

Regional Population Projections for Japan

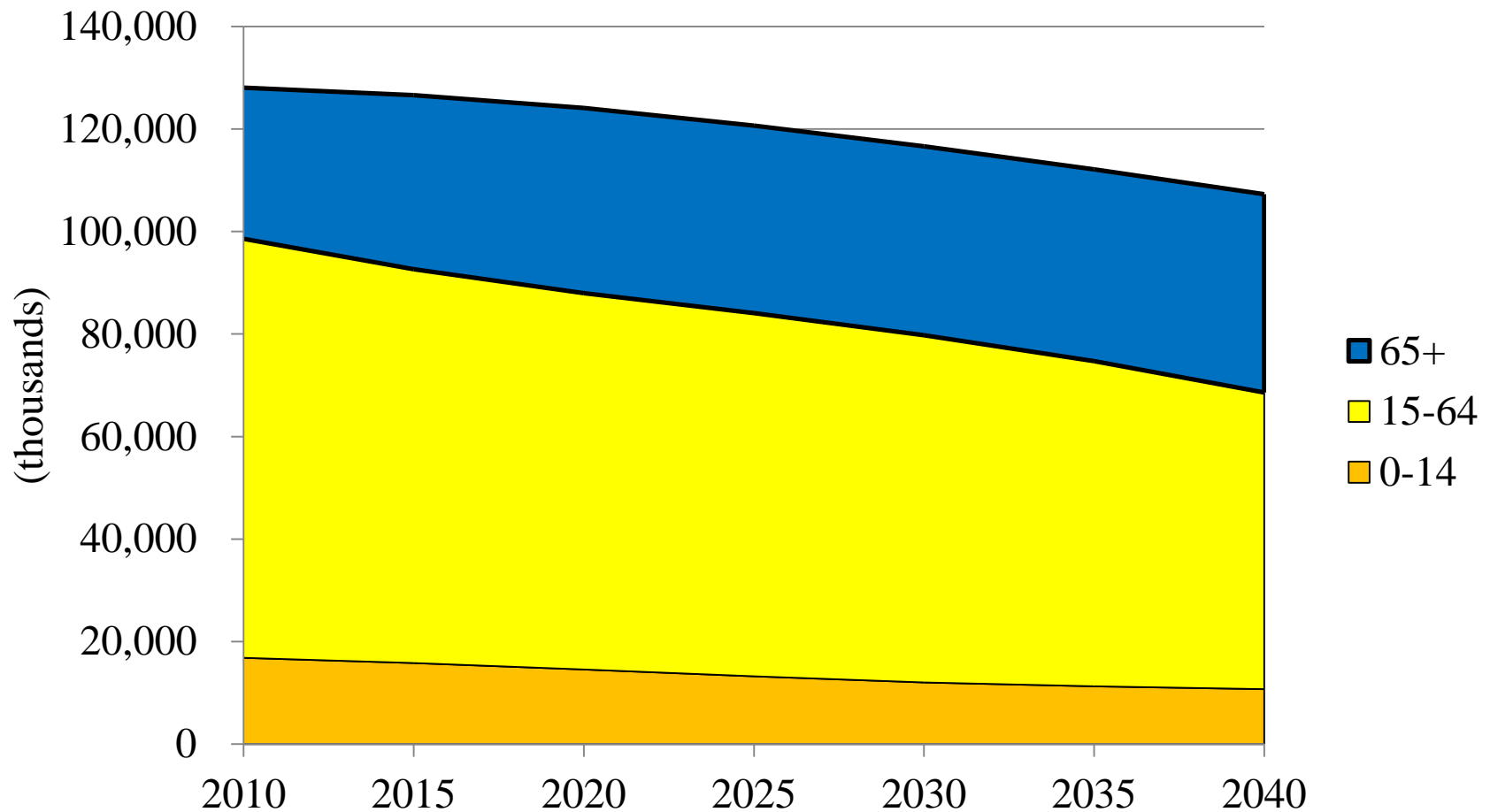
(published in March, 2013)

 **National Institute of Population and Social Security Research**

Framework

- Projection of total population (including foreigners living in Japan) by age, sex and region between 2010 and 2040.
- Regional populations for 1,799 municipalities (23 Tokyo special wards, 128 wards in 12 major cities, 764 cities, 715 towns and 169 villages) were projected.
- For Fukushima prefecture, projection by municipality was not conducted but only prefectural population was projected.
- The grand total is consistent with the medium fertility/mortality variant of population projection for whole Japan published in January, 2012.

Total Population of Japan, 2010~2040 (medium fertility/mortality variant)



Population Changes in Japan, 2010~2040 (medium fertility/mortality variant)

	2010	2025	2040
Total	128,057 (100.0)	120,659 (100.0)	107,276 (100.0)
0-14	16,839 (13.1)	13,240 (11.0)	10,732 (10.0)
15-64	81,735 (63.8)	70,845 (58.7)	57,866 (53.9)
65+	29,484 (23.0)	36,573 (30.3)	38,678 (36.1)

Projection Results by Prefecture

Total Population in 2010, 2025 and 2040

Rank	2010		2025		2040	
-	Whole Japan	128,057	Whole Japan	120,659	Whole Japan	107,276
1	Tokyo	13,159	Tokyo	13,179	Tokyo	12,308
2	Kanagawa	9,048	Kanagawa	9,010	Kanagawa	8,343
3	Osaka	8,865	Osaka	8,410	Osaka	7,454
4	Aichi	7,411	Aichi	7,348	Aichi	6,856
5	Saitama	7,195	Saitama	6,991	Saitama	6,305
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43	Fukui	806	Fukui	731	Fukui	633
44	Tokushima	785	Tokushima	686	Tokushima	571
45	Kochi	764	Kochi	655	Kochi	537
46	Shimane	717	Shimane	622	Shimane	521
47	Tottori	589	Tottori	520	Tottori	441

Number of Prefectures by Population Increase/Decrease

	2010-15	2015-20	2020-25	2025-30	2030-35	2035-40
Increase	6	1	0	0	0	0
Decrease	41	46	47	47	47	47

Rank	2010-15		2015-20		2020-25	
1.	Tokyo	1.4	Okinawa	0.5	Okinawa	-0.2
2.	Okinawa	1.3	Tokyo	-0.3	Tokyo	-1.0
3.	Kanagawa	1.1	Kanagawa	-0.3	Shiga	-1.1
4.	Aichi	0.8	Shiga	-0.4	Kanagawa	-1.2
5.	Shiga	0.6	Aichi	-0.4	Aichi	-1.2
6.	Saitama	0.2	Saitama	-1.0	Saitama	-2.0
7.	Chiba	-0.4	Chiba	-1.1	Chiba	-2.2
8.	Fukuoka	-0.5	Fukuoka	-1.5	Fukuoka	-2.3
9.	Osaka	-0.6	Miyagi	-1.6	Miyagi	-2.6
10.	Kyoto	-0.8	Osaka	-1.8	Kyoto	-2.6

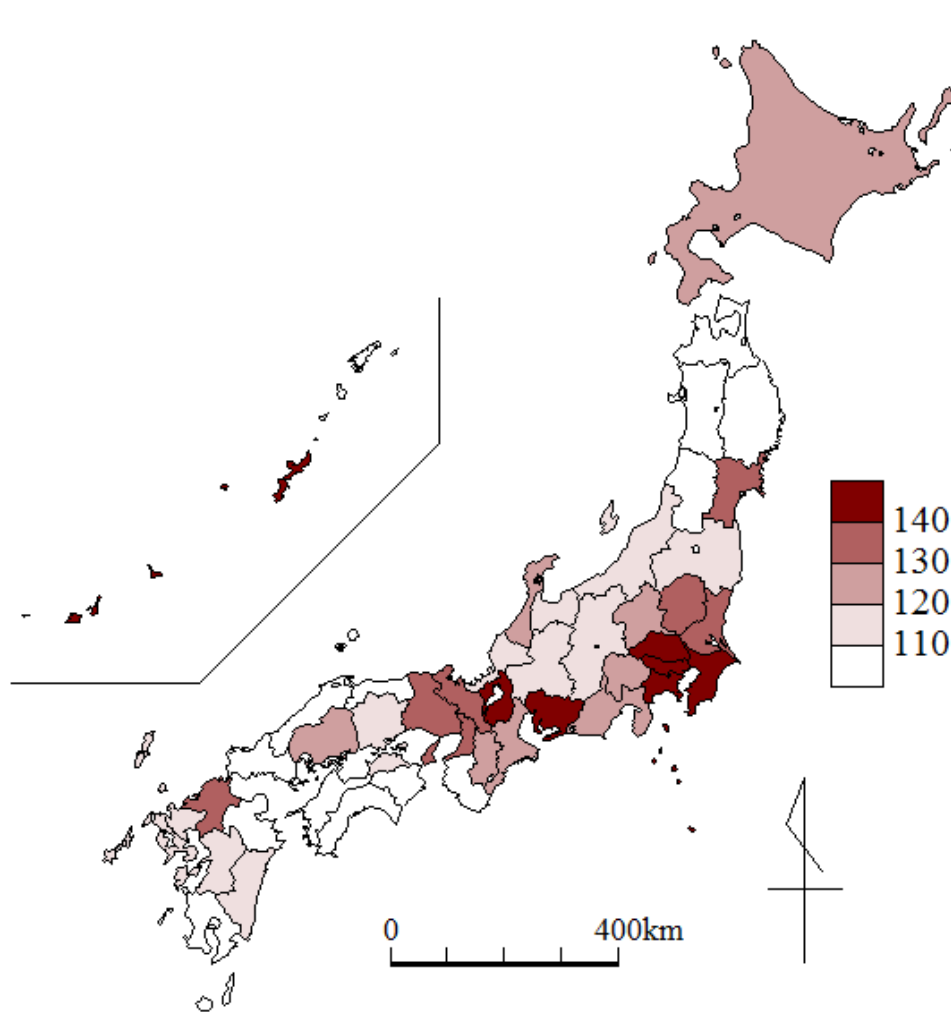
Regional Pattern of Population Aging

- (1) Increase in absolute number of elderly population
- (2) Increase in proportion of elderly population

Index of Elderly Population Aged 65+ in 2025 and 2040 (2010=100)

Rank	2025		2040	
-	Whole Japan	124.0	Whole Japan	131.2
1	Okinawa	145.7	Okinawa	171.3
2	Saitama	134.8	Kanagawa	159.5
3	Chiba	134.2	Tokyo	153.7
4	Kanagawa	133.8	Saitama	149.7
5	Shiga	131.8	Aichi	147.4
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43	Yamaguchi	111.2	Yamagata	101.8
44	Wakayama	110.5	Yamaguchi	100.8
45	Akita	109.8	Kochi	99.7
46	Kochi	109.6	Shimane	97.6
47	Shimane	108.4	Akita	95.5

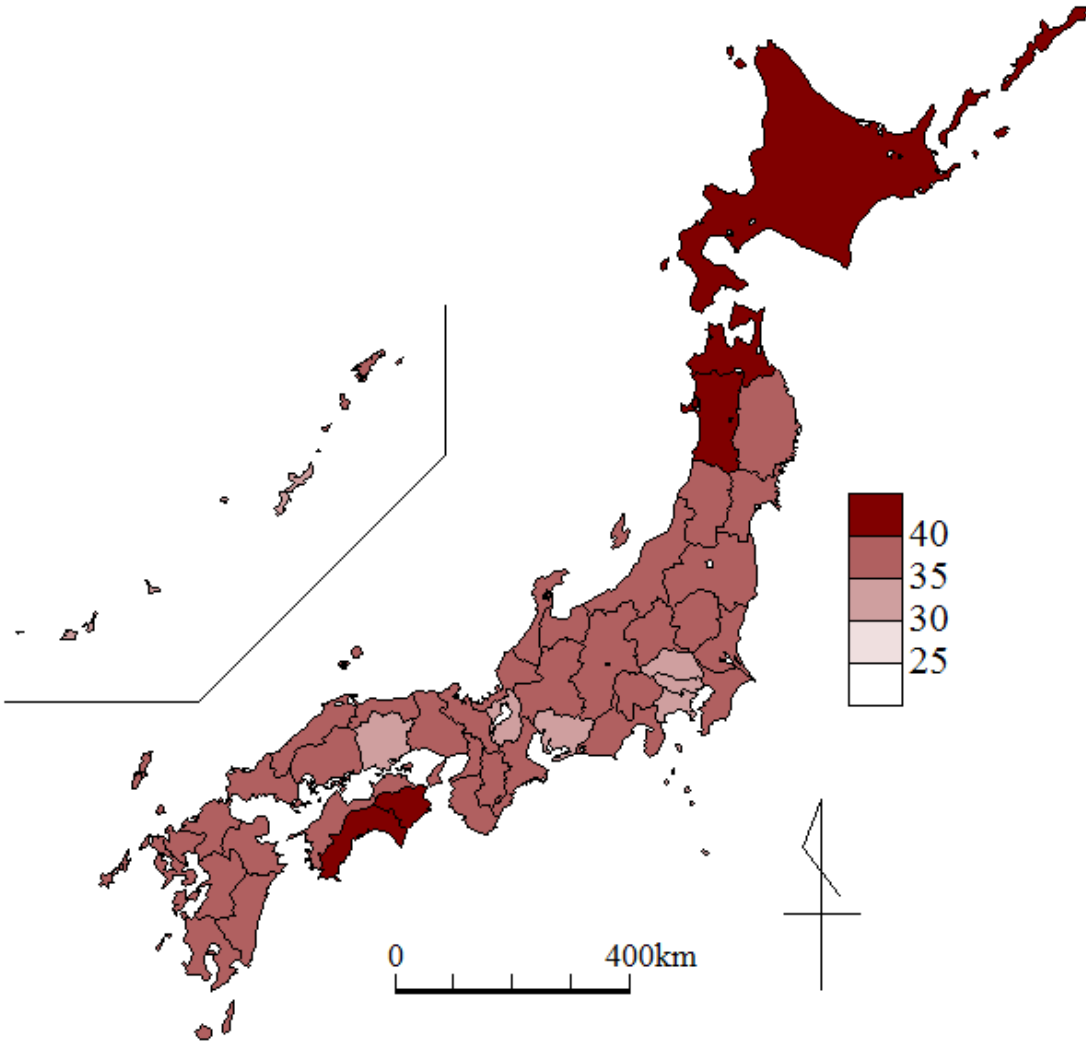
Index of Elderly Population Aged 65+ in 2040 (2010=100)



Proportion of Elderly Aged 65+ in 2010, 2025 and 2040

Rank	2010		2025		2040	
-	Whole Japan	23.0	Whole Japan	30.3	Whole Japan	36.1
1	Akita	29.6	Akita	39.5	Akita	43.8
2	Shimane	29.1	Kochi	36.9	Aomori	41.5
3	Kochi	28.8	Shimane	36.4	Kochi	40.9
4	Yamaguchi	28.0	Tokushima	35.8	Hokkaido	40.7
5	Yamagata	27.6	Aomori	35.8	Tokushima	40.2
:	:		:		:	
43	Saitama	20.4	Shiga	27.5	Okayama	34.8
44	Tokyo	20.4	Kanagawa	27.2	Tokyo	33.5
45	Aichi	20.3	Aichi	26.4	Shiga	32.8
46	Kanagawa	20.2	Tokyo	25.2	Aichi	32.4
47	Okinawa	17.4	Okinawa	25.0	Okinawa	30.3

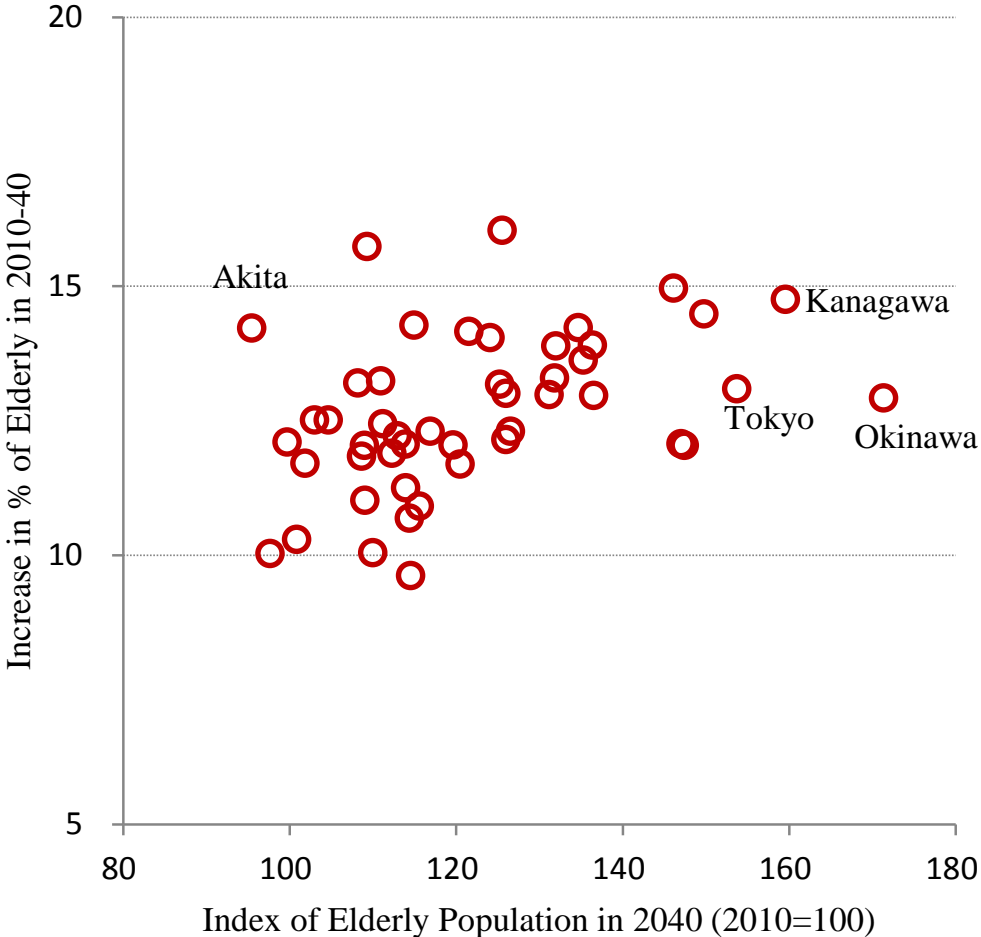
Proportion of Elderly Aged 65+ in 2040 (%)



Regional Pattern of Population Aging: Summary

	Metropolitan Area	Rural Area
Increase in Absolute Number of Elderly in 2010~40	Rapid	Slow
Proportion of Elderly in 2040	Low	High

Relationship between Changes in Absolute Number and Proportion of Elderly Aged 65+



Regional Pattern in Proportion of Elderly Aged 65+ in 2010 and 2040

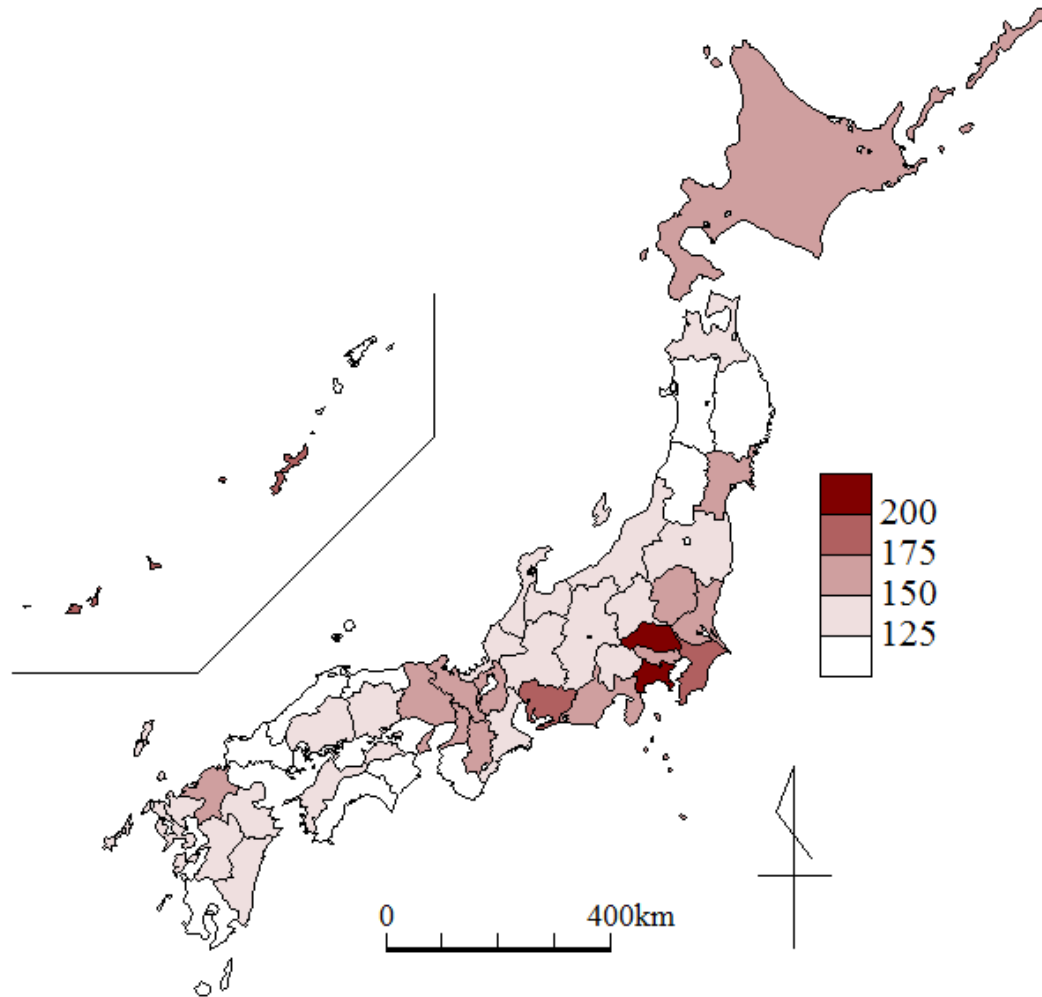


Index of Elderly Population

Aged 75+ in 2025 and 2040 (2010=100)

Rank	2025		2040	
-	Whole Japan	153.5	Whole Japan	156.6
1	Saitama	199.7	Saitama	203.3
2	Chiba	192.3	Kanagawa	200.7
3	Kanagawa	187.2	Okinawa	198.0
4	Osaka	181.3	Chiba	194.7
5	Aichi	176.7	Aichi	182.3
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43	Iwate	121.4	Yamaguchi	118.1
44	Akita	117.2	Yamagata	116.0
45	Kagoshima	116.1	Akita	113.6
46	Shimane	114.8	Kochi	113.3
47	Yamagata	114.5	Shimane	107.8

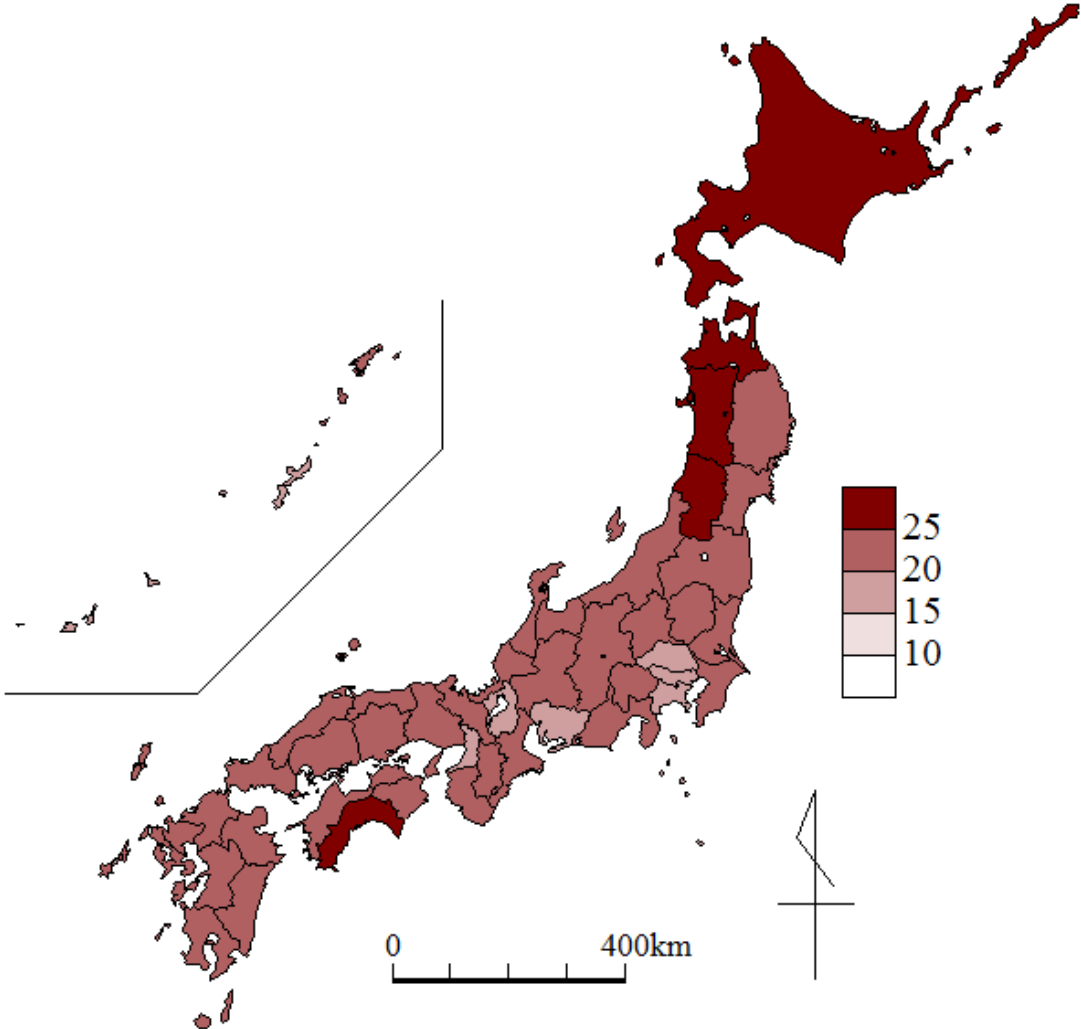
Index of Elderly Population Aged 75+ in 2040 (2010=100)



Proportion of Elderly Aged 75+ in 2010, 2025 and 2040

Rank	2010		2025		2040	
-	Whole Japan	11.1	Whole Japan	18.1	Whole Japan	20.7
1	Shimane	16.6	Akita	23.0	Akita	28.4
2	Akita	16.1	Kochi	22.7	Aomori	25.8
3	Kochi	15.9	Shimane	22.1	Kochi	25.7
4	Yamagata	15.5	Yamaguchi	21.8	Yamagata	25.1
5	Kagoshima	14.9	Tokushima	21.3	Hokkaido	25.1
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43	Chiba	9.1	Kanagawa	16.5	Saitama	19.0
44	Aichi	8.9	Shiga	16.0	Shiga	18.5
45	Kanagawa	8.8	Aichi	15.9	Aichi	17.6
46	Okinawa	8.7	Tokyo	15.0	Okinawa	17.5
47	Saitama	8.2	Okinawa	12.8	Tokyo	17.4

Proportion of Elderly Aged 75+ in 2040 (%)

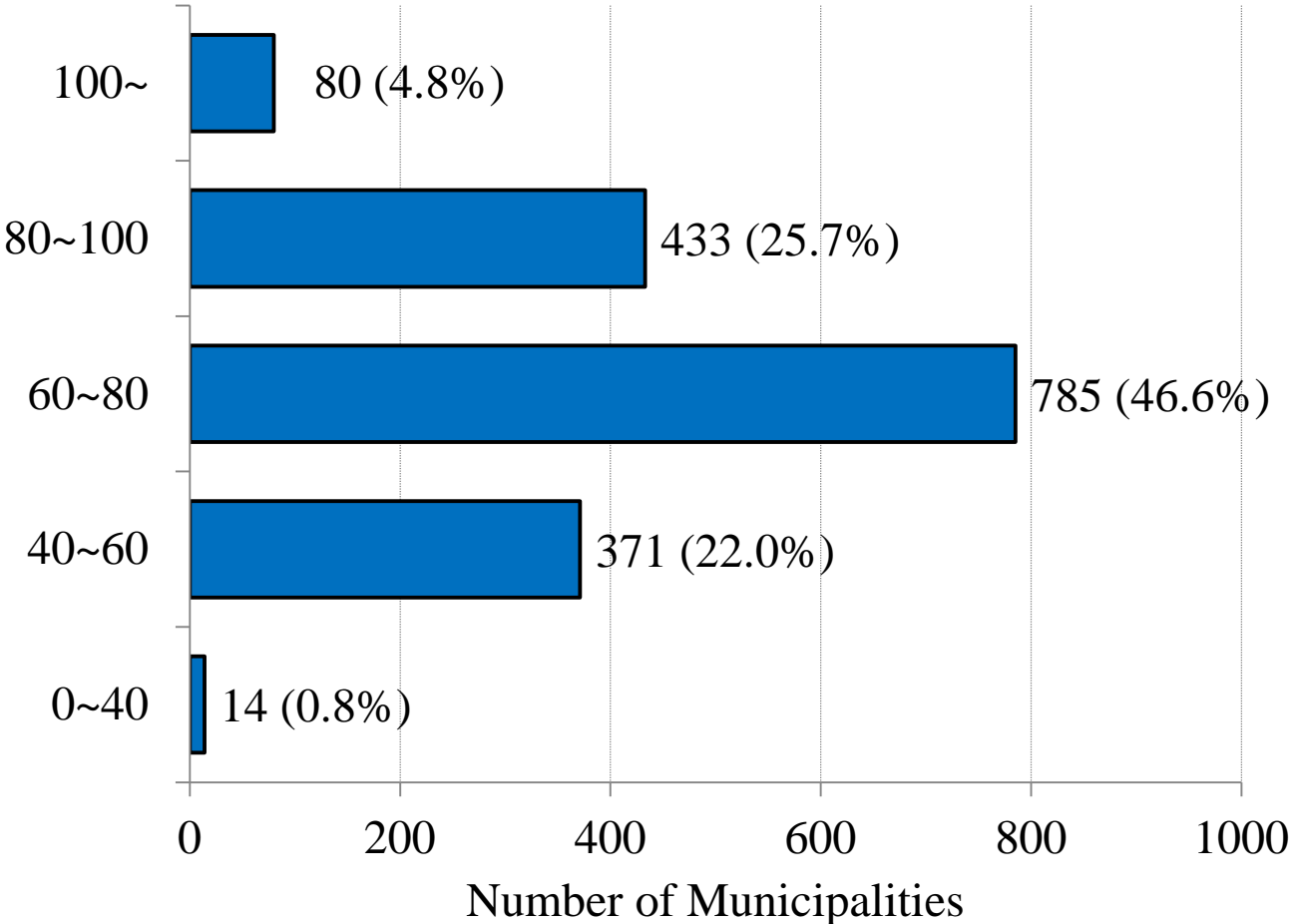


Projection Results by Municipality

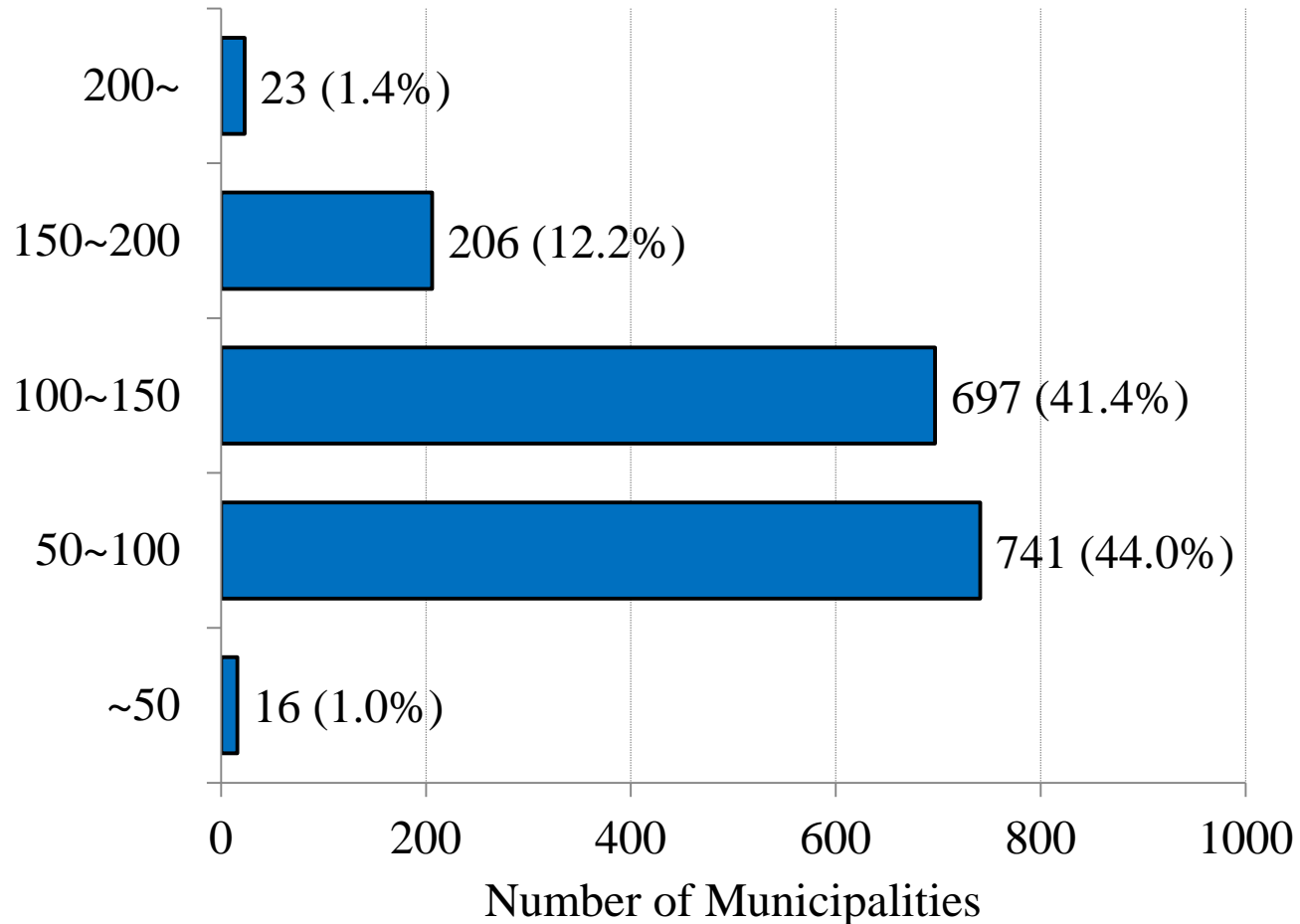
Number of Municipalities

Special Wards	23	Special Wards	23
Wards in Major Cities	128	Major Cities	12
Ordinary Cities	764	Ordinary Cities	764
Towns	715	Towns	715
Villages	169	Villages	169
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Total	1,799	Total	1,683

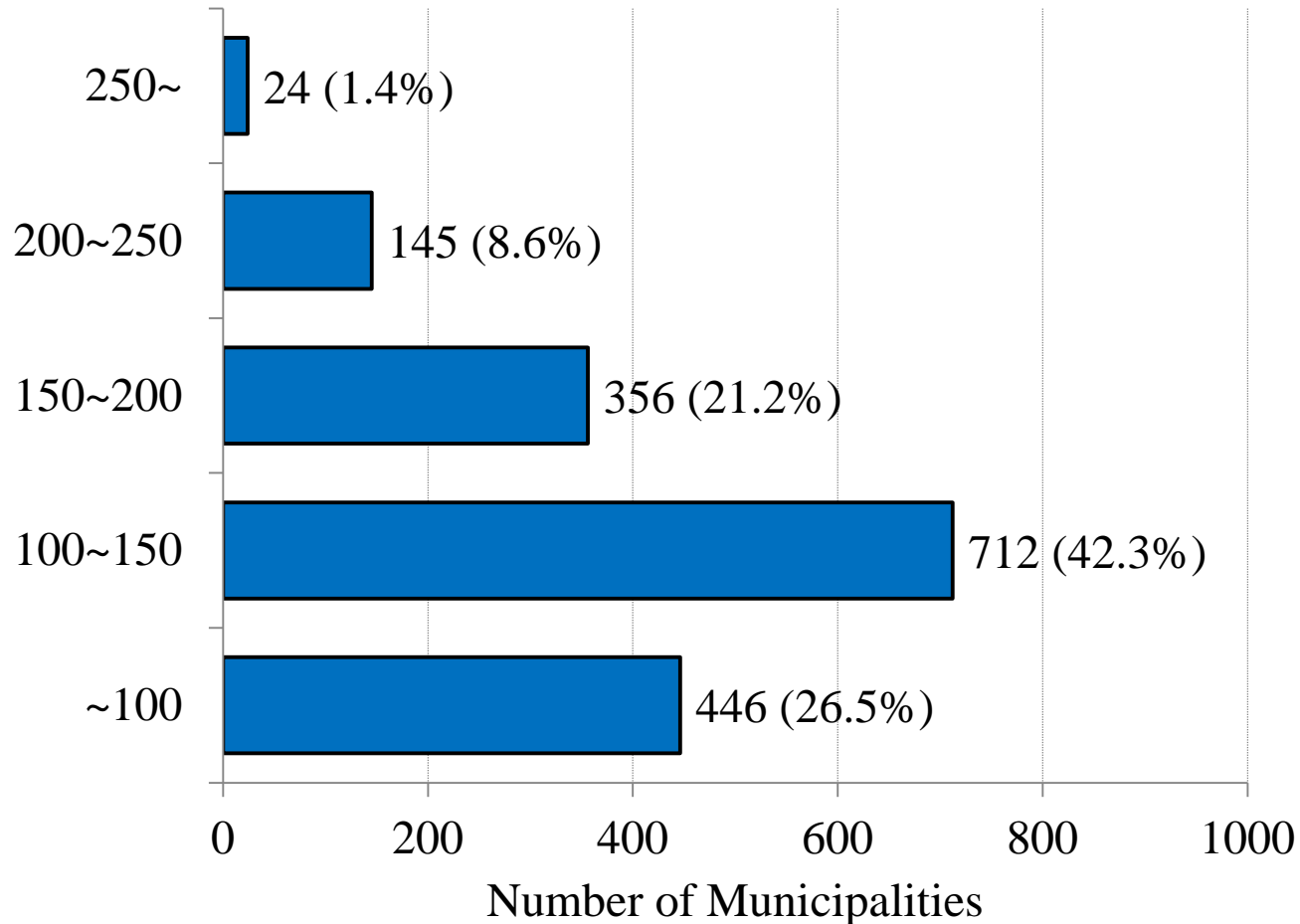
Index of Total Population in 2040 (2010=100)



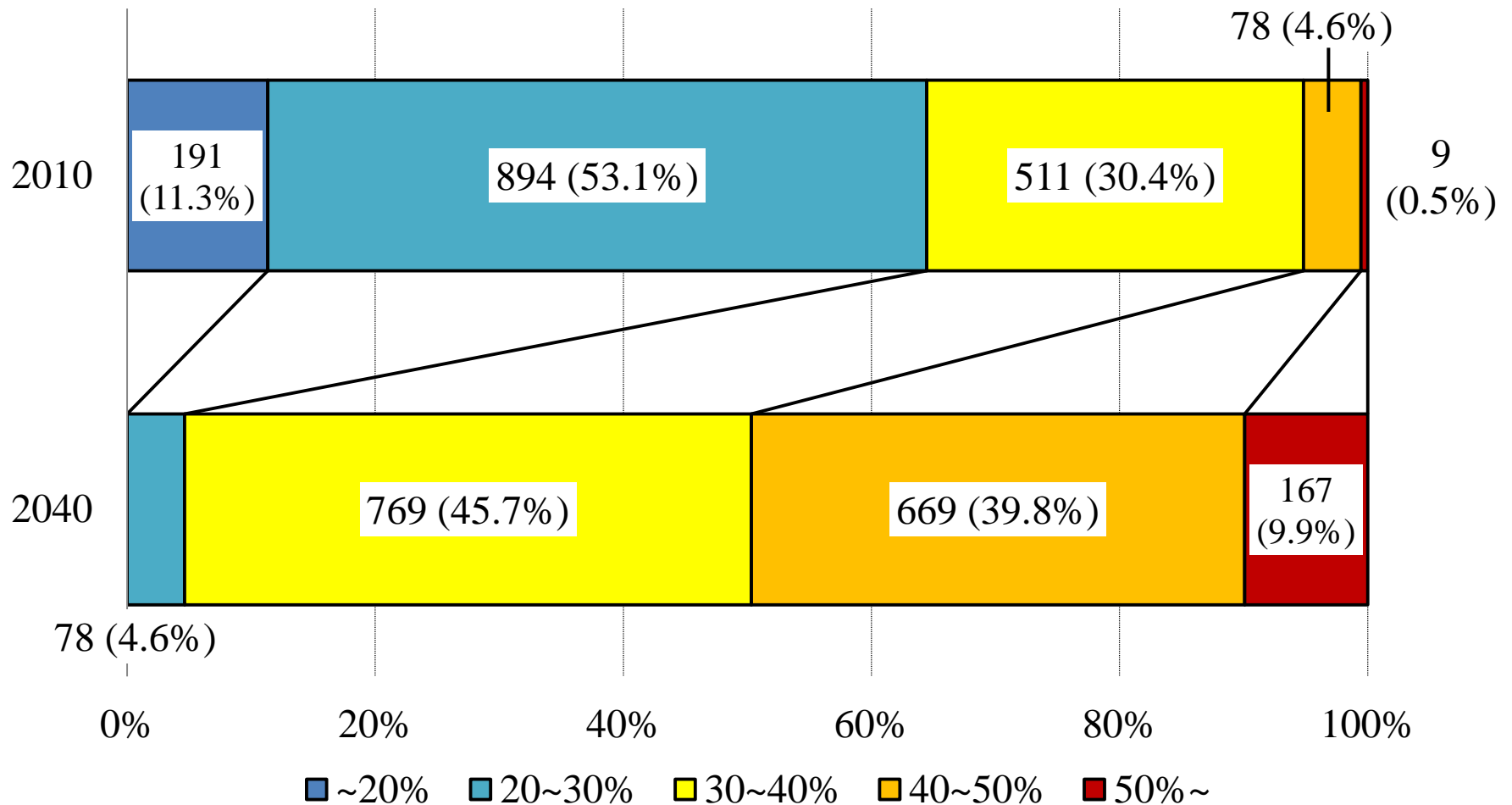
Index of Elderly Population Aged 65+ in 2040 (2010=100)



Index of Elderly Population Aged 75+ in 2040 (2010=100)



Change in Proportion of Elderly Aged 65+ between 2010 and 2040



Change in Proportion of Elderly Aged 75+ between 2010 and 2040

