALE) for Japan and the 47 prefectures in 1990 and 2015 for both sexes combined (A), men (B), and women (C).

A (Both sexes combined)									
	Age-standardize mortality rate (per 100 000)			Life expectancy in years			HALE (healthy life expectancy in years)		
	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015
Japan	584.1 (583.2 to 585.1)	414.8 (413.3 to 416.4)	-29.0 (-29.3 to -28.7)	79.0 (79.0 to 79.0)	83.2 (83.1 to 83.2)	5.3 (5.2 to 5.3)	70.4 (67.8 to 72.6)	73.9 (71.3 to 76.3)	5.1 (4.9 to 5.2)
Hokkaido	597.2 (591.6 to 602.9)	416.9 (404.3 to 427.6)	-30.2 (-32.5 to -28.3)	78.7 (78.6 to 78.8)	83.1 (82.8 to 83.4)	5.6 (5.1 to 6.1)	70.2 (67.7 to 72.4)	73.9 (71.3 to 76.3)	5.3 (5.0 to 5.7)
Aomori	641.5 (634.4 to 647.7)	471.0 (461.0 to 481.5)	-26.6 (-28.3 to -24.8)	77.7 (77.6 to 77.8)	81.6 (81.4 to 81.8)	5.0 (4.6 to 5.4)	69.3 (66.8 to 71.5)	72.6 (70.0 to 74.9)	4.8 (4.4 to 5.1)
Iwate	601.6 (594.8 to 608.1)	441.6 (431.8 to 452.2)	-26.6 (-28.5 to -24.7)	78.6 (78.4 to 78.7)	82.4 (82.1 to 82.6)	4.8 (4.3 to 5.4)	70.0 (67.5 to 72.2)	73.2 (70.6 to 75.5)	4.5 (3.9 to 5.0)
Miyagi	573.9 (568.1 to 580.2)	397.1 (388.5 to 406.1)	-30.8 (-32.4 to -29.0)	79.2 (79.1 to 79.3)	83.7 (83.4 to 83.9)	5.7 (5.2 to 6.1)	70.5 (67.9 to 72.7)	74.2 (71.5 to 76.6)	5.2 (4.7 to 5.7)
Akita	592.2 (585.4 to 598.3)	445.5 (434.9 to 455.4)	-24.8 (-26.7 to -23.0)	78.8 (78.6 to 78.9)	82.3 (82.1 to 82.5)	4.4 (4.1 to 5.0)	70.2 (67.7 to 72.4)	73.2 (70.6 to 75.5)	4.2 (3.9 to 4.6)
Yamagata	543.2 (536.9 to 550.0)	411.0 (400.4 to 420.8)	-24.3 (-26.7 to -22.3)	79.9 (79.8 to 80.0)	83.2 (83.0 to 83.5)	4.1 (3.8 to 4.6)	71.2 (68.7 to 73.4)	74.0 (71.3 to 76.4)	4.0 (3.7 to 4.3)
Fukushima	585.3 (577.3 to 592.6)	423.9 (412.5 to 436.0)	-27.5 (-29.9 to -25.3)	78.9 (78.7 to 79.0)	82.9 (82.6 to 83.2)	5.1 (4.6 to 5.7)	70.2 (67.7 to 72.4)	73.7 (71.0 to 76.0)	5.0 (4.6 to 5.3)
Ibaraki	595.6 (591.0 to 600.6)	431.4 (423.2 to 440.1)	-27.6 (-29.1 to -26.1)	78.6 (78.6 to 78.7)	82.7 (82.5 to 82.8)	5.2 (4.8 to 5.3)	70.0 (67.5 to 72.2)	73.5 (70.8 to 75.9)	4.9 (4.7 to 5.2)
Tochigi	610.6 (604.3 to 616.8)	428.4 (418.9 to 437.2)	-29.8 (-31.5 to -28.2)	78.4 (78.3 to 78.5)	82.8 (82.6 to 83.0)	5.6 (5.2 to 6.0)	69.9 (67.4 to 72.1)	73.7 (71.0 to 76.0)	5.4 (5.1 to 5.7)
Gunma	573.2 (567.2 to 579.0)	421.0 (411.7 to 430.0)	-26.6 (-28.3 to -24.8)	79.2 (79.1 to 79.3)	83.0 (82.7 to 83.2)	4.8 (4.3 to 5.2)	70.2 (67.6 to 72.5)	73.5 (70.7 to 76.0)	4.6 (4.3 to 4.9)
Saitama	590.6 (586.6 to 594.7)	428.6 (421.1 to 436.0)	-27.4 (-28.7 to -26.1)	79.0 (78.9 to 79.0)	82.8 (82.6 to 82.9)	4.8 (4.6 to 5.1)	70.4 (67.9 to 72.6)	73.6 (71.0 to 76.0)	4.6 (4.3 to 4.8)
Chiba	575.5 (571.6 to 579.5)	416.3 (410.1 to 423.1)	-27.7 (-28.9 to -26.4)	79.2 (79.2 to 79.3)	83.1 (82.9 to 83.2)	4.9 (4.5 to 5.1)	70.6 (68.1 to 72.8)	73.9 (71.2 to 76.2)	4.7 (4.4 to 4.9)
Tokyo	581.8 (578.2 to 585.4)	410.5 (403.5 to 417.4)	-29.4 (-30.8 to -28.1)	79.1 (79.0 to 79.1)	83.3 (83.2 to 83.5)	5.3 (5.2 to 5.7)	70.5 (68.0 to 72.8)	74.2 (71.5 to 76.5)	5.2 (4.9 to 5.4)
Kanagawa	571.2 (567.6 to 574.6)	407.8 (401.3 to 414.4)	-28.6 (-29.9 to -27.4)	79.3 (79.2 to 79.4)	83.4 (83.2 to 83.5)	5.2 (4.8 to 5.4)	70.7 (68.2 to 72.9)	74.2 (71.5 to 76.6)	4.9 (4.6 to 5.1)
Niigata	547.7 (540.1 to 555.2)	405.0 (393.4 to 417.5)	-26.1 (-28.3 to -23.4)	79.8 (79.6 to 79.9)	83.5 (83.2 to 83.8)	4.6 (4.1 to 5.3)	70.8 (68.2 to 73.1)	73.8 (71.1 to 76.3)	4.3 (3.8 to 4.6)
Toyama	561.3 (554.5 to 567.8)	401.8 (392.6 to 411.9)	-28.4 (-30.4 to -26.5)	79.4 (79.3 to 79.5)	83.5 (83.3 to 83.7)	5.2 (4.8 to 5.5)	70.6 (68.0 to 72.9)	74.1 (71.4 to 76.5)	5.0 (4.7 to 5.3)
Ishikawa	541.8 (535.6 to 548.3)	390.9 (382.5 to 398.9)	-27.8 (-29.6 to -26.1)	79.9 (79.8 to 80.0)	83.9 (83.7 to 84.1)	5.0 (4.6 to 5.4)	71.1 (68.6 to 73.4)	74.5 (71.8 to 76.9)	4.8 (4.5 to 5.1)
Fukui	534.2 (527.4 to 542.2)	381.2 (371.8 to 390.1)	-28.6 (-30.7 to -26.7)	80.1 (79.9 to 80.2)	84.2 (84.0 to 84.4)	5.1 (4.7 to 5.6)	71.3 (68.7 to 73.5)	74.8 (72.0 to 77.2)	5.0 (4.6 to 5.3)
Yamanashi	589.4 (578.5 to 600.4)	407.8 (394.1 to 422.4)	-30.8 (-33.6 to -28.2)	78.8 (78.6 to 79.0)	83.4 (83.0 to 83.7)	5.8 (5.1 to 6.5)	70.3 (67.8 to 72.4)	74.2 (71.6 to 76.5)	5.6 (5.2 to 6.1)
Nagano	526.9 (519.0 to 534.5)	380.6 (369.5 to 391.5)	-27.9 (-30.0 to -25.2)	80.2 (80.1 to 80.4)	84.2 (83.9 to 84.5)	5.0 (4.4 to 5.5)	71.5 (68.9 to 73.7)	74.9 (72.1 to 77.3)	4.7 (4.3 to 5.1)
Gifu	562.0 (554.0 to 570.8)	408.0 (395.3 to 420.4)	-27.4 (-29.9 to -25.0)	79.5 (79.3 to 79.6)	83.3 (83.0 to 83.6)	4.8 (4.3 to 5.4)	70.6 (68.0 to 73.0)	74.0 (71.3 to 76.3)	4.7 (4.3 to 5.1)
Shizuoka	559.7 (555.9 to 564.0)	408.7 (401.7 to 415.5)	-27.0 (-28.4 to -25.7)	79.5 (79.4 to 79.6)	83.3 (83.2 to 83.5)	4.8 (4.5 to 5.2)	70.8 (68.2 to 73.0)	74.0 (71.3 to 76.4)	4.6 (4.4 to 4.8)
Aichi	588.9 (585.1 to 593.0)	417.2 (410.7 to 423.5)	-29.2 (-30.3 to -27.9)	79.0 (78.9 to 79.1)	83.1 (82.9 to 83.2)	5.2 (4.8 to 5.4)	70.4 (67.9 to 72.6)	73.9 (71.2 to 76.2)	4.9 (4.7 to 5.2)
Mie	563.1	398.5	-29.2	79.4	83.6	5.3	70.7	74.3	5.1

	(557.1 to 568.6)	(390.4 to 406.0)	(-30.8 to -27.6)	(79.3 to 79.5)	(83.4 to 83.8)	(4.9 to 5.7)	(68.1 to 72.9)	(71.6 to 76.7)	(4.8 to 5.4)
Shiga	540.4 (531.7 to 549.4)	365.3 (354.2 to 376.9)	-32.4 (-34.8 to -30.0)	79.9 (79.7 to 80.1)	84.7 (84.4 to 85.0)	6.0 (5.4 to 6.6)	71.2 (68.6 to 73.4)	75.3 (72.6 to 77.7)	5.7 (5.3 to 6.1)
Kyoto	559.2 (554.4 to 564.0)	391.5 (383.0 to 400.2)	-30.0 (-31.6 to -28.3)	79.5 (79.4 to 79.6)	83.8 (83.7 to 84.0)	5.4 (5.2 to 5.8)	70.9 (68.3 to 73.1)	74.6 (71.9 to 77.0)	5.3 (5.0 to 5.5)
Osaka	634.4 (629.7 to 638.6)	440.1 (430.3 to 449.5)	-30.6 (-32.3 to -29.0)	78.0 (77.9 to 78.1)	82.5 (82.3 to 82.7)	5.8 (5.4 to 6.2)	69.6 (67.2 to 71.8)	73.4 (70.8 to 75.7)	5.5 (5.2 to 5.8)
Hyogo	604.6 (600.0 to 609.2)	413.4 (405.6 to 422.1)	-31.7 (-33.1 to -30.2)	78.6 (78.5 to 78.6)	83.2 (83.0 to 83.4)	5.9 (5.6 to 6.2)	69.9 (67.4 to 72.1)	73.8 (71.1 to 76.1)	5.5 (5.1 to 5.9)
Nara	557.4 (551.2 to 563.6)	382.6 (374.4 to 391.6)	-31.4 (-33.1 to -29.6)	79.5 (79.4 to 79.7)	84.1 (83.9 to 84.3)	5.8 (5.3 to 6.2)	70.8 (68.3 to 73.1)	74.7 (72.0 to 77.1)	5.5 (5.2 to 5.8)
Wakayama	619.4 (610.4 to 629.4)	423.8 (410.8 to 438.9)	-31.6 (-33.7 to -29.1)	78.2 (78.1 to 78.4)	82.9 (82.6 to 83.2)	6.0 (5.4 to 6.5)	69.7 (67.2 to 71.9)	73.7 (71.0 to 76.1)	5.8 (5.3 to 6.2)
Tottori	597.2 (585.3 to 611.3)	427.4 (414.1 to 442.4)	-28.5 (-31.1 to -25.3)	78.7 (78.4 to 78.9)	82.8 (82.5 to 83.1)	5.2 (4.6 to 6.0)	70.1 (67.6 to 72.4)	73.6 (71.0 to 76.0)	5.0 (4.5 to 5.5)
Shimane	579.4 (568.1 to 591.5)	410.4 (395.0 to 426.2)	-29.1 (-32.2 to -26.2)	79.0 (78.8 to 79.2)	83.3 (83.0 to 83.7)	5.4 (4.8 to 6.2)	70.4 (67.9 to 72.7)	74.1 (71.5 to 76.5)	5.2 (4.8 to 5.7)
Okayama	567.4 (561.4 to 573.3)	399.4 (390.8 to 408.2)	-29.6 (-31.3 to -28.0)	79.3 (79.2 to 79.4)	83.6 (83.4 to 83.8)	5.4 (5.0 to 5.8)	70.6 (68.1 to 72.9)	74.4 (71.7 to 76.8)	5.3 (5.0 to 5.6)
Hiroshima	569.9 (565.2 to 574.3)	407.1 (399.4 to 415.0)	-28.6 (-29.9 to -27.1)	79.2 (79.1 to 79.3)	83.4 (83.2 to 83.5)	5.3 (4.9 to 5.6)	70.6 (68.0 to 72.8)	74.2 (71.5 to 76.5)	5.1 (4.9 to 5.4)
Yamaguchi	599.0 (593.1 to 604.7)	416.9 (407.1 to 425.7)	-30.4 (-32.1 to -28.7)	78.6 (78.5 to 78.7)	83.1 (82.9 to 83.3)	5.7 (5.3 to 6.1)	70.1 (67.5 to 72.3)	73.9 (71.2 to 76.3)	5.5 (5.2 to 5.8)
Tokushima	607.6 (595.7 to 619.5)	425.2 (409.9 to 440.2)	-30.0 (-32.8 to -27.3)	78.4 (78.2 to 78.7)	82.8 (82.5 to 83.1)	5.6 (4.8 to 6.3)	69.7 (67.2 to 72.0)	73.5 (70.8 to 75.9)	5.4 (4.9 to 5.9)
Kagawa	577.0 (570.5 to 583.7)	415.9 (407.3 to 424.8)	-28.0 (-29.6 to -26.2)	79.1 (79.0 to 79.2)	83.1 (82.9 to 83.3)	5.1 (4.7 to 5.4)	70.4 (67.9 to 72.7)	73.8 (71.2 to 76.2)	4.8 (4.5 to 5.2)
Ehime	599.8 (589.7 to 611.3)	434.0 (420.5 to 448.6)	-27.6 (-30.2 to -25.0)	78.6 (78.4 to 78.8)	82.6 (82.3 to 82.9)	5.1 (4.4 to 5.7)	70.0 (67.5 to 72.2)	73.4 (70.7 to 75.8)	4.9 (4.4 to 5.3)
Kochi	626.7 (618.3 to 634.1)	439.6 (428.5 to 449.5)	-29.9 (-31.7 to -28.0)	78.0 (77.9 to 78.1)	82.4 (82.2 to 82.7)	5.6 (5.2 to 6.2)	69.2 (66.5 to 71.5)	73.0 (70.2 to 75.4)	5.5 (5.1 to 5.8)
Fukuoka	595.0 (590.9 to 599.1)	406.1 (398.7 to 414.0)	-31.8 (-33.0 to -30.4)	78.7 (78.6 to 78.8)	83.4 (83.2 to 83.6)	6.0 (5.6 to 6.4)	70.1 (67.6 to 72.3)	74.2 (71.5 to 76.5)	5.8 (5.5 to 6.0)
Saga	602.7 (592.0 to 613.9)	410.8 (396.9 to 424.0)	-31.9 (-34.5 to -29.2)	78.5 (78.3 to 78.7)	83.3 (83.0 to 83.6)	6.1 (5.5 to 6.8)	69.9 (67.4 to 72.1)	74.0 (71.3 to 76.4)	5.8 (5.3 to 6.2)
Nagasaki	608.5 (602.2 to 615.2)	423.9 (414.3 to 433.5)	-30.4 (-32.1 to -28.6)	78.4 (78.3 to 78.5)	82.9 (82.7 to 83.1)	5.7 (5.4 to 6.1)	69.8 (67.2 to 72.1)	73.5 (70.8 to 75.9)	5.3 (5.0 to 5.7)
Kumamoto	568.3 (561.9 to 574.6)	396.7 (388.1 to 406.2)	-30.2 (-31.9 to -28.3)	79.3 (79.2 to 79.4)	83.7 (83.5 to 83.9)	5.5 (5.2 to 5.9)	70.6 (68.0 to 72.8)	74.3 (71.6 to 76.7)	5.3 (5.0 to 5.6)
Ōita	585.3 (575.8 to 594.8)	398.3 (385.6 to 411.0)	-32.0 (-34.3 to -29.5)	78.9 (78.8 to 79.1)	83.6 (83.3 to 83.9)	6.0 (5.3 to 6.5)	70.2 (67.6 to 72.4)	74.2 (71.5 to 76.6)	5.8 (5.4 to 6.2)
Miyazaki	603.7 (597.0 to 610.5)	418.1 (409.2 to 427.9)	-30.7 (-32.4 to -29.0)	78.5 (78.4 to 78.6)	83.0 (82.8 to 83.2)	5.7 (5.3 to 6.1)	69.9 (67.4 to 72.2)	73.8 (71.2 to 76.2)	5.6 (5.2 to 5.9)
Kagoshima	606.8 (597.3 to 615.9)	435.2 (421.8 to 450.0)	-28.3 (-30.6 to -25.9)	78.4 (78.3 to 78.6)	82.6 (82.2 to 82.9)	5.4 (4.6 to 5.9)	69.9 (67.4 to 72.1)	73.4 (70.7 to 75.7)	5.0 (4.5 to 5.4)
Okinawa	588.6 (582.2 to 595.3)	458.7 (447.9 to 469.3)	-22.0 (-24.0 to -20.1)	78.7 (78.6 to 78.9)	81.9 (81.7 to 82.2)	4.1 (3.5 to 4.6)	70.1 (67.6 to 72.3)	72.9 (70.2 to 75.2)	4.0 (3.6 to 4.3)

B (Men)	Age-standardize mortality rate (per 100 000)			Life expectancy in years			HALE (healthy life expectancy in years)		
	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015
Japan	759.3 (757.9 to 760.7)	539.0 (536.1 to 542.1)	-29.0 (-29.4 to -28.6)	75.9 (75.9 to 76.0)	79.9 (79.9 to 80.0)	5.3 (5.1 to 5.4)	68.2 (65.9 to 70.2)	71.5 (69.1 to 73.7)	5.0 (4.8 to 5.1)
Hokkaido	772.0 (763.2 to 781.7)	542.1 (519.8 to 563.3)	-29.8 (-32.7 to -26.9)	75.6 (75.5 to 75.8)	79.8 (79.4 to 80.2)	5.6 (4.7 to 6.2)	68.0 (65.8 to 70.0)	71.4 (69.1 to 73.6)	5.1 (4.6 to 5.6)
Aomori	883.5 (872.6 to 894.5)	633.9 (615.8 to 652.1)	-28.3 (-30.4 to -26.2)	73.8 (73.7 to 74.0)	77.9 (77.6 to 78.2)	5.6 (4.9 to 6.1)	66.4 (64.2 to 68.3)	69.8 (67.5 to 71.9)	5.1 (4.7 to 5.6)
Iwate	802.9 (792.1 to 813.8)	600.9 (582.9 to 618.4)	-25.2 (-27.6 to -22.6)	75.2 (75.0 to 75.4)	78.5 (78.2 to 78.9)	4.4 (3.7 to 5.2)	67.5 (65.2 to 69.4)	70.3 (68.0 to 72.4)	4.2 (3.6 to 4.7)
Miyagi	748.8 (739.7 to 758.5)	515.1 (500.9 to 529.2)	-31.2 (-33.2 to -29.1)	76.1 (76.0 to 76.3)	80.5 (80.2 to 80.7)	5.8 (5.1 to 6.2)	68.3 (66.0 to 70.3)	71.9 (69.4 to 74.0)	5.2 (4.7 to 5.7)
Akita	799.8 (788.5 to 810.1)	603.0 (585.5 to 621.1)	-24.7 (-27.0 to -22.1)	75.2 (75.0 to 75.4)	78.5 (78.2 to 78.8)	4.4 (3.7 to 5.1)	67.6 (65.4 to 69.5)	70.4 (68.1 to 72.4)	4.1 (3.7 to 4.6)
Yamagata	714.5 (704.7 to 724.7)	535.9 (519.3 to 551.4)	-25.0 (-27.6 to -22.6)	76.7 (76.6 to 76.9)	80.0 (79.7 to 80.3)	4.3 (3.6 to 4.8)	68.9 (66.6 to 70.9)	71.6 (69.2 to 73.8)	4.0 (3.6 to 4.5)
Fukushima	766.9 (754.4 to 777.7)	558.4 (537.4 to 577.7)	-27.1 (-30.0 to -24.4)	75.7 (75.5 to 75.9)	79.5 (79.1 to 79.9)	5.0 (4.2 to 5.8)	67.8 (65.6 to 69.8)	71.1 (68.8 to 73.2)	4.8 (4.3 to 5.3)
Ibaraki	768.8 (761.5 to 775.9)	558.5 (544.5 to 571.8)	-27.4 (-29.4 to -25.5)	75.6 (75.5 to 75.7)	79.4 (79.2 to 79.7)	5.0 (4.6 to 5.6)	67.8 (65.5 to 69.8)	71.1 (68.7 to 73.3)	4.8 (4.5 to 5.2)
Tochigi	784.9 (774.9 to 794.7)	568.3 (553.0 to 584.5)	-27.7 (-29.8 to -25.4)	75.4 (75.3 to 75.6)	79.3 (79.0 to 79.6)	5.2 (4.5 to 5.7)	67.7 (65.5 to 69.7)	71.0 (68.7 to 73.1)	4.9 (4.4 to 5.3)
Gunma	724.4 (715.8 to 733.5)	541.6 (527.4 to 555.5)	-25.3 (-27.4 to -23.1)	76.5 (76.3 to 76.6)	79.9 (79.6 to 80.1)	4.4 (3.9 to 5.0)	68.1 (65.6 to 70.2)	70.9 (68.3 to 73.3)	4.1 (3.7 to 4.6)
Saitama	752.1 (746.1 to 758.3)	542.6 (529.6 to 554.5)	-27.8 (-29.6 to -26.2)	76.3 (76.2 to 76.4)	79.9 (79.7 to 80.1)	4.7 (4.3 to 5.1)	68.5 (66.3 to 70.5)	71.6 (69.2 to 73.7)	4.4 (4.1 to 4.7)
Chiba	742.1 (736.4 to 748.0)	533.0 (522.6 to 544.8)	-28.2 (-29.6 to -26.6)	76.3 (76.3 to 76.4)	80.1 (79.9 to 80.3)	5.0 (4.6 to 5.2)	68.5 (66.2 to 70.5)	71.6 (69.2 to 73.8)	4.5 (4.2 to 4.8)
Tokyo	748.3 (743.3 to 753.5)	526.6 (513.8 to 539.6)	-29.6 (-31.3 to -28.0)	76.2 (76.1 to 76.3)	80.3 (80.1 to 80.5)	5.4 (5.0 to 5.8)	68.4 (66.1 to 70.4)	71.9 (69.4 to 74.1)	5.1 (4.8 to 5.4)
Kanagawa	730.3 (725.4 to 736.0)	520.4 (508.9 to 531.9)	-28.7 (-30.3 to -27.1)	76.5 (76.4 to 76.6)	80.4 (80.2 to 80.6)	5.1 (4.7 to 5.5)	68.7 (66.5 to 70.7)	72.0 (69.7 to 74.2)	4.8 (4.5 to 5.1)
Niigata	718.8 (706.0 to 730.5)	532.1 (510.0 to 555.6)	-26.0 (-29.3 to -22.4)	76.7 (76.5 to 76.9)	80.1 (79.7 to 80.5)	4.4 (3.6 to 5.2)	68.6 (66.3 to 70.7)	71.5 (69.0 to 73.7)	4.1 (3.5 to 4.7)
Toyama	730.2 (720.9 to 740.5)	527.6 (512.9 to 544.9)	-27.7 (-30.0 to -25.2)	76.3 (76.2 to 76.5)	80.2 (79.8 to 80.4)	5.1 (4.3 to 5.5)	68.4 (66.1 to 70.4)	71.7 (69.3 to 73.8)	4.7 (4.3 to 5.1)
Ishikawa	703.7 (693.5 to 713.3)	505.2 (490.8 to 519.3)	-28.2 (-30.7 to -25.8)	76.9 (76.7 to 77.1)	80.7 (80.4 to 81.0)	4.9 (4.3 to 5.6)	69.0 (66.7 to 71.0)	72.2 (69.7 to 74.4)	4.7 (4.2 to 5.1)
Fukui	680.8 (670.7 to 692.4)	494.5 (477.8 to 511.1)	-27.3 (-30.1 to -24.7)	77.3 (77.1 to 77.5)	81.0 (80.7 to 81.3)	4.8 (4.1 to 5.4)	69.3 (67.1 to 71.4)	72.5 (70.0 to 74.7)	4.5 (4.1 to 5.0)
Yamanashi	776.6 (758.0 to 796.9)	535.1 (510.9 to 562.7)	-31.0 (-34.8 to -27.3)	75.6 (75.3 to 75.8)	80.0 (79.5 to 80.5)	5.8 (4.9 to 6.9)	67.8 (65.6 to 69.9)	71.6 (69.3 to 73.8)	5.6 (5.0 to 6.3)
Nagano	657.5 (645.7 to 669.1)	485.5 (463.1 to 506.9)	-26.2 (-29.5 to -22.5)	77.7 (77.6 to 77.9)	81.2 (80.8 to 81.6)	4.5 (3.7 to 5.2)	69.7 (67.3 to 71.8)	72.6 (70.2 to 74.9)	4.2 (3.6 to 4.8)
Gifu	693.2 (679.6 to 707.2)	516.8 (496.8 to 539.0)	-25.5 (-29.0 to -21.8)	77.1 (76.9 to 77.3)	80.4 (80.0 to 80.8)	4.3 (3.5 to 5.1)	68.8 (66.3 to 70.9)	71.6 (69.1 to 73.9)	4.2 (3.6 to 4.8)
Shizuoka	725.7 (719.4 to 732.1)	525.5 (513.0 to 538.0)	-27.6 (-29.4 to -25.6)	76.5 (76.4 to 76.6)	80.3 (80.0 to 80.5)	5.0 (4.4 to 5.4)	68.6 (66.4 to 70.7)	71.8 (69.4 to 74.0)	4.6 (4.2 to 4.9)
Aichi	748.4 (742.5 to 754.1)	532.6 (521.0 to 543.8)	-28.9 (-30.4 to -27.2)	76.3 (76.2 to 76.4)	80.1 (79.9 to 80.3)	5.0 (4.6 to 5.4)	68.6 (66.3 to 70.5)	71.7 (69.3 to 73.9)	4.6 (4.3 to 4.9)
Mie	726.3 (717.5 to 735.2)	518.9 (505.9 to 533.1)	-28.6 (-30.6 to -26.3)	76.4 (76.3 to 76.6)	80.3 (80.1 to 80.6)	5.1 (4.6 to 5.6)	68.6 (66.3 to 70.6)	71.9 (69.5 to 74.0)	4.8 (4.4 to 5.2)
Shiga	680.2 (666.8 to 695.4)	467.6 (448.2 to 490.1)	-31.2 (-34.3 to -27.7)	77.3 (77.1 to 77.5)	81.7 (81.2 to 82.0)	5.7 (4.8 to 6.4)	69.3 (67.0 to 71.4)	73.0 (70.5 to 75.2)	5.3 (4.7 to 5.9)

Kyoto	714.8 (706.9 to 722.9)	509.8 (495.1 to 526.0)	-28.7 (-30.8 to -26.4)	76.7 (76.5 to 76.8)	80.6 (80.3 to 80.9)	5.1 (4.6 to 5.8)	68.8 (66.5 to 70.8)	72.2 (69.7 to 74.3)	4.9 (4.4 to 5.3)
Osaka	829.6 (822.7 to 836.2)	572.7 (555.1 to 589.5)	-31.0 (-33.3 to -28.8)	74.9 (74.8 to 75.0)	79.2 (78.9 to 79.5)	5.7 (5.2 to 6.3)	67.4 (65.2 to 69.3)	71.0 (68.7 to 73.1)	5.4 (5.0 to 5.9)
Hyogo	788.1 (781.2 to 795.0)	536.0 (522.6 to 550.4)	-32.0 (-33.7 to -29.9)	75.5 (75.4 to 75.6)	80.0 (79.8 to 80.3)	6.0 (5.6 to 6.5)	67.7 (65.5 to 69.7)	71.6 (69.1 to 73.7)	5.7 (5.2 to 6.0)
Nara	710.5 (700.8 to 719.2)	497.3 (482.5 to 512.0)	-30.0 (-32.2 to -27.6)	76.8 (76.6 to 76.9)	80.9 (80.6 to 81.2)	5.3 (4.8 to 6.0)	68.8 (66.6 to 70.9)	72.3 (69.9 to 74.5)	5.1 (4.6 to 5.5)
Wakayama	829.4 (813.9 to 844.1)	555.0 (533.6 to 578.0)	-33.2 (-35.8 to -30.0)	74.8 (74.6 to 75.0)	79.6 (79.2 to 80.0)	6.4 (5.6 to 7.2)	67.2 (64.9 to 69.1)	71.2 (68.8 to 73.4)	6.1 (5.5 to 6.6)
Tottori	802.9 (782.2 to 824.9)	575.3 (548.9 to 600.3)	-28.4 (-32.1 to -24.6)	75.2 (74.9 to 75.5)	79.1 (78.6 to 79.6)	5.2 (4.1 to 6.3)	67.5 (65.3 to 69.5)	70.9 (68.5 to 73.0)	5.0 (4.3 to 5.6)
Shimane	773.3 (753.3 to 794.1)	553.7 (526.7 to 581.1)	-28.4 (-32.1 to -24.4)	75.6 (75.3 to 75.9)	79.6 (79.1 to 80.1)	5.3 (4.2 to 6.4)	68.0 (65.7 to 69.9)	71.4 (69.1 to 73.5)	5.1 (4.4 to 5.8)
Okayama	745.7 (736.0 to 754.6)	528.0 (513.8 to 543.5)	-29.2 (-31.3 to -26.9)	76.1 (75.9 to 76.3)	80.2 (79.9 to 80.4)	5.4 (4.7 to 5.9)	68.3 (66.0 to 70.3)	71.8 (69.3 to 73.9)	5.1 (4.7 to 5.5)
Hiroshima	747.9 (740.5 to 755.2)	533.5 (521.1 to 546.7)	-28.7 (-30.4 to -26.9)	76.0 (75.9 to 76.1)	80.1 (79.8 to 80.3)	5.4 (4.9 to 5.8)	68.2 (66.0 to 70.2)	71.7 (69.4 to 73.8)	5.1 (4.7 to 5.4)
Yamaguchi	795.2 (785.3 to 805.3)	551.4 (534.4 to 567.4)	-30.6 (-33.1 to -28.5)	75.3 (75.1 to 75.4)	79.6 (79.3 to 80.0)	5.7 (5.2 to 6.5)	67.6 (65.5 to 69.6)	71.4 (69.0 to 73.5)	5.6 (5.2 to 6.0)
Tokushima	797.5 (778.9 to 816.0)	568.8 (543.5 to 595.7)	-28.7 (-32.4 to -24.6)	75.2 (75.0 to 75.5)	79.2 (78.7 to 79.6)	5.3 (4.2 to 6.1)	67.5 (65.2 to 69.5)	70.8 (68.4 to 72.9)	4.9 (4.2 to 5.6)
Kagawa	748.9 (738.2 to 759.7)	546.4 (530.4 to 563.5)	-27.0 (-29.3 to -24.4)	76.1 (75.9 to 76.2)	79.7 (79.4 to 80.0)	4.7 (4.2 to 5.4)	68.3 (66.0 to 70.3)	71.3 (68.9 to 73.6)	4.5 (4.0 to 5.0)
Ehime	790.9 (774.4 to 808.2)	581.3 (557.3 to 607.9)	-26.5 (-29.8 to -22.9)	75.4 (75.1 to 75.6)	79.0 (78.5 to 79.4)	4.8 (3.8 to 5.7)	67.6 (65.4 to 69.6)	70.7 (68.3 to 72.9)	4.6 (3.9 to 5.2)
Kochi	850.9 (838.0 to 863.2)	593.7 (574.7 to 612.5)	-30.2 (-32.6 to -27.9)	74.3 (74.2 to 74.5)	78.7 (78.4 to 79.0)	5.9 (5.2 to 6.5)	66.6 (64.3 to 68.6)	70.3 (67.9 to 72.4)	5.6 (5.1 to 6.0)
Fukuoka	799.7 (793.2 to 806.8)	535.7 (522.4 to 549.8)	-33.1 (-34.7 to -31.1)	75.2 (75.0 to 75.3)	80.0 (79.7 to 80.2)	6.4 (5.8 to 6.9)	67.6 (65.4 to 69.5)	71.6 (69.3 to 73.8)	6.0 (5.6 to 6.4)
Saga	797.8 (779.4 to 816.1)	548.0 (524.2 to 574.2)	-31.5 (-34.7 to -27.5)	75.2 (75.0 to 75.5)	79.7 (79.2 to 80.2)	6.0 (4.9 to 6.9)	67.5 (65.3 to 69.5)	71.3 (68.9 to 73.5)	5.6 (4.9 to 6.3)
Nagasaki	810.7 (799.7 to 822.5)	564.1 (547.5 to 580.6)	-30.4 (-32.8 to -28.0)	75.1 (74.9 to 75.2)	79.3 (79.0 to 79.6)	5.6 (5.1 to 6.3)	67.3 (65.0 to 69.3)	70.8 (68.4 to 72.9)	5.3 (4.8 to 5.8)
Kumamoto	760.7 (749.3 to 770.7)	513.9 (497.6 to 530.9)	-32.5 (-34.8 to -30.2)	75.8 (75.7 to 76.0)	80.5 (80.2 to 80.8)	6.2 (5.5 to 6.7)	68.0 (65.7 to 70.0)	71.9 (69.5 to 74.1)	5.8 (5.3 to 6.2)
Ōita	770.4 (753.7 to 787.4)	533.0 (507.8 to 558.0)	-30.9 (-34.1 to -27.4)	75.7 (75.5 to 75.9)	80.0 (79.6 to 80.5)	5.7 (4.9 to 6.6)	67.9 (65.6 to 69.9)	71.6 (69.1 to 73.7)	5.4 (4.8 to 6.1)
Miyazaki	804.2 (793.8 to 815.1)	559.2 (542.5 to 575.4)	-30.4 (-32.8 to -28.2)	75.1 (74.9 to 75.2)	79.4 (79.1 to 79.7)	5.7 (5.2 to 6.4)	67.4 (65.1 to 69.3)	71.0 (68.7 to 73.2)	5.4 (5.0 to 5.9)
Kagoshima	802.0 (787.6 to 818.5)	582.7 (558.9 to 609.3)	-27.5 (-30.5 to -23.8)	75.2 (74.9 to 75.4)	78.9 (78.5 to 79.3)	4.9 (4.1 to 5.9)	67.4 (65.1 to 69.4)	70.5 (68.1 to 72.7)	4.6 (4.0 to 5.2)
Okinawa	795.0 (784.1 to 806.3)	616.8 (599.2 to 635.0)	-22.4 (-24.9 to -19.8)	75.2 (75.0 to 75.4)	78.2 (77.9 to 78.5)	4.0 (3.3 to 4.7)	67.5 (65.2 to 69.4)	70.1 (67.7 to 72.2)	3.8 (3.4 to 4.3)

C (Women)	Age-standardized mortality rate (per 100 000)			Life expectancy in years			HALE (healthy life expectancy in years)		
	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015
	Japan	455.5 (454.3 to 456.6)	315.0 (313.2 to 316.6)	-30.8 (-31.3 to -30.4)	81.8 (81.8 to 81.9)	86.3 (86.3 to 86.4)	5.5 (5.4 to 5.6)	72.4 (69.6 to 74.8)	76.3 (73.3 to 78.9)
Hokkaido	462.4 (455.4 to 469.8)	320.5 (308.3 to 332.3)	-30.7 (-33.5 to -28.1)	81.7 (81.5 to 81.8)	86.2 (85.9 to 86.5)	5.5 (5.0 to 6.1)	72.3 (69.6 to 74.8)	76.2 (73.2 to 78.8)	5.4 (5.0 to 5.8)
Aomori	471.0 (463.0 to 479.0)	350.0 (337.6 to 361.6)	-25.6 (-28.6 to -22.9)	81.4 (81.2 to 81.6)	85.1 (84.8 to 85.4)	4.5 (3.9 to 5.2)	72.0 (69.2 to 74.4)	75.2 (72.3 to 77.7)	4.4 (4.0 to 4.8)
Iwate	455.6 (447.7 to 463.2)	318.0 (307.5 to 329.1)	-30.2 (-32.9 to -27.4)	81.8 (81.7 to 82.0)	86.2 (85.9 to 86.5)	5.4 (4.8 to 5.9)	72.4 (69.7 to 74.8)	76.1 (73.2 to 78.6)	5.1 (4.0 to 5.8)
Miyagi	445.0 (437.7 to 452.3)	303.4 (293.1 to 313.1)	-31.8 (-34.3 to -29.3)	82.1 (82.0 to 82.3)	86.8 (86.5 to 87.0)	5.7 (5.1 to 6.1)	72.5 (69.7 to 75.0)	76.4 (73.4 to 79.0)	5.3 (4.3 to 6.0)
Akita	443.5 (436.1 to 451.5)	326.9 (316.7 to 338.7)	-26.3 (-28.9 to -23.4)	82.1 (82.0 to 82.3)	85.9 (85.6 to 86.2)	4.6 (4.0 to 5.1)	72.7 (69.9 to 75.1)	75.9 (73.0 to 78.5)	4.4 (4.0 to 4.8)
Yamagata	420.9 (413.8 to 429.3)	311.6 (300.5 to 322.9)	-25.9 (-29.1 to -23.1)	82.8 (82.6 to 82.9)	86.5 (86.2 to 86.7)	4.5 (4.0 to 5.0)	73.2 (70.4 to 75.7)	76.3 (73.4 to 78.9)	4.2 (3.8 to 4.6)
Fukushima	452.1 (443.3 to 461.4)	315.9 (304.0 to 328.4)	-30.1 (-33.0 to -27.2)	81.9 (81.7 to 82.1)	86.3 (86.0 to 86.6)	5.4 (4.8 to 6.0)	72.4 (69.7 to 74.9)	76.2 (73.3 to 78.8)	5.3 (4.9 to 5.8)
Ibaraki	463.9 (458.5 to 470.1)	322.5 (313.8 to 331.4)	-30.4 (-32.7 to -28.5)	81.6 (81.5 to 81.7)	86.0 (85.8 to 86.3)	5.4 (5.0 to 5.9)	72.2 (69.4 to 74.6)	76.0 (73.2 to 78.6)	5.3 (5.0 to 5.7)
Tochigi	478.9 (471.3 to 486.3)	312.7 (303.0 to 322.2)	-34.7 (-37.0 to -32.4)	81.2 (81.1 to 81.4)	86.4 (86.2 to 86.7)	6.4 (5.9 to 6.9)	71.9 (69.2 to 74.4)	76.4 (73.5 to 79.0)	6.2 (5.8 to 6.6)
Gunma	458.5 (451.6 to 465.5)	320.7 (311.5 to 331.0)	-30.1 (-32.3 to -27.7)	81.8 (81.6 to 81.9)	86.1 (85.9 to 86.4)	5.3 (4.9 to 5.9)	72.2 (69.5 to 74.7)	76.1 (73.2 to 78.7)	5.3 (4.9 to 5.7)
Saitama	468.9 (463.7 to 473.8)	330.1 (322.3 to 338.5)	-29.6 (-31.5 to -27.6)	81.6 (81.5 to 81.7)	85.8 (85.6 to 86.0)	5.1 (4.8 to 5.5)	72.2 (69.4 to 74.6)	75.8 (72.9 to 78.4)	5.0 (4.7 to 5.3)
Chiba	450.2 (445.6 to 454.7)	316.3 (309.4 to 324.2)	-29.8 (-31.6 to -27.9)	82.0 (81.9 to 82.1)	86.3 (86.1 to 86.5)	5.2 (4.9 to 5.6)	72.5 (69.8 to 75.0)	76.3 (73.3 to 78.7)	5.1 (4.8 to 5.4)
Tokyo	456.4 (452.3 to 460.9)	316.6 (308.4 to 325.1)	-30.7 (-32.5 to -28.6)	81.8 (81.8 to 81.9)	86.3 (86.1 to 86.5)	5.5 (5.1 to 5.7)	72.5 (69.8 to 75.0)	76.4 (73.5 to 78.9)	5.3 (5.0 to 5.7)
Kanagawa	447.0 (442.6 to 451.2)	312.9 (304.9 to 320.4)	-30.0 (-31.9 to -28.2)	82.1 (82.0 to 82.2)	86.4 (86.2 to 86.6)	5.2 (4.9 to 5.6)	72.7 (69.9 to 75.1)	76.4 (73.4 to 79.0)	5.1 (4.8 to 5.4)
Niigata	424.7 (415.5 to 433.6)	303.2 (291.0 to 316.8)	-28.7 (-31.8 to -25.0)	82.7 (82.5 to 82.9)	86.8 (86.5 to 87.1)	5.0 (4.3 to 5.6)	72.8 (69.9 to 75.3)	76.1 (72.9 to 78.9)	4.6 (4.1 to 5.1)
Toyama	440.5 (431.9 to 448.8)	304.1 (294.1 to 315.7)	-30.9 (-33.5 to -28.0)	82.2 (82.0 to 82.4)	86.7 (86.5 to 87.0)	5.5 (5.0 to 6.1)	72.5 (69.7 to 75.0)	76.4 (73.4 to 79.1)	5.4 (4.9 to 5.8)
Ishikawa	426.2 (419.0 to 433.9)	302.8 (293.6 to 312.9)	-28.9 (-31.6 to -26.4)	82.6 (82.5 to 82.8)	86.8 (86.5 to 87.0)	5.1 (4.5 to 5.5)	73.0 (70.2 to 75.5)	76.6 (73.6 to 79.2)	5.0 (4.6 to 5.3)
Fukui	427.2 (418.6 to 436.8)	291.0 (281.4 to 300.8)	-31.9 (-34.6 to -29.1)	82.6 (82.4 to 82.7)	87.3 (87.0 to 87.5)	5.7 (5.2 to 6.2)	72.9 (70.1 to 75.4)	77.0 (74.0 to 79.7)	5.5 (5.1 to 5.9)
Yamanashi	449.6 (436.6 to 461.3)	303.3 (289.1 to 318.1)	-32.6 (-35.9 to -28.2)	82.0 (81.7 to 82.2)	86.8 (86.4 to 87.2)	5.9 (5.1 to 6.7)	72.6 (69.9 to 75.0)	76.8 (73.9 to 79.3)	5.8 (5.2 to 6.3)
Nagano	429.8 (420.2 to 439.6)	294.0 (281.7 to 307.1)	-31.6 (-35.0 to -28.2)	82.5 (82.3 to 82.7)	87.1 (86.8 to 87.5)	5.6 (5.0 to 6.3)	73.1 (70.3 to 75.4)	77.1 (74.1 to 79.6)	5.4 (4.9 to 6.0)
Gifu	460.9 (450.8 to 471.3)	319.9 (307.6 to 333.9)	-30.7 (-33.6 to -27.2)	81.7 (81.5 to 81.9)	86.2 (85.8 to 86.5)	5.5 (4.8 to 6.1)	72.4 (69.6 to 74.8)	76.2 (73.3 to 78.8)	5.3 (4.8 to 5.8)
Shizuoka	436.1 (431.4 to 441.4)	312.1 (304.3 to 319.8)	-28.4 (-30.3 to -26.5)	82.3 (82.2 to 82.4)	86.4 (86.3 to 86.6)	5.0 (4.7 to 5.4)	72.8 (70.0 to 75.2)	76.3 (73.3 to 78.9)	4.8 (4.5 to 5.1)
Aichi	469.4 (464.3 to 474.2)	320.1 (312.6 to 328.4)	-31.8 (-33.5 to -29.9)	81.5 (81.5 to 81.6)	86.1 (85.9 to 86.3)	5.6 (5.3 to 5.9)	72.1 (69.4 to 74.6)	76.1 (73.1 to 78.6)	5.5 (5.2 to 5.8)
Mie	444.4 (437.1 to 451.0)	299.4 (291.3 to 308.1)	-32.6 (-34.7 to -30.2)	82.1 (82.0 to 82.2)	86.9 (86.7 to 87.2)	5.8 (5.5 to 6.3)	72.6 (69.7 to 75.0)	76.7 (73.7 to 79.4)	5.7 (5.4 to 6.1)
Shiga	439.2 (428.5 to 453.2)	280.4 (267.9 to 292.7)	-36.2 (-39.5 to -32.8)	82.2 (82.0 to 82.5)	87.7 (87.4 to 88.0)	6.7 (5.9 to 7.3)	72.8 (70.0 to 75.2)	77.5 (74.5 to 80.1)	6.4 (5.9 to 7.0)

Kyoto	448.0 (441.5 to 454.2)	298.4 (289.5 to 307.5)	-33.4 (-35.5 to -31.1)	82.0 (81.9 to 82.1)	87.0 (86.7 to 87.2)	6.1 (5.6 to 6.5)	72.7 (69.8 to 75.1)	76.9 (73.9 to 79.5)	5.9 (5.5 to 6.2)
Osaka	492.7 (487.2 to 498.4)	333.5 (323.4 to 344.1)	-32.3 (-34.4 to -30.1)	81.0 (80.9 to 81.1)	85.7 (85.4 to 85.9)	5.8 (5.3 to 6.2)	71.7 (69.0 to 74.1)	75.8 (73.0 to 78.3)	5.7 (5.4 to 6.1)
Hyogo	470.8 (465.5 to 476.2)	316.1 (307.7 to 324.4)	-32.9 (-34.9 to -30.8)	81.5 (81.4 to 81.6)	86.3 (86.1 to 86.5)	5.9 (5.5 to 6.3)	71.9 (69.1 to 74.4)	76.0 (73.0 to 78.6)	5.6 (4.7 to 6.1)
Nara	447.0 (439.9 to 454.3)	291.8 (282.5 to 301.1)	-34.8 (-36.9 to -32.2)	82.1 (81.9 to 82.2)	87.2 (87.0 to 87.5)	6.2 (5.8 to 6.8)	72.6 (69.8 to 75.1)	77.0 (74.1 to 79.7)	6.1 (5.7 to 6.5)
Wakayama	470.5 (458.9 to 482.0)	323.0 (309.6 to 339.4)	-31.5 (-34.5 to -27.6)	81.4 (81.2 to 81.7)	86.1 (85.6 to 86.4)	5.8 (4.8 to 6.4)	72.1 (69.3 to 74.5)	76.1 (73.1 to 78.7)	5.6 (5.0 to 6.1)
Tottori	453.7 (439.4 to 468.2)	313.5 (300.3 to 329.2)	-30.9 (-34.5 to -27.0)	81.9 (81.6 to 82.2)	86.4 (86.0 to 86.8)	5.5 (4.6 to 6.4)	72.5 (69.7 to 74.9)	76.3 (73.4 to 78.9)	5.3 (4.8 to 5.9)
Shimane	440.0 (427.8 to 453.7)	298.0 (283.3 to 313.4)	-32.2 (-36.2 to -28.4)	82.2 (81.9 to 82.5)	87.0 (86.6 to 87.4)	5.8 (5.0 to 6.7)	72.8 (70.0 to 75.2)	76.8 (73.8 to 79.5)	5.6 (5.0 to 6.2)
Okayama	437.1 (429.9 to 445.1)	298.0 (287.7 to 307.3)	-31.8 (-34.5 to -29.6)	82.3 (82.1 to 82.4)	87.0 (86.7 to 87.3)	5.7 (5.2 to 6.3)	72.8 (70.1 to 75.3)	76.9 (74.0 to 79.6)	5.6 (5.3 to 6.0)
Hiroshima	438.7 (432.8 to 444.3)	307.4 (299.4 to 316.4)	-29.9 (-31.9 to -27.6)	82.2 (82.1 to 82.4)	86.6 (86.4 to 86.8)	5.4 (4.9 to 5.7)	72.8 (70.0 to 75.2)	76.6 (73.7 to 79.2)	5.3 (4.9 to 5.6)
Yamaguchi	459.8 (452.0 to 466.7)	315.1 (305.1 to 324.6)	-31.5 (-33.9 to -29.1)	81.7 (81.6 to 81.9)	86.3 (86.1 to 86.6)	5.6 (5.1 to 6.1)	72.3 (69.5 to 74.7)	76.3 (73.2 to 78.8)	5.5 (5.1 to 5.9)
Tokushima	472.4 (458.4 to 486.7)	312.4 (297.8 to 325.9)	-33.9 (-37.5 to -30.3)	81.4 (81.1 to 81.7)	86.4 (86.0 to 86.8)	6.1 (5.3 to 7.0)	71.8 (69.0 to 74.3)	76.2 (73.1 to 78.8)	6.0 (5.5 to 6.6)
Kagawa	451.5 (443.1 to 460.2)	311.8 (301.8 to 321.9)	-31.0 (-33.5 to -28.2)	81.9 (81.8 to 82.1)	86.5 (86.2 to 86.7)	5.6 (5.0 to 6.0)	72.4 (69.6 to 74.9)	76.3 (73.4 to 79.0)	5.4 (5.0 to 5.8)
Ehime	462.4 (450.2 to 474.3)	321.8 (308.1 to 336.8)	-30.4 (-33.8 to -27.0)	81.6 (81.4 to 81.9)	86.1 (85.8 to 86.5)	5.5 (4.8 to 6.3)	72.2 (69.4 to 74.6)	76.0 (73.0 to 78.7)	5.3 (4.8 to 5.8)
Kochi	470.0 (461.2 to 478.8)	322.2 (310.0 to 333.2)	-31.4 (-34.2 to -28.4)	81.4 (81.2 to 81.6)	86.1 (85.8 to 86.4)	5.8 (5.1 to 6.4)	71.6 (68.7 to 74.1)	75.6 (72.4 to 78.3)	5.6 (5.1 to 6.0)
Fukuoka	451.3 (445.7 to 456.4)	310.0 (302.3 to 318.4)	-31.3 (-33.2 to -29.2)	81.9 (81.8 to 82.0)	86.5 (86.3 to 86.7)	5.6 (5.2 to 6.0)	72.5 (69.7 to 74.9)	76.5 (73.5 to 79.1)	5.5 (5.1 to 5.8)
Saga	468.2 (454.0 to 481.3)	307.4 (293.8 to 322.3)	-34.4 (-37.6 to -30.8)	81.5 (81.2 to 81.8)	86.6 (86.2 to 87.0)	6.3 (5.4 to 7.1)	72.1 (69.3 to 74.5)	76.5 (73.5 to 79.1)	6.1 (5.6 to 6.7)
Nagasaki	469.7 (462.0 to 477.6)	319.4 (309.2 to 330.0)	-32.0 (-34.4 to -29.4)	81.5 (81.3 to 81.6)	86.2 (85.9 to 86.4)	5.8 (5.3 to 6.3)	72.0 (69.2 to 74.5)	76.0 (73.0 to 78.6)	5.5 (5.1 to 5.9)
Kumamoto	434.1 (426.5 to 442.1)	308.0 (297.3 to 318.9)	-29.1 (-31.6 to -26.0)	82.4 (82.2 to 82.5)	86.6 (86.3 to 86.9)	5.1 (4.6 to 5.7)	72.8 (70.1 to 75.3)	76.5 (73.5 to 79.0)	5.0 (4.5 to 5.4)
Ōita	453.3 (441.7 to 465.1)	295.6 (283.0 to 308.7)	-34.8 (-38.2 to -31.2)	81.9 (81.6 to 82.1)	87.1 (86.7 to 87.4)	6.3 (5.6 to 7.1)	72.3 (69.5 to 74.8)	76.8 (73.8 to 79.5)	6.2 (5.7 to 6.8)
Miyazaki	464.2 (456.4 to 471.9)	310.0 (300.4 to 320.0)	-33.2 (-35.6 to -30.8)	81.6 (81.4 to 81.7)	86.5 (86.3 to 86.8)	6.0 (5.6 to 6.6)	72.3 (69.5 to 74.7)	76.5 (73.7 to 79.1)	5.9 (5.5 to 6.3)
Kagoshima	473.5 (461.7 to 485.2)	321.9 (306.9 to 337.1)	-32.0 (-35.4 to -28.5)	81.4 (81.1 to 81.6)	86.1 (85.7 to 86.5)	5.8 (5.0 to 6.7)	72.1 (69.4 to 74.4)	76.1 (73.2 to 78.7)	5.6 (5.1 to 6.2)
Okinawa	450.9 (442.9 to 459.3)	326.5 (316.2 to 337.5)	-27.6 (-30.2 to -24.9)	81.9 (81.7 to 82.1)	85.9 (85.7 to 86.2)	4.9 (4.4 to 5.5)	72.4 (69.5 to 74.8)	75.9 (73.1 to 78.5)	4.9 (4.5 to 5.3)

Japan and prefectures are ordered from north (Hokkaido) to south (Okinawa).

Web Table 3: Age-standardised rates of years of life lost (YLLs), years lived with disability (YLDs), disability-adjusted life years (DALYs) for Japan and the 47 prefectures in 1990 and 2015 for both sexes combined (A), men (B), and women (C).

A (Both sexes combined)									
	Age-standardize YLD rate (per 100 000)			Age-standardize YLL rate (per 100 000)			Age-standardize DALY rate (per 100 000)		
	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015
Japan	9084.9 (6741.5 to 11708.3)	8765.0 (6508.8 to 11271.2)	-3.5 (-4.3 to -2.6)	10880.1 (10856.2 to 10902.4)	7246.7 (7211.2 to 7283.3)	-33.4 (-33.8 to -33.0)	19965.0 (17616.4 to 22605.8)	16011.7 (13740.4 to 18526.2)	-19.8 (-22.0 to -17.9)
Hokkaido	9047.6 (6713.7 to 11667.4)	8727.0 (6505.6 to 11244.2)	-3.5 (-4.6 to -2.3)	11235.6 (11104.5 to 11368.8)	7469.9 (7199.1 to 7700.7)	-33.5 (-36.1 to -31.2)	20283.2 (17894.3 to 22877.9)	16196.9 (13924.3 to 18726.6)	-20.1 (-22.9 to -17.8)
Aomori	9187.2 (6791.1 to 11866.7)	8881.6 (6579.9 to 11422.5)	-3.3 (-4.4 to -2.2)	12482.4 (12282.5 to 12679.3)	8661.8 (8423.4 to 8901.3)	-30.6 (-32.9 to -28.5)	21669.6 (19266.3 to 24404.1)	17543.4 (15247.6 to 20054.5)	-19.0 (-21.4 to -16.9)
Iwate	9144.7 (6801.1 to 11826.7)	8890.4 (6650.2 to 11511.8)	-2.8 (-6.1 to 2.4)	11345.1 (11146.0 to 11578.9)	8040.7 (7811.9 to 8307.3)	-29.1 (-31.8 to -26.5)	20489.8 (18149.0 to 23132.5)	16931.1 (14662.7 to 19581.5)	-17.4 (-20.0 to -14.6)
Miyagi	9117.7 (6823.0 to 11783.8)	8897.5 (6680.0 to 11434.5)	-2.4 (-5.2 to 2.1)	10614.7 (10461.8 to 10788.3)	6935.1 (6737.2 to 7141.5)	-34.7 (-36.8 to -32.4)	19732.4 (17365.8 to 22432.2)	15832.5 (13605.5 to 18412.7)	-19.8 (-22.6 to -17.1)
Akita	9035.1 (6719.1 to 11675.2)	8765.2 (6516.5 to 11269.5)	-3.0 (-4.2 to -1.6)	11231.3 (11034.2 to 11425.8)	8032.0 (7794.1 to 8265.6)	-28.5 (-31.0 to -26.2)	20266.4 (17935.6 to 22909.4)	16797.2 (14573.2 to 19321.7)	-17.1 (-19.5 to -15.0)
Yamagata	8983.8 (6661.9 to 11544.3)	8721.0 (6484.8 to 11230.2)	-2.9 (-4.1 to -1.8)	9963.0 (9794.3 to 10122.7)	7341.5 (7108.6 to 7572.6)	-26.3 (-29.1 to -23.8)	18946.7 (16583.0 to 21537.4)	16062.5 (13798.1 to 18610.0)	-15.2 (-17.5 to -13.2)
Fukushima	9170.2 (6792.2 to 11806.7)	8808.9 (6565.3 to 11342.3)	-3.9 (-5.3 to -2.5)	11168.2 (10988.5 to 11341.5)	7487.6 (7218.4 to 7752.8)	-32.9 (-35.7 to -30.2)	20338.4 (17946.1 to 22977.2)	16296.5 (14046.2 to 18806.2)	-19.9 (-22.5 to -17.5)
Ibaraki	9144.5 (6791.9 to 11785.0)	8802.8 (6513.2 to 11298.6)	-3.7 (-4.8 to -2.6)	11390.7 (11280.4 to 11510.5)	7742.6 (7546.8 to 7938.7)	-32.0 (-34.0 to -30.2)	20535.2 (18192.7 to 23223.8)	16545.4 (14250.6 to 19149.0)	-19.4 (-21.8 to -17.4)
Tochigi	9081.0 (6716.3 to 11727.2)	8751.9 (6481.1 to 11256.0)	-3.6 (-4.8 to -2.4)	11652.0 (11489.7 to 11813.6)	7638.8 (7428.4 to 7845.4)	-34.4 (-36.5 to -32.4)	20732.9 (18347.4 to 23439.4)	16390.6 (14162.5 to 18927.0)	-20.9 (-23.5 to -18.6)
Gunma	9343.6 (6930.6 to 12007.1)	8993.4 (6668.1 to 11563.1)	-3.7 (-4.8 to -2.7)	10689.2 (10516.6 to 10853.2)	7438.3 (7202.3 to 7696.5)	-30.4 (-33.1 to -27.8)	20032.8 (17547.1 to 22767.1)	16431.6 (14010.3 to 19082.4)	-18.0 (-20.6 to -15.7)
Saitama	9051.4 (6704.5 to 11670.6)	8773.8 (6515.7 to 11270.2)	-3.1 (-4.2 to -1.9)	10716.0 (10621.1 to 10827.7)	7424.9 (7263.7 to 7590.1)	-30.7 (-32.3 to -29.1)	19767.4 (17436.4 to 22347.4)	16198.7 (13898.2 to 18761.1)	-18.1 (-20.4 to -16.1)
Chiba	9095.6 (6745.2 to 11725.3)	8806.5 (6514.5 to 11315.3)	-3.2 (-4.3 to -2.1)	10506.9 (10418.3 to 10605.6)	7257.5 (7119.8 to 7412.2)	-31.0 (-32.3 to -29.4)	19602.4 (17235.4 to 22282.4)	16063.9 (13757.2 to 18543.8)	-18.1 (-20.3 to -16.2)
Tokyo	8999.6 (6659.3 to 11601.5)	8651.3 (6420.4 to 11131.0)	-3.9 (-4.9 to -2.7)	10709.1 (10620.1 to 10792.6)	7079.5 (6932.4 to 7227.8)	-33.9 (-35.4 to -32.4)	19708.6 (17389.8 to 22383.6)	15730.8 (13436.2 to 18321.2)	-20.2 (-22.7 to -18.0)
Kanagawa	8960.5 (6630.7 to 11530.0)	8674.4 (6436.3 to 11136.9)	-3.2 (-4.3 to -1.9)	10465.2 (10377.3 to 10551.1)	6973.5 (6823.1 to 7112.5)	-33.4 (-34.9 to -31.9)	19425.7 (17087.7 to 22031.6)	15647.9 (13358.5 to 18173.1)	-19.4 (-22.0 to -17.4)
Niigata	9240.7 (6857.1 to 11881.8)	9009.5 (6686.6 to 11604.5)	-2.5 (-3.5 to -1.3)	10006.0 (9830.9 to 10198.4)	7039.9 (6764.7 to 7326.2)	-29.7 (-32.6 to -26.3)	19246.7 (16811.9 to 22007.5)	16049.4 (13711.4 to 18692.4)	-16.6 (-19.3 to -14.2)
Toyama	9203.2 (6807.9 to 11851.9)	8872.4 (6592.6 to 11442.0)	-3.6 (-4.6 to -2.4)	10596.1 (10428.3 to 10758.0)	7063.7 (6840.9 to 7289.9)	-33.3 (-35.8 to -30.9)	19799.3 (17388.6 to 22457.8)	15936.0 (13638.9 to 18478.6)	-19.5 (-22.1 to -17.3)
Ishikawa	9093.7 (6732.4 to 11719.0)	8780.2 (6515.9 to 11275.6)	-3.4 (-4.6 to -2.1)	9963.7 (9789.3 to 10140.2)	6723.3 (6528.6 to 6928.8)	-32.5 (-34.9 to -30.2)	19057.4 (16723.9 to 21704.6)	15503.5 (13195.1 to 18024.5)	-18.6 (-21.1 to -16.4)
Fukui	9061.5 (6711.9 to 11705.6)	8728.6 (6493.7 to 11259.6)	-3.7 (-4.7 to -2.6)	9802.3 (9601.7 to 10035.2)	6536.3 (6316.0 to 6751.4)	-33.3 (-36.0 to -30.7)	18863.7 (16546.4 to 21528.4)	15264.9 (13016.4 to 17790.2)	-19.1 (-22.0 to -16.8)
Yamanashi	9047.6 (6720.2 to 11671.0)	8648.6 (6403.9 to 11107.7)	-4.4 (-5.5 to -3.2)	11167.4 (10925.2 to 11418.1)	7097.1 (6786.1 to 7416.3)	-36.4 (-39.5 to -33.3)	20215.0 (17891.8 to 22889.4)	15745.7 (13525.5 to 18238.1)	-22.1 (-25.1 to -19.6)
Nagano	8944.6 (6640.9 to 11522.2)	8639.3 (6432.7 to 11103.9)	-3.4 (-4.5 to -2.3)	9618.5 (9442.0 to 9795.3)	6455.6 (6213.9 to 6711.5)	-33.0 (-35.6 to -29.8)	18563.1 (16263.8 to 21167.7)	15094.9 (12830.6 to 17650.5)	-18.7 (-21.6 to -16.2)
Gifu	9275.5 (6871.3 to 12006.5)	8934.2 (6630.7 to 11517.2)	-3.7 (-4.7 to -2.7)	10281.0 (10104.8 to 10471.0)	7058.7 (6792.6 to 7340.8)	-31.4 (-34.3 to -28.5)	19556.6 (17113.2 to 22315.4)	15992.9 (13649.6 to 18588.9)	-18.2 (-20.9 to -15.8)
Shizuoka	9101.1 (6740.1 to 11772.1)	8805.0 (6545.9 to 11313.1)	-3.3 (-4.4 to -2.0)	10339.4 (10232.0 to 10449.2)	7080.3 (6922.8 to 7234.0)	-31.5 (-33.2 to -29.9)	19440.5 (17071.1 to 22093.9)	15885.2 (13607.9 to 18417.7)	-18.3 (-20.6 to -16.3)
Aichi	8988.4 (6660.0 to 11584.3)	8690.0 (6456.4 to 11151.9)	-3.3 (-4.5 to -2.1)	10691.0 (10603.3 to 10782.1)	7152.8 (7013.4 to 7288.4)	-33.1 (-34.5 to -31.7)	19679.4 (17373.0 to 22286.1)	15842.8 (13634.8 to 18358.4)	-19.5 (-22.0 to -17.4)
Mie	9111.3 (6741.5 to 11708.3)	8779.0 (6508.8 to 11271.2)	-3.6 (-4.8 to -2.4)	10514.6 (10344.4 to 10684.8)	7030.4 (6823.1 to 7237.7)	-33.2 (-35.7 to -30.7)	19625.9 (17235.4 to 22282.4)	15809.4 (13436.2 to 18321.2)	-19.4 (-22.7 to -18.0)

	(6755.5 to 11768.3)	(6522.4 to 11316.7)	(-4.7 to -2.5)	(10373.9 to 10656.9)	(6838.7 to 7235.1)	(-35.1 to -30.9)	(17278.4 to 22295.3)	(13508.6 to 18384.4)	(-22.0 to -17.3)
Shiga	9022.1	8655.9	-4.1	9945.5	6181.3	-37.9	18967.7	14837.3	-21.8
	(6690.4 to 11636.0)	(6424.0 to 11133.5)	(-5.1 to -3.0)	(9738.5 to 10155.9)	(5950.7 to 6427.1)	(-40.5 to -35.0)	(16590.7 to 21601.9)	(12618.5 to 17338.8)	(-24.9 to -19.2)
Kyoto	8995.9	8679.4	-3.5	10394.7	6785.5	-34.7	19390.6	15464.9	-20.2
	(6660.9 to 11600.1)	(6462.4 to 11178.4)	(-4.6 to -2.4)	(10271.5 to 10510.6)	(6596.8 to 6978.3)	(-36.7 to -32.7)	(17063.1 to 22026.1)	(13216.3 to 17975.9)	(-22.9 to -18.1)
Osaka	9032.8	8721.4	-3.4	11902.6	7714.2	-35.2	20935.4	16435.6	-21.5
	(6699.2 to 11630.8)	(6458.9 to 11230.9)	(-4.5 to -2.3)	(11792.5 to 12001.7)	(7501.7 to 7928.7)	(-37.1 to -33.3)	(18620.6 to 23578.7)	(14194.9 to 18989.2)	(-24.2 to -19.1)
Hyogo	9252.8	8976.3	-3.0	11280.9	7119.5	-36.9	20533.7	16095.9	-21.6
	(6844.9 to 11976.7)	(6748.5 to 11584.1)	(-5.1 to 1.1)	(11168.6 to 11393.5)	(6933.0 to 7311.2)	(-38.6 to -35.1)	(18154.5 to 23250.4)	(13833.3 to 18707.5)	(-24.5 to -19.1)
Nara	9114.4	8776.2	-3.7	10276.4	6546.1	-36.3	19390.8	15322.3	-21.0
	(6776.4 to 11737.3)	(6509.1 to 11281.7)	(-4.8 to -2.5)	(10090.7 to 10458.3)	(6320.4 to 6766.1)	(-38.7 to -33.9)	(17062.6 to 22016.1)	(13056.2 to 17834.8)	(-23.6 to -18.5)
Wakayama	9131.4	8747.5	-4.2	11788.9	7501.0	-36.4	20920.3	16248.4	-22.3
	(6781.1 to 11803.3)	(6504.8 to 11290.4)	(-5.3 to -3.1)	(11580.7 to 12016.4)	(7211.2 to 7818.4)	(-39.0 to -33.5)	(18571.1 to 23626.1)	(13987.0 to 18904.0)	(-25.1 to -19.7)
Tottori	9064.4	8749.8	-3.5	11318.2	7662.1	-32.3	20382.6	16411.9	-19.5
	(6729.7 to 11667.8)	(6519.2 to 11255.3)	(-4.6 to -2.3)	(11062.1 to 11608.4)	(7335.8 to 8022.2)	(-35.8 to -28.7)	(17978.6 to 23078.2)	(14190.9 to 18956.6)	(-22.3 to -16.8)
Shimane	9023.1	8633.8	-4.3	10920.5	7255.9	-33.6	19943.6	15889.6	-20.3
	(6688.4 to 11633.4)	(6410.3 to 11112.2)	(-5.4 to -3.1)	(10662.9 to 11194.0)	(6925.1 to 7600.6)	(-37.0 to -29.9)	(17628.4 to 22581.3)	(13621.6 to 18383.5)	(-23.3 to -17.6)
Okayama	9060.4	8678.9	-4.2	10635.2	6968.5	-34.5	19695.6	15647.4	-20.6
	(6739.3 to 11661.1)	(6473.7 to 11205.5)	(-5.3 to -2.9)	(10485.5 to 10789.3)	(6775.4 to 7177.4)	(-36.5 to -32.4)	(17350.6 to 22308.3)	(13388.1 to 18215.6)	(-23.1 to -18.2)
Hiroshima	9045.3	8688.1	-3.9	10790.0	7078.9	-34.4	19835.3	15767.0	-20.5
	(6717.2 to 11649.8)	(6450.1 to 11186.3)	(-5.0 to -2.7)	(10673.7 to 10899.5)	(6913.8 to 7247.3)	(-36.0 to -32.7)	(17492.5 to 22493.2)	(13561.1 to 18264.5)	(-22.9 to -18.5)
Yamaguchi	9134.7	8714.7	-4.6	11325.1	7378.9	-34.8	20459.8	16093.6	-21.3
	(6783.9 to 11795.1)	(6471.0 to 11229.3)	(-5.7 to -3.4)	(11162.6 to 11484.4)	(7156.8 to 7593.6)	(-37.0 to -32.7)	(18019.3 to 23150.6)	(13892.6 to 18651.5)	(-23.8 to -19.1)
Tokushima	9306.5	8937.4	-4.0	11533.1	7805.8	-32.3	20839.5	16743.2	-19.7
	(6895.7 to 12024.2)	(6639.3 to 11489.7)	(-5.0 to -2.8)	(11262.2 to 11797.2)	(7453.8 to 8169.9)	(-35.8 to -28.8)	(18436.5 to 23539.3)	(14415.9 to 19386.2)	(-22.5 to -17.1)
Kagawa	9124.0	8827.7	-3.2	10809.3	7385.8	-31.7	19933.3	16213.5	-18.7
	(6779.2 to 11773.9)	(6552.9 to 11383.8)	(-4.3 to -2.3)	(10611.2 to 11011.9)	(7178.1 to 7610.6)	(-34.0 to -29.2)	(17548.5 to 22684.6)	(13931.1 to 18783.4)	(-21.0 to -16.5)
Ehime	9206.6	8875.6	-3.6	11324.5	7738.3	-31.7	20531.1	16613.9	-19.1
	(6841.3 to 11876.2)	(6573.0 to 11418.0)	(-4.7 to -2.4)	(11074.2 to 11589.4)	(7447.6 to 8065.3)	(-34.7 to -28.4)	(18140.8 to 23264.0)	(14249.1 to 19216.8)	(-21.9 to -16.7)
Kochi	9536.7	9156.4	-4.0	12136.4	8016.1	-33.9	21673.1	17172.5	-20.8
	(7052.9 to 12347.4)	(6800.0 to 11835.7)	(-5.0 to -2.9)	(11948.7 to 12331.8)	(7747.9 to 8260.5)	(-36.3 to -31.7)	(19176.8 to 24524.1)	(14864.5 to 19864.9)	(-23.4 to -18.5)
Fukuoka	9082.5	8751.3	-3.6	11336.3	7121.7	-37.2	20418.8	15873.0	-22.3
	(6751.1 to 11752.0)	(6508.5 to 11249.7)	(-4.9 to -2.3)	(11234.1 to 11437.4)	(6958.5 to 7296.5)	(-38.7 to -35.5)	(18083.4 to 23092.6)	(13657.5 to 18393.5)	(-25.0 to -20.0)
Saga	9166.0	8827.3	-3.7	11461.7	7231.1	-36.9	20627.7	16058.3	-22.2
	(6807.8 to 11836.6)	(6544.2 to 11360.9)	(-4.9 to -2.3)	(11207.6 to 11711.6)	(6916.4 to 7532.0)	(-39.9 to -33.7)	(18258.4 to 23337.1)	(13685.4 to 18619.6)	(-25.3 to -19.5)
Nagasaki	9269.6	8959.1	-3.3	11508.7	7594.2	-34.0	20778.3	16553.3	-20.3
	(6876.6 to 12001.1)	(6652.5 to 11528.0)	(-4.5 to -2.2)	(11354.9 to 11672.0)	(7362.3 to 7831.3)	(-36.3 to -31.8)	(18353.4 to 23570.7)	(14203.2 to 19168.7)	(-22.9 to -17.9)
Kumamoto	9128.7	8801.3	-3.6	10670.9	6924.4	-35.1	19799.6	15725.8	-20.6
	(6779.8 to 11716.0)	(6560.9 to 11328.9)	(-4.8 to -2.4)	(10522.5 to 10813.0)	(6705.2 to 7153.3)	(-37.3 to -32.8)	(17411.9 to 22393.6)	(13443.7 to 18264.2)	(-23.3 to -18.3)
Ōita	9197.4	8775.7	-4.6	10971.0	6989.0	-36.4	20168.5	15764.7	-21.8
	(6825.3 to 11802.5)	(6522.3 to 11285.2)	(-5.7 to -3.5)	(10747.4 to 11195.7)	(6697.0 to 7297.4)	(-39.4 to -33.3)	(17788.1 to 22874.7)	(13507.7 to 18357.2)	(-24.7 to -19.2)
Miyazaki	9113.3	8777.3	-3.7	11549.9	7444.6	-35.5	20663.2	16221.8	-21.5
	(6774.9 to 11760.8)	(6524.3 to 11271.2)	(-4.8 to -2.4)	(11392.0 to 11717.4)	(7230.9 to 7674.3)	(-37.6 to -33.4)	(18312.7 to 23355.8)	(13959.6 to 18791.6)	(-24.1 to -18.9)
Kagoshima	9121.8	8822.5	-3.3	11533.7	7848.1	-32.0	20655.5	16670.6	-19.3
	(6757.4 to 11772.8)	(6552.1 to 11322.5)	(-4.4 to -2.1)	(11310.1 to 11744.0)	(7553.8 to 8170.2)	(-34.7 to -29.1)	(18302.8 to 23311.1)	(14382.2 to 19276.0)	(-22.1 to -16.9)
Okinawa	9174.8	8868.4	-3.3	11414.7	8371.1	-26.7	20589.5	17239.5	-16.3
	(6833.2 to 11824.7)	(6581.1 to 11425.5)	(-4.4 to -2.2)	(11221.1 to 11618.4)	(8111.9 to 8655.0)	(-29.2 to -24.0)	(18205.3 to 23289.9)	(14895.8 to 19894.5)	(-18.7 to -14.0)

B (Men)	Age-standardize YLD rate (per 100 000)			Age-standardize YLL rate (per 100 000)			Age-standardize DALY rate (per 100 000)		
	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015
	Japan	8665.0 (6433.3 to 11158.1)	8390.7 (6253.1 to 10755.6)	-3.2 (-4.1 to -1.9)	14529.5 (14494.8 to 14563.6)	9752.2 (9687.1 to 9818.4)	-32.9 (-33.4 to -32.4)	23194.5 (20959.6 to 25725.3)	18142.8 (15975.9 to 20541.0)
Hokkaido	8582.3 (6373.9 to 11074.9)	8363.4 (6210.1 to 10719.5)	-2.5 (-3.9 to -1.0)	15021.5 (14822.4 to 15259.4)	10083.0 (9600.4 to 10555.2)	-32.8 (-36.1 to -29.6)	23603.7 (21335.8 to 26100.3)	18446.4 (16210.7 to 20842.6)	-21.8 (-24.9 to -19.2)
Aomori	8761.7 (6515.4 to 11297.4)	8480.8 (6287.2 to 10902.6)	-3.2 (-4.6 to -1.7)	17699.1 (17402.6 to 17999.3)	12055.0 (11631.9 to 12454.0)	-31.9 (-34.5 to -29.4)	26460.8 (24136.4 to 29102.3)	20535.9 (18313.3 to 22913.0)	-22.4 (-25.1 to -20.1)
Iwate	8769.5 (6531.3 to 11362.6)	8524.8 (6351.6 to 10938.7)	-2.8 (-4.9 to 0.2)	15636.8 (15347.9 to 16017.8)	11332.1 (10901.0 to 11742.5)	-27.6 (-30.7 to -24.3)	24406.3 (22139.6 to 26968.6)	19856.9 (17623.5 to 22313.3)	-18.6 (-21.5 to -16.0)
Miyagi	8655.9 (6442.1 to 11221.9)	8436.6 (6309.8 to 10829.9)	-2.5 (-4.4 to 0.2)	14269.0 (14038.2 to 14558.7)	9359.0 (9039.0 to 9705.0)	-34.4 (-37.0 to -31.9)	22924.9 (20687.1 to 25514.4)	17795.6 (15610.4 to 20236.4)	-22.4 (-25.2 to -19.7)
Akita	8648.4 (6427.3 to 11172.1)	8409.3 (6245.5 to 10779.7)	-2.8 (-4.2 to -0.9)	15647.0 (15350.9 to 15934.4)	11272.9 (10871.5 to 11677.9)	-28.0 (-30.7 to -25.0)	24295.3 (22042.7 to 26755.1)	19682.2 (17525.3 to 22086.8)	-19.0 (-21.8 to -16.6)
Yamagata	8578.8 (6362.2 to 11028.9)	8304.9 (6200.9 to 10643.7)	-3.2 (-4.6 to -1.7)	13524.8 (13280.4 to 13774.0)	9879.9 (9486.4 to 10235.0)	-27.0 (-30.0 to -24.0)	22103.5 (19862.8 to 24612.4)	18184.8 (15988.0 to 20593.0)	-17.7 (-20.3 to -15.3)
Fukushima	8778.5 (6541.5 to 11300.3)	8468.6 (6319.6 to 10895.1)	-3.5 (-5.0 to -1.8)	15079.8 (14794.8 to 15347.1)	10260.6 (9784.2 to 10690.0)	-31.9 (-35.3 to -28.7)	23858.2 (21549.1 to 26454.9)	18729.2 (16555.6 to 21148.8)	-21.5 (-24.5 to -18.8)
Ibaraki	8734.7 (6481.6 to 11250.4)	8431.5 (6263.4 to 10825.1)	-3.5 (-4.8 to -1.9)	15138.8 (14963.5 to 15313.2)	10391.1 (10077.1 to 10693.4)	-31.3 (-33.7 to -29.2)	23873.6 (21593.5 to 26522.5)	18822.6 (16665.9 to 21290.8)	-21.2 (-23.6 to -19.0)
Tochigi	8695.2 (6446.4 to 11264.4)	8431.4 (6260.0 to 10818.6)	-3.0 (-4.5 to -1.5)	15377.1 (15114.1 to 15627.8)	10423.2 (10085.1 to 10789.5)	-32.3 (-34.7 to -29.7)	24072.2 (21782.4 to 26619.4)	18854.6 (16736.9 to 21250.3)	-21.7 (-24.2 to -19.2)
Gunma	9158.1 (6812.1 to 11792.7)	8876.0 (6596.9 to 11373.0)	-3.1 (-4.3 to -1.6)	13893.8 (13660.0 to 14130.9)	9900.6 (9542.6 to 10269.2)	-28.7 (-31.5 to -25.8)	23051.8 (20624.4 to 25715.9)	18776.6 (16403.5 to 21421.1)	-18.5 (-21.3 to -16.2)
Saitama	8583.5 (6368.5 to 11087.3)	8357.4 (6225.9 to 10710.0)	-2.6 (-4.1 to -1.0)	13941.2 (13793.5 to 14087.8)	9714.1 (9443.6 to 9974.8)	-30.3 (-32.3 to -28.4)	22524.7 (20336.6 to 24987.6)	18071.5 (15894.3 to 20483.7)	-19.8 (-22.2 to -17.7)
Chiba	8658.4 (6433.4 to 11183.3)	8425.9 (6257.6 to 10804.0)	-2.7 (-4.1 to -1.1)	13895.8 (13766.4 to 14037.6)	9645.0 (9415.6 to 9890.9)	-30.6 (-32.2 to -28.7)	22554.2 (20316.3 to 25117.0)	18070.9 (15847.7 to 20513.3)	-19.9 (-22.2 to -17.9)
Tokyo	8647.8 (6403.8 to 11177.5)	8323.4 (6187.3 to 10686.3)	-3.8 (-5.1 to -2.2)	14140.8 (14017.8 to 14264.2)	9357.0 (9080.4 to 9614.3)	-33.8 (-35.7 to -32.0)	22788.6 (20552.5 to 25338.2)	17680.4 (15457.6 to 20174.2)	-22.4 (-24.9 to -20.1)
Kanagawa	8529.3 (6328.8 to 10983.0)	8270.8 (6158.1 to 10589.9)	-3.0 (-4.4 to -1.4)	13716.0 (13583.4 to 13849.7)	9196.5 (8951.6 to 9433.4)	-32.9 (-34.7 to -31.1)	22245.3 (20052.0 to 24768.2)	17467.2 (15305.1 to 19855.7)	-21.5 (-23.9 to -19.3)
Niigata	8770.8 (6517.7 to 11293.1)	8550.3 (6358.0 to 11001.0)	-2.5 (-3.7 to -0.9)	13548.3 (13265.1 to 13831.7)	9606.3 (9129.4 to 10115.8)	-29.1 (-33.0 to -25.0)	22319.1 (20049.2 to 24947.1)	18156.7 (15883.3 to 20740.2)	-18.6 (-21.9 to -15.7)
Toyama	8723.9 (6450.2 to 11271.8)	8461.5 (6305.4 to 10872.3)	-3.0 (-4.3 to -1.6)	14145.7 (13912.0 to 14392.1)	9602.5 (9264.4 to 9980.5)	-32.1 (-34.9 to -29.3)	22869.7 (20586.7 to 25403.5)	18064.0 (15839.2 to 20497.9)	-21.0 (-23.7 to -18.6)
Ishikawa	8619.0 (6384.7 to 11092.1)	8358.4 (6203.4 to 10706.3)	-3.0 (-4.3 to -1.3)	13352.5 (13091.6 to 13610.5)	9017.6 (8699.5 to 9339.2)	-32.5 (-35.4 to -29.6)	21971.5 (19745.7 to 24451.5)	17376.0 (15219.1 to 19800.9)	-20.9 (-23.6 to -18.3)
Fukui	8549.8 (6345.2 to 11020.1)	8251.5 (6143.5 to 10617.5)	-3.5 (-4.8 to -2.1)	12827.4 (12559.1 to 13114.7)	8799.3 (8443.5 to 9159.6)	-31.4 (-34.6 to -28.1)	21377.3 (19174.8 to 23815.9)	17050.8 (14909.0 to 19489.7)	-20.2 (-23.2 to -17.5)
Yamanashi	8721.2 (6499.3 to 11250.4)	8325.4 (6207.9 to 10672.7)	-4.5 (-6.0 to -2.9)	15113.7 (14704.5 to 15562.5)	9688.1 (9155.2 to 10298.6)	-35.9 (-39.9 to -31.7)	23834.9 (21464.8 to 26427.5)	18013.5 (15813.6 to 20402.1)	-24.4 (-27.8 to -21.3)
Nagano	8550.7 (6343.5 to 11036.1)	8285.9 (6171.6 to 10622.4)	-3.1 (-4.4 to -1.5)	12346.9 (12081.0 to 12617.2)	8564.3 (8096.8 to 9037.3)	-30.8 (-34.5 to -26.5)	20897.6 (18657.7 to 23454.4)	16850.1 (14650.6 to 19320.0)	-19.4 (-22.7 to -16.4)
Gifu	9104.0 (6734.2 to 11769.7)	8784.6 (6506.6 to 11327.6)	-3.5 (-4.8 to -2.2)	13101.6 (12817.7 to 13408.0)	9284.8 (8836.6 to 9763.7)	-29.2 (-33.1 to -25.1)	22205.6 (19808.3 to 24857.0)	18069.4 (15756.0 to 20679.7)	-18.6 (-21.7 to -15.7)
Shizuoka	8663.7 (6453.9 to 11158.1)	8424.0 (6273.8 to 10799.5)	-2.8 (-4.1 to -1.2)	13783.8 (13633.4 to 13941.0)	9412.9 (9136.9 to 9695.3)	-31.7 (-33.8 to -29.7)	22447.5 (20211.2 to 24975.6)	17836.9 (15659.4 to 20317.2)	-20.5 (-23.0 to -18.4)
Aichi	8525.7 (6340.2 to 10986.1)	8321.0 (6211.7 to 10722.4)	-2.4 (-3.8 to -0.8)	13884.1 (13744.8 to 14013.6)	9446.4 (9209.0 to 9685.3)	-32.0 (-33.7 to -30.1)	22409.8 (20209.5 to 24885.4)	17767.3 (15635.3 to 20199.3)	-20.7 (-23.2 to -18.4)
Mie	8655.1 (6449.3 to 11204.1)	8390.8 (6248.5 to 10776.9)	-3.1 (-4.4 to -1.6)	13954.2 (13751.6 to 14163.4)	9497.8 (9184.1 to 9844.2)	-31.9 (-34.4 to -29.2)	22609.3 (20366.8 to 25141.0)	17888.6 (15665.9 to 20282.3)	-20.9 (-23.4 to -18.5)
Shiga	8623.3 (6376.6 to 11137.0)	8297.7 (6158.5 to 10664.8)	-3.8 (-5.1 to -2.4)	12838.4 (12521.7 to 13175.1)	8219.7 (7809.2 to 8679.1)	-36.0 (-39.4 to -32.1)	21461.8 (19143.3 to 23960.3)	16517.4 (14392.2 to 18925.7)	-23.0 (-26.5 to -20.1)

Kyoto	8581.4 (6350.5 to 11057.1)	8304.4 (6175.5 to 10672.8)	-3.2 (-4.7 to -1.7)	13670.1 (13476.8 to 13861.7)	9200.1 (8871.5 to 9539.9)	-32.7 (-35.2 to -30.2)	22251.5 (20059.0 to 24783.0)	17504.4 (15342.3 to 19943.1)	-21.3 (-24.0 to -18.9)
Osaka	8568.1 (6348.2 to 11047.3)	8345.9 (6203.9 to 10717.8)	-2.6 (-4.0 to -0.9)	15974.1 (15809.7 to 16141.2)	10408.8 (10022.9 to 10785.3)	-34.9 (-37.5 to -32.4)	24542.2 (22354.3 to 27011.7)	18754.7 (16532.1 to 21218.8)	-23.6 (-26.4 to -20.9)
Hyogo	8774.9 (6490.0 to 11310.6)	8478.8 (6302.7 to 10894.8)	-3.4 (-5.1 to -0.8)	15144.7 (14979.2 to 15321.6)	9614.9 (9316.3 to 9932.6)	-36.5 (-38.6 to -34.2)	23919.6 (21666.6 to 26441.7)	18093.7 (15882.6 to 20542.7)	-24.4 (-27.0 to -21.9)
Nara	8686.1 (6465.0 to 11209.2)	8407.3 (6250.9 to 10778.8)	-3.2 (-4.6 to -1.5)	13469.7 (13210.7 to 13712.1)	8886.8 (8547.3 to 9238.2)	-34.0 (-36.9 to -31.1)	22155.8 (19929.0 to 24660.2)	17294.1 (15153.5 to 19663.8)	-21.9 (-24.7 to -19.4)
Wakayama	8734.5 (6495.9 to 11300.6)	8371.5 (6262.1 to 10752.9)	-4.2 (-5.5 to -2.7)	16232.2 (15878.0 to 16570.1)	10188.8 (9716.2 to 10697.2)	-37.3 (-40.3 to -33.9)	24966.7 (22769.9 to 27584.1)	18560.3 (16354.9 to 21045.7)	-25.7 (-28.8 to -22.7)
Tottori	8683.6 (6453.2 to 11219.3)	8372.9 (6262.1 to 10768.5)	-3.6 (-5.0 to -2.1)	15680.0 (15218.3 to 16168.7)	10695.6 (10081.4 to 11283.5)	-31.7 (-36.0 to -27.5)	24363.6 (21946.5 to 26978.9)	19068.6 (16820.1 to 21555.6)	-21.7 (-25.4 to -18.5)
Shimane	8618.6 (6407.2 to 11118.1)	8210.8 (6112.7 to 10482.7)	-4.7 (-6.1 to -3.3)	15014.9 (14567.6 to 15476.4)	10158.8 (9588.0 to 10780.3)	-32.4 (-36.5 to -27.8)	23633.4 (21347.9 to 26234.8)	18369.5 (16184.3 to 20757.9)	-22.3 (-25.8 to -18.9)
Okayama	8683.3 (6457.8 to 11177.5)	8342.7 (6234.3 to 10731.3)	-3.9 (-5.3 to -2.1)	14404.9 (14155.4 to 14630.4)	9590.7 (9264.0 to 9934.6)	-33.4 (-35.8 to -30.7)	23088.2 (20848.0 to 25609.6)	17933.4 (15749.9 to 20379.3)	-22.3 (-25.0 to -19.8)
Hiroshima	8632.0 (6422.6 to 11080.3)	8324.5 (6187.7 to 10698.6)	-3.6 (-5.0 to -1.7)	14557.6 (14374.4 to 14738.9)	9667.9 (9394.5 to 9957.9)	-33.6 (-35.6 to -31.5)	23189.7 (20986.8 to 25740.0)	17992.3 (15853.5 to 20396.9)	-22.4 (-24.9 to -20.3)
Yamaguchi	8670.0 (6441.4 to 11189.3)	8251.5 (6130.3 to 10597.3)	-4.8 (-6.2 to -3.3)	15491.9 (15248.5 to 15737.1)	10119.3 (9735.2 to 10473.1)	-34.6 (-37.5 to -32.2)	24161.8 (21843.2 to 26696.3)	18370.8 (16283.3 to 20786.6)	-24.0 (-26.8 to -21.5)
Tokushima	8822.3 (6548.0 to 11406.1)	8549.3 (6380.5 to 10971.6)	-3.1 (-4.4 to -1.8)	15579.8 (15160.4 to 16025.6)	10779.5 (10188.0 to 11375.5)	-30.8 (-35.0 to -26.3)	24402.1 (22105.0 to 26969.1)	19328.8 (17020.1 to 21893.3)	-20.8 (-24.2 to -17.6)
Kagawa	8641.6 (6407.2 to 11157.8)	8428.6 (6266.6 to 10838.3)	-2.5 (-3.8 to -1.0)	14473.9 (14183.1 to 14761.9)	10076.8 (9728.6 to 10448.0)	-30.4 (-33.2 to -27.3)	23115.6 (20780.3 to 25716.5)	18505.3 (16268.3 to 20994.7)	-19.9 (-22.7 to -17.3)
Ehime	8768.1 (6535.8 to 11321.8)	8486.3 (6323.0 to 10874.2)	-3.2 (-4.6 to -1.3)	15402.2 (15016.0 to 15810.4)	10775.1 (10238.6 to 11368.7)	-30.1 (-33.9 to -25.9)	24170.4 (21815.6 to 26743.6)	19261.3 (16972.5 to 21735.3)	-20.3 (-23.5 to -17.2)
Kochi	9008.2 (6682.1 to 11633.4)	8660.3 (6437.0 to 11168.0)	-3.9 (-5.2 to -2.6)	16941.0 (16626.5 to 17228.8)	11199.4 (10778.7 to 11632.4)	-33.9 (-36.6 to -31.3)	25949.2 (23545.8 to 28654.3)	19859.7 (17632.0 to 22415.8)	-23.5 (-26.2 to -21.0)
Fukuoka	8618.0 (6402.3 to 11118.5)	8337.4 (6220.1 to 10691.9)	-3.3 (-4.7 to -1.6)	15692.8 (15531.1 to 15866.4)	9760.6 (9469.5 to 10063.5)	-37.8 (-39.7 to -35.6)	24310.9 (22104.4 to 26802.5)	18098.1 (15958.5 to 20499.7)	-25.6 (-28.3 to -23.1)
Saga	8698.5 (6474.4 to 11204.6)	8437.8 (6269.7 to 10843.6)	-3.0 (-4.5 to -1.0)	15626.4 (15216.6 to 16020.3)	10042.5 (9531.2 to 10635.5)	-35.9 (-39.5 to -31.5)	24324.9 (22115.6 to 26935.2)	18480.4 (16214.3 to 20951.4)	-24.0 (-27.6 to -20.8)
Nagasaki	8893.3 (6574.1 to 11528.7)	8625.7 (6435.5 to 11092.1)	-3.0 (-4.3 to -1.6)	15810.8 (15571.7 to 16068.4)	10475.9 (10109.6 to 10856.2)	-33.7 (-36.5 to -31.0)	24704.0 (22358.8 to 27345.6)	19101.6 (16864.8 to 21643.6)	-22.7 (-25.4 to -20.1)
Kumamoto	8748.0 (6494.4 to 11218.1)	8426.6 (6273.8 to 10850.6)	-3.7 (-5.0 to -2.2)	14746.6 (14497.0 to 14974.3)	9303.2 (8941.2 to 9684.2)	-36.9 (-39.7 to -34.2)	23494.7 (21231.8 to 26060.0)	17729.8 (15527.5 to 20220.2)	-24.5 (-27.4 to -21.9)
Ōita	8754.4 (6506.1 to 11248.7)	8421.6 (6263.7 to 10832.2)	-3.8 (-5.2 to -2.3)	14909.5 (14538.7 to 15289.1)	9729.6 (9189.0 to 10284.0)	-34.7 (-38.5 to -30.7)	23663.9 (21341.9 to 26209.2)	18151.2 (16022.6 to 20653.7)	-23.3 (-26.6 to -20.1)
Miyazaki	8769.7 (6508.5 to 11326.3)	8495.6 (6337.0 to 10905.1)	-3.1 (-4.6 to -1.5)	15848.1 (15614.0 to 16111.8)	10356.3 (9987.2 to 10729.9)	-34.6 (-37.3 to -32.2)	24617.8 (22355.1 to 27172.2)	18851.8 (16634.6 to 21308.8)	-23.4 (-26.1 to -20.8)
Kagoshima	8805.9 (6564.2 to 11381.5)	8559.1 (6376.2 to 10971.9)	-2.8 (-4.2 to -1.2)	15691.3 (15363.5 to 16050.0)	10898.2 (10381.4 to 11495.9)	-30.6 (-34.1 to -26.5)	24497.3 (22169.4 to 27040.1)	19457.3 (17226.9 to 21979.3)	-20.6 (-23.8 to -17.6)
Okinawa	8753.1 (6526.4 to 11246.0)	8508.4 (6335.5 to 10885.9)	-2.8 (-4.2 to -1.3)	15745.3 (15462.0 to 16042.2)	11678.1 (11272.3 to 12102.8)	-25.8 (-28.7 to -22.8)	24498.5 (22201.2 to 27099.4)	20186.5 (17835.8 to 22711.3)	-17.6 (-20.2 to -15.2)

C (Women)	Age-standardize YLD rate (per 100 000)			Age-standardize YLL rate (per 100 000)			Age-standardize DALY rate (per 100 000)		
	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015	1990	2015	Percent change 1990–2015
	Japan	9552.2 (7091.6 to 12314.9)	9188.1 (6830.1 to 11844.5)	-3.8 (-4.7 to -2.8)	7858.1 (7833.2 to 7883.8)	5018.3 (4980.8 to 5052.6)	-36.1 (-36.7 to -35.6)	17410.3 (14939.2 to 20177.4)	14206.4 (11834.9 to 16878.8)
Hokkaido	9512.4 (7046.8 to 12259.4)	9128.0 (6795.1 to 11777.0)	-4.0 (-5.4 to -2.6)	8049.3 (7900.9 to 8201.4)	5258.8 (5001.5 to 5503.4)	-34.6 (-38.1 to -31.5)	17561.8 (15084.7 to 20333.8)	14386.7 (11961.6 to 17058.7)	-18.1 (-21.0 to -15.6)
Aomori	9623.5 (7105.8 to 12445.6)	9340.2 (6918.4 to 12018.9)	-2.9 (-4.4 to -1.4)	8379.1 (8182.8 to 8577.5)	5821.5 (5565.0 to 6084.0)	-30.5 (-34.0 to -27.1)	18002.6 (15478.5 to 20854.8)	15161.7 (12769.9 to 17889.2)	-15.8 (-18.5 to -13.3)
Iwate	9555.5 (7087.0 to 12351.6)	9318.6 (6947.8 to 12013.0)	-2.5 (-8.6 to 7.0)	7884.6 (7688.0 to 8095.4)	5163.9 (4919.8 to 5402.0)	-34.5 (-37.9 to -30.9)	17440.1 (15012.5 to 20194.1)	14482.4 (12058.4 to 17280.3)	-17.0 (-21.0 to -11.5)
Miyagi	9623.1 (7176.4 to 12426.4)	9395.3 (7001.9 to 12010.2)	-2.4 (-6.9 to 5.9)	7588.1 (7413.6 to 7773.3)	4789.2 (4573.8 to 5006.7)	-36.8 (-40.1 to -33.6)	17211.2 (14680.1 to 20029.6)	14184.4 (11781.7 to 16836.0)	-17.6 (-21.2 to -13.4)
Akita	9446.4 (7010.1 to 12188.0)	9186.7 (6801.5 to 11860.8)	-2.7 (-4.4 to -0.9)	7709.4 (7520.2 to 7904.9)	5266.1 (5051.5 to 5515.0)	-31.8 (-34.8 to -28.2)	17155.8 (14752.4 to 19927.8)	14452.8 (12103.9 to 17170.0)	-15.8 (-18.4 to -13.5)
Yamagata	9424.8 (6991.7 to 12133.3)	9179.6 (6834.7 to 11866.3)	-2.6 (-4.0 to -1.2)	7088.7 (6917.7 to 7276.0)	5069.3 (4844.4 to 5307.1)	-28.5 (-32.5 to -24.6)	16513.5 (14042.7 to 19280.1)	14248.9 (11877.6 to 16942.1)	-13.7 (-16.4 to -11.5)
Fukushima	9609.6 (7086.1 to 12419.2)	9208.1 (6842.0 to 11885.2)	-4.2 (-6.3 to -1.9)	7928.4 (7722.1 to 8127.8)	4978.1 (4725.8 to 5230.1)	-37.2 (-40.8 to -33.7)	17538.0 (14976.6 to 20351.9)	14186.2 (11766.9 to 16915.9)	-19.1 (-22.4 to -16.4)
Ibaraki	9623.7 (7161.8 to 12421.6)	9248.5 (6831.4 to 11873.2)	-3.9 (-5.4 to -2.5)	8142.7 (8016.9 to 8281.3)	5226.4 (5032.5 to 5422.9)	-35.8 (-38.3 to -33.3)	17766.4 (15309.0 to 20573.7)	14474.9 (12019.5 to 17162.7)	-18.5 (-21.4 to -16.1)
Tochigi	9536.0 (7070.2 to 12335.5)	9145.8 (6788.9 to 11827.3)	-4.1 (-5.5 to -2.5)	8469.0 (8302.0 to 8634.5)	5059.2 (4856.3 to 5275.5)	-40.2 (-43.0 to -37.4)	18005.0 (15437.1 to 20799.0)	14205.0 (11807.4 to 16896.7)	-21.1 (-24.2 to -18.3)
Gunma	9610.1 (7156.4 to 12378.6)	9179.2 (6820.3 to 11874.4)	-4.5 (-5.9 to -3.1)	7958.6 (7783.4 to 8128.1)	5166.6 (4951.3 to 5415.9)	-35.1 (-38.1 to -31.8)	17568.7 (15050.3 to 20413.8)	14345.9 (11883.1 to 17050.8)	-18.3 (-21.3 to -15.8)
Saitama	9593.2 (7107.7 to 12360.3)	9255.4 (6873.1 to 11909.3)	-3.5 (-4.9 to -2.0)	7949.3 (7829.0 to 8065.7)	5276.5 (5112.0 to 5450.5)	-33.7 (-35.8 to -31.2)	17542.5 (15032.6 to 20312.6)	14531.8 (12131.2 to 17268.1)	-17.2 (-19.8 to -14.9)
Chiba	9605.9 (7133.9 to 12400.7)	9239.9 (6840.5 to 11958.8)	-3.8 (-5.2 to -2.4)	7600.4 (7493.6 to 7702.7)	5031.4 (4879.4 to 5186.8)	-33.8 (-36.0 to -31.5)	17206.3 (14733.5 to 19986.7)	14271.3 (11857.5 to 16959.0)	-17.1 (-19.7 to -14.9)
Tokyo	9429.4 (6991.2 to 12178.9)	9037.7 (6692.4 to 11674.9)	-4.2 (-5.5 to -2.6)	7814.4 (7720.0 to 7912.2)	5039.4 (4880.9 to 5205.4)	-35.5 (-37.8 to -33.2)	17243.8 (14772.8 to 20062.7)	14077.1 (11669.9 to 16762.2)	-18.4 (-21.1 to -16.0)
Kanagawa	9488.2 (7021.1 to 12236.5)	9152.6 (6782.7 to 11851.4)	-3.5 (-4.9 to -1.8)	7589.5 (7482.3 to 7693.7)	4914.4 (4746.5 to 5071.1)	-35.2 (-37.5 to -33.1)	17077.7 (14582.6 to 19814.0)	14067.0 (11661.5 to 16806.1)	-17.6 (-20.4 to -15.3)
Niigata	9744.3 (7219.2 to 12523.0)	9521.2 (7065.7 to 12278.6)	-2.3 (-3.7 to -0.8)	7123.4 (6924.7 to 7333.7)	4730.1 (4471.0 to 5017.1)	-33.6 (-37.7 to -29.0)	16867.7 (14327.5 to 19708.4)	14251.3 (11723.0 to 17089.4)	-15.5 (-18.6 to -12.7)
Toyama	9700.7 (7179.9 to 12514.1)	9355.5 (6947.1 to 12092.8)	-3.6 (-5.1 to -2.1)	7721.0 (7530.4 to 7912.8)	4835.8 (4612.7 to 5078.7)	-37.3 (-40.6 to -33.8)	17421.7 (14883.1 to 20214.1)	14191.3 (11759.0 to 16896.9)	-18.5 (-21.9 to -15.9)
Ishikawa	9593.6 (7117.3 to 12404.5)	9261.2 (6885.7 to 11921.4)	-3.5 (-4.9 to -1.8)	7227.5 (7044.2 to 7416.5)	4722.1 (4523.6 to 4926.9)	-34.6 (-37.9 to -31.3)	16821.0 (14370.0 to 19576.3)	13983.4 (11557.6 to 16726.7)	-16.9 (-19.9 to -14.4)
Fukui	9612.2 (7115.4 to 12413.4)	9250.4 (6886.5 to 11957.2)	-3.8 (-5.2 to -2.2)	7324.2 (7112.6 to 7557.7)	4530.3 (4319.0 to 4744.7)	-38.2 (-41.6 to -34.6)	16936.4 (14495.6 to 19787.0)	13780.7 (11392.0 to 16480.0)	-18.6 (-22.0 to -15.9)
Yamanashi	9432.9 (6982.6 to 12168.1)	9029.1 (6695.9 to 11682.1)	-4.3 (-5.6 to -2.8)	7840.3 (7579.8 to 8092.6)	4738.8 (4448.4 to 5041.1)	-39.5 (-43.5 to -34.9)	17273.3 (14834.8 to 20013.0)	13767.9 (11381.0 to 16446.1)	-20.3 (-23.8 to -17.0)
Nagano	9378.1 (6951.9 to 12105.7)	9045.2 (6697.4 to 11644.8)	-3.5 (-4.9 to -2.1)	7341.0 (7131.5 to 7551.7)	4534.3 (4273.9 to 4798.6)	-38.2 (-42.4 to -34.2)	16719.1 (14365.3 to 19513.2)	13579.5 (11231.9 to 16264.0)	-18.8 (-22.3 to -15.6)
Gifu	9469.7 (7047.0 to 12234.1)	9119.7 (6771.4 to 11757.1)	-3.7 (-5.1 to -2.3)	7886.0 (7688.3 to 8110.4)	5077.6 (4814.3 to 5369.7)	-35.7 (-39.3 to -31.5)	17355.7 (14877.0 to 20173.2)	14197.2 (11841.3 to 16883.1)	-18.2 (-21.4 to -15.5)
Shizuoka	9586.3 (7096.8 to 12381.6)	9250.4 (6845.7 to 11955.9)	-3.5 (-4.9 to -2.0)	7446.0 (7331.0 to 7573.4)	4947.0 (4782.6 to 5105.6)	-33.5 (-36.0 to -31.3)	17032.3 (14538.3 to 19824.2)	14197.4 (11816.9 to 16899.8)	-16.6 (-19.2 to -14.4)
Aichi	9513.8 (7061.6 to 12266.9)	9128.9 (6792.5 to 11776.0)	-4.0 (-5.5 to -2.6)	7990.9 (7888.7 to 8093.9)	5030.9 (4885.0 to 5190.2)	-37.0 (-39.0 to -35.0)	17504.8 (15064.7 to 20315.6)	14159.8 (11794.7 to 16903.9)	-19.1 (-21.8 to -16.7)
Mie	9595.1 (7104.0 to 12399.4)	9222.3 (6831.1 to 11905.6)	-3.9 (-5.2 to -2.5)	7689.3 (7538.1 to 7850.0)	4798.0 (4612.3 to 5005.3)	-37.7 (-40.2 to -34.7)	17284.4 (14783.3 to 20127.8)	14020.3 (11537.8 to 16731.8)	-18.9 (-21.9 to -16.3)
Shiga	9464.5 (7045.3 to 12228.1)	9062.6 (6744.1 to 11673.9)	-4.2 (-5.7 to -2.9)	7551.1 (7316.8 to 7845.4)	4314.6 (4069.8 to 4562.3)	-42.9 (-46.7 to -39.0)	17015.6 (14553.6 to 19846.4)	13377.2 (11059.7 to 16054.8)	-21.4 (-24.9 to -18.4)

Kyoto	9452.4 (6977.6 to 12233.7)	9081.3 (6744.1 to 11735.0)	-3.9 (-5.3 to -2.5)	7740.6 (7599.9 to 7883.9)	4693.7 (4501.3 to 4882.2)	-39.4 (-41.9 to -36.7)	17193.0 (14762.1 to 19970.2)	13775.1 (11425.5 to 16460.1)	-19.9 (-23.0 to -17.3)
Osaka	9543.5 (7072.3 to 12349.6)	9119.9 (6762.0 to 11770.3)	-4.4 (-5.7 to -3.0)	8549.1 (8426.7 to 8670.0)	5361.9 (5159.3 to 5577.0)	-37.3 (-39.7 to -34.6)	18092.6 (15636.0 to 20906.0)	14481.8 (12110.3 to 17206.6)	-20.0 (-22.8 to -17.6)
Hyogo	9746.5 (7227.6 to 12652.3)	9481.5 (7117.6 to 12188.1)	-2.7 (-6.1 to 4.1)	8120.7 (8003.7 to 8246.0)	4962.4 (4783.3 to 5145.3)	-38.9 (-41.4 to -36.4)	17867.1 (15373.6 to 20760.0)	14443.9 (12003.9 to 17219.3)	-19.2 (-22.8 to -15.3)
Nara	9549.0 (7064.7 to 12325.1)	9140.5 (6783.3 to 11792.2)	-4.3 (-5.6 to -2.9)	7677.4 (7505.2 to 7855.8)	4551.2 (4330.0 to 4771.1)	-40.8 (-43.7 to -37.4)	17226.4 (14742.0 to 20010.4)	13691.6 (11325.3 to 16327.3)	-20.5 (-23.7 to -17.8)
Wakayama	9537.4 (7080.8 to 12274.2)	9150.3 (6768.7 to 11839.4)	-4.1 (-5.4 to -2.6)	8257.1 (8013.5 to 8509.1)	5227.9 (4935.6 to 5563.1)	-36.8 (-40.4 to -32.1)	17794.5 (15287.3 to 20698.1)	14378.3 (12012.0 to 17127.7)	-19.2 (-22.4 to -16.1)
Tottori	9491.6 (7028.5 to 12239.3)	9183.2 (6830.2 to 11828.4)	-3.2 (-4.6 to -1.8)	7860.8 (7566.8 to 8157.1)	5014.3 (4739.6 to 5354.2)	-36.3 (-40.5 to -31.4)	17352.4 (14854.1 to 20162.7)	14197.5 (11849.6 to 16892.6)	-18.2 (-21.8 to -15.2)
Shimane	9460.9 (6992.7 to 12289.7)	9123.7 (6782.1 to 11824.4)	-3.6 (-5.1 to -1.8)	7622.5 (7354.5 to 7899.9)	4664.5 (4357.3 to 4978.7)	-38.8 (-43.2 to -34.1)	17083.4 (14618.8 to 19892.2)	13788.2 (11412.5 to 16500.2)	-19.3 (-22.9 to -16.1)
Okayama	9459.8 (7024.3 to 12176.1)	9049.6 (6701.0 to 11691.4)	-4.3 (-5.7 to -2.9)	7556.7 (7391.6 to 7729.6)	4674.8 (4457.7 to 4868.3)	-38.1 (-41.2 to -35.5)	17016.6 (14550.1 to 19749.0)	13724.4 (11365.3 to 16368.2)	-19.3 (-22.4 to -16.7)
Hiroshima	9485.3 (7002.5 to 12252.2)	9100.1 (6766.9 to 11774.8)	-4.1 (-5.4 to -2.6)	7681.2 (7544.9 to 7816.2)	4797.3 (4643.3 to 4969.3)	-37.5 (-40.0 to -35.0)	17166.5 (14693.4 to 19947.5)	13897.4 (11540.3 to 16603.6)	-19.0 (-22.0 to -16.7)
Yamaguchi	9601.2 (7109.9 to 12412.8)	9227.6 (6837.2 to 11887.7)	-3.9 (-5.3 to -2.3)	8022.9 (7844.4 to 8196.0)	5051.8 (4831.7 to 5263.5)	-37.1 (-39.9 to -34.1)	17624.1 (15121.7 to 20460.3)	14279.4 (11907.5 to 17065.9)	-19.0 (-22.1 to -16.3)
Tokushima	9798.0 (7259.7 to 12648.2)	9359.2 (6941.9 to 12083.7)	-4.5 (-5.8 to -3.0)	8305.5 (8013.9 to 8598.4)	5203.9 (4865.3 to 5540.0)	-37.4 (-41.8 to -32.5)	18103.5 (15569.3 to 21016.1)	14563.1 (12121.4 to 17301.9)	-19.6 (-23.0 to -16.5)
Kagawa	9623.1 (7161.8 to 12436.4)	9265.5 (6865.8 to 11975.2)	-3.7 (-5.0 to -2.4)	7825.6 (7622.5 to 8042.6)	5011.6 (4804.7 to 5224.7)	-35.9 (-39.1 to -32.6)	17448.7 (14959.4 to 20290.5)	14277.1 (11876.9 to 16999.6)	-18.2 (-21.3 to -15.7)
Ehime	9641.2 (7184.7 to 12419.5)	9297.9 (6888.1 to 11997.2)	-3.6 (-5.0 to -2.0)	8091.7 (7832.8 to 8350.8)	5169.0 (4884.0 to 5467.9)	-36.1 (-40.2 to -32.1)	17732.9 (15246.6 to 20644.8)	14466.9 (12016.7 to 17247.5)	-18.4 (-22.1 to -15.6)
Kochi	10067.7 (7459.8 to 13027.6)	9693.1 (7180.3 to 12569.2)	-3.7 (-5.0 to -2.3)	8373.5 (8169.9 to 8575.6)	5296.1 (5035.8 to 5550.0)	-36.8 (-40.2 to -33.3)	18441.2 (15828.5 to 21418.8)	14989.1 (12397.0 to 17927.7)	-18.7 (-21.8 to -16.1)
Fukuoka	9563.6 (7093.4 to 12413.5)	9183.5 (6832.6 to 11858.2)	-4.0 (-5.6 to -2.3)	7902.8 (7788.7 to 8020.4)	4936.1 (4778.8 to 5106.5)	-37.5 (-39.8 to -35.1)	17466.4 (15004.0 to 20325.7)	14119.6 (11778.7 to 16806.2)	-19.2 (-22.0 to -16.5)
Saga	9636.5 (7141.7 to 12435.0)	9242.1 (6833.6 to 11916.4)	-4.1 (-5.6 to -2.6)	8224.7 (7951.5 to 8503.4)	4867.1 (4573.7 to 5175.4)	-40.8 (-44.7 to -36.7)	17861.3 (15356.1 to 20789.9)	14109.2 (11685.8 to 16827.1)	-21.0 (-24.6 to -17.9)
Nagasaki	9652.7 (7166.8 to 12489.8)	9315.8 (6923.6 to 12027.2)	-3.5 (-5.0 to -1.9)	8194.7 (8018.0 to 8363.2)	5193.4 (4963.9 to 5430.6)	-36.6 (-39.6 to -33.3)	17847.4 (15347.3 to 20714.5)	14509.2 (12095.7 to 17287.2)	-18.7 (-21.8 to -16.2)
Kumamoto	9521.0 (7081.3 to 12263.6)	9194.2 (6835.1 to 11882.5)	-3.4 (-5.0 to -1.8)	7492.4 (7332.3 to 7651.2)	4922.4 (4686.6 to 5178.1)	-34.2 (-37.6 to -30.8)	17013.4 (14543.0 to 19715.2)	14116.6 (11755.0 to 16780.5)	-17.0 (-19.9 to -14.4)
Ōita	9636.6 (7150.5 to 12447.1)	9173.3 (6823.4 to 11865.3)	-4.8 (-6.2 to -3.5)	7869.9 (7624.2 to 8110.8)	4653.3 (4375.6 to 4941.8)	-41.0 (-44.7 to -36.5)	17506.6 (14990.7 to 20359.1)	13826.6 (11389.2 to 16578.8)	-21.0 (-24.8 to -18.0)
Miyazaki	9462.4 (7045.8 to 12210.1)	9076.0 (6753.7 to 11704.9)	-4.1 (-5.4 to -2.6)	8210.3 (8033.8 to 8398.0)	4976.2 (4766.1 to 5200.0)	-39.4 (-42.3 to -36.5)	17672.7 (15216.9 to 20468.2)	14052.2 (11681.4 to 16743.4)	-20.5 (-23.8 to -17.7)
Kagoshima	9457.8 (7029.5 to 12189.3)	9094.6 (6753.9 to 11738.7)	-3.8 (-5.2 to -2.4)	8352.0 (8108.8 to 8609.4)	5247.7 (4940.4 to 5556.8)	-37.2 (-41.0 to -33.0)	17809.8 (15341.8 to 20571.1)	14342.3 (11907.9 to 17032.0)	-19.5 (-23.0 to -16.5)
Okinawa	9658.5 (7177.8 to 12489.6)	9252.4 (6866.3 to 11905.1)	-4.2 (-5.5 to -2.9)	8014.1 (7811.2 to 8234.8)	5325.9 (5081.2 to 5579.3)	-33.6 (-37.1 to -29.8)	17672.6 (15172.7 to 20523.5)	14578.2 (12158.1 to 17333.7)	-17.5 (-20.5 to -14.8)

Japan and prefectures are ordered from north (Hokkaido) to south (Okinawa).

Web Table 4: Major health system inputs - per capita health expenditure in 2015 and number of physicians, registered nurses, and public health nurses per population in 2014.

	Per capita health expenditure (USD) in 2015	Number of health workforces per 100 000 in 2014*		
		Physician	Registered nurse	Public health nurse
Japan	2126.4	233.6	855.2	38.1
Hokkaido	2577.6	230.2	1069.1	56.1
Aomori	2135.6	193.3	929.1	45.6
Iwate	2005.9	192.0	1007.6	52.7
Miyagi	1935.9	221.2	778.3	44.1
Akita	2230.1	216.3	1005.9	54.5
Yamagata	2183.8	215.0	958.5	49.1
Fukushima	2041.3	188.7	797.5	48.9
Ibaraki	1788.7	169.6	674.0	37.6
Tochigi	2048.5	212.8	758.5	42.3
Gunma	2158.3	218.9	838.1	45.9
Saitama	1611.1	152.8	568.9	25.9
Chiba	1731.6	182.9	625.1	29.9
Tokyo	2031.7	304.5	727.3	25.4
Kanagawa	1707.6	201.8	672.4	22.8
Niigata	1927.0	188.2	906.5	51.8
Toyama	2236.1	234.9	1072.3	56.7
Ishikawa	2360.8	270.6	1170.8	47.2
Fukui	2301.6	240.0	1007.3	63.7
Yamanashi	1988.9	222.3	873.2	70.0
Nagano	2047.6	216.8	969.1	69.5
Gifu	2006.6	202.9	788.8	44.6
Shizuoka	1960.2	193.9	787.4	43.2
Aichi	1936.6	202.1	724.5	31.4
Mie	1969.1	207.3	817.0	35.3
Shiga	1854.7	211.6	899.4	47.2
Kyoto	2292.3	307.9	943.9	41.6
Osaka	2363.1	261.9	821.8	24.3
Hyogo	2146.4	232.1	860.4	28.3
Nara	2227.4	225.7	830.6	34.6
Wakayama	2482.8	277.5	991.7	48.8
Tottori	2428.1	289.6	1104.5	52.3
Shimane	2378.5	265.2	1132.0	66.3
Okayama	2490.5	287.8	1087.6	48.6
Hiroshima	2382.1	252.2	965.5	37.1
Yamaguchi	2571.5	244.8	1107.8	50.4
Tokushima	2719.6	303.3	1104.2	51.0
Kagawa	2459.7	268.3	1071.8	53.6
Ehime	2530.4	254.4	1101.5	48.2
Kochi	3022.6	293.0	1314.4	68.8
Fukuoka	2570.7	292.9	1073.5	33.0
Saga	2474.8	266.2	1200.0	55.9
Nagasaki	2665.2	287.8	1181.7	49.3
Kumamoto	2664.1	275.3	1189.1	50.7
Ōita	2634.3	260.8	1151.3	57.4
Miyazaki	2408.0	233.2	1154.8	54.6
Kagoshima	2729.5	247.8	1215.6	52.8
Okinawa	2150.3	241.5	951.9	51.0

Japan and prefectures are ordered from north (Hokkaido) to south (Okinawa). *Data was extracted from the database maintained by the Ministry of Health, Labour and Welfare of Japan (physicians; <http://www.mhlw.go.jp/toukei/saikin/hw/ishi/14/index.html>, registered nurses and public health nurses; <http://www.mhlw.go.jp/toukei/saikin/hw/eisei/14/>).