

### 3 Live births by prefecture

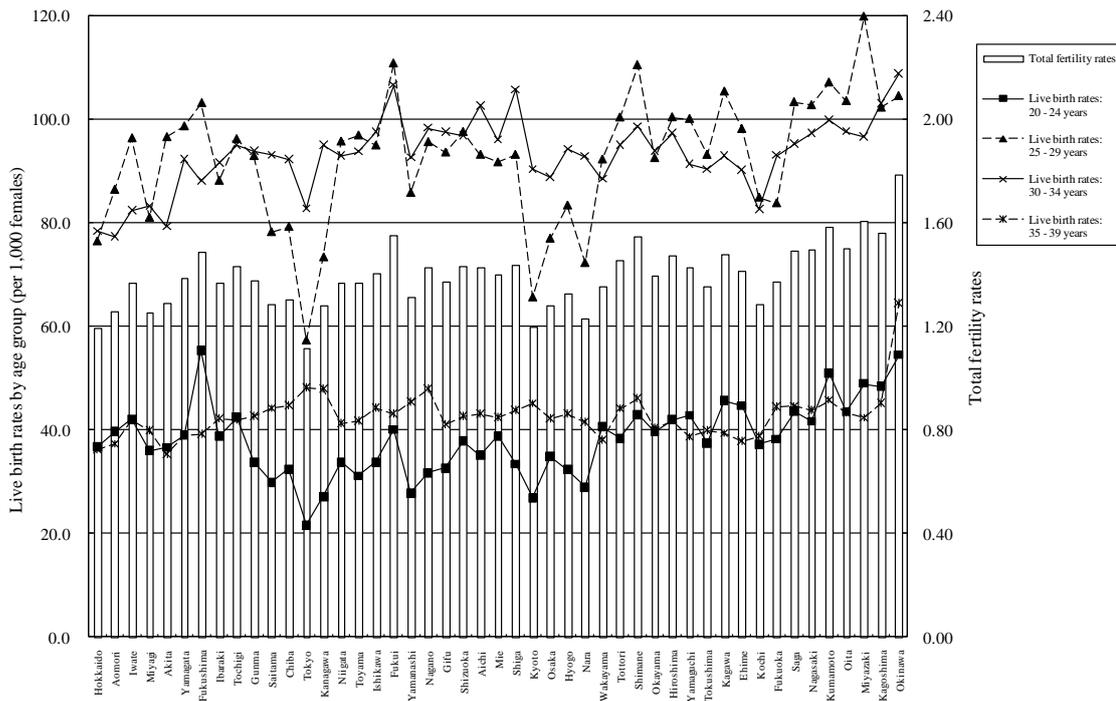
#### (1) Live birth rates and total fertility rates by age group

In nearly half of all the prefectures, the live birth rates for “ages 30 - 34” exceed those for “ages 25 - 29”.

Examining live birth rates by the mothers’ age groups (per 1,000 females) for each prefecture, we find that the live birth rates for “ages 30 - 34” exceed those for “ages 25 - 29” in 23 prefectures, which account for nearly half of all the prefectures. The correlation coefficient, which indicates the correlation between the total fertility rates and the live birth rates for “ages 25 - 29”, is still relatively high at 0.873.

In Okinawa, where the total fertility rates are the highest in Japan, live birth rates by age group place at the top for “ages 30 - 34” and “ages 35 - 39”. On the other hand, Tokyo marks the lowest rates for “ages 20 - 24” and “ages 25 - 29”, and the second top for “ages 35 - 39”. In Tokyo, Kyoto and Nara, where live birth rates for “ages 20 - 24” and “ages 25 - 29” are low, the total fertility rates are also ranked in low places. (Figure 18, Table 8)

Figure 1. Prefectural live birth rates by age group of mother (per 1,000 females) and total fertility rates, 2009



Note: The figures are calculated using the total female population for each 5-year age group.

Table 1. Top 5 and bottom 5 prefectures in live birth rates by age group of mother (per 1,000 females) and total fertility rates, 2009

Order	Live birth rates (per 1,000 females)								Total fertility rates		
	20-24 years		25-29		30-34		35-39		All Japan		
	All Japan	35.6	All Japan	86.4	All Japan	95.1	All Japan	44.3	All Japan	1.37	
Top	1	Fukushima	55.3	Miyazaki	119.9	Okinawa	108.9	Okinawa	64.5	Okinawa	1.79
	2	Okinawa	54.4	Fukui	110.9	Fukui	106.7	Tokyo	48.2	Miyazaki	1.61
	3	Kumamoto	50.9	Shimane	110.6	Shiga	105.8	Kanagawa	48.0	Kumamoto	1.58
	4	Miyazaki	48.9	Kumamoto	107.2	Kagoshima	103.1	Nagano	47.9	Kagoshima	1.56
	5	Kagoshima	48.3	Kagawa	105.5	Aichi	102.6	Shimane	46.1	Fukui	1.55
Bottom	1	Tokyo	21.6	Tokyo	57.4	Aomori	77.3	Akita	35.3	Tokyo	1.12
	2	Kyoto	26.8	Kyoto	65.7	Hokkaido	78.4	Hokkaido	36.2	Hokkaido	1.19
	3	Kanagawa	27.1	Nara	72.4	Akita	79.3	Aomori	37.3	Kyoto	1.20
	4	Yamanashi	27.8	Kanagawa	73.5	Iwate	82.4	Ehime	37.9	Nara	1.23
	5	Nara	28.9	Hokkaido	76.6	Kochi	82.7	Wakayama	38.1	Miyagi	1.25

Note: We used the female population of each age for the calculation of all Japanese figures, and used the total female population for each 5-year age group for prefectural figures.

## (2) Live births when the duration from marriage is shorter than the period of gestation

The proportions of live births as a share of the total legitimate first live births when the duration from marriage is shorter than the period of gestation are higher in the Tohoku and Kyushu areas, and lower in the Kanto and Kansai areas.

Looking at the rates of live births when the duration from marriage is shorter than the period of gestation, against the total legitimate first live births in 2009 by prefecture, the rates are generally higher in the Tohoku and Kyushu areas, and lower in the Kanto and Kansai areas.

We standardized the age group distribution of mother according to the all Japan average, and found similar trends throughout, with diminishing differences between prefectures.

The top 3 prefectures in post-standardization percentage were Okinawa, Saga and Aomori (in this order), and the bottom 3 was Shiga, Aichi and Kanagawa, also (in this order). (Table 9)

Table 2. Prefectural percent distribution as a share of legitimate first live births when the duration from marriage is shorter than the period of gestation, 2009

			(%)		
Prefecture	Percentage	Post- standardization percentage	Prefecture	Percentage	Post- standardization percentage
All Japan	25.3	25.3			
Hokkaido	27.7	26.0	Kyoto	21.6	23.1
Aomori	36.2	32.4	Osaka	24.0	24.3
Iwate	32.9	29.2	Hyogo	22.5	22.9
Miyagi	29.4	27.8	Nara	22.6	23.0
Akita	33.0	30.1	Wakayama	29.4	26.0
Yamagata	32.6	29.2	Tottori	29.9	27.4
Fukushima	36.7	31.2	Shimane	30.2	27.2
Ibaraki	31.4	29.0	Okayama	27.6	25.4
Tochigi	27.4	25.6	Hiroshima	24.9	23.5
Gunma	27.7	26.6	Yamaguchi	27.3	24.6
Saitama	22.8	24.0	Tokushima	26.9	25.4
Chiba	22.8	23.9	Kagawa	25.2	23.0
Tokyo	19.5	24.2	Ehime	29.2	26.3
Kanagawa	19.5	22.7	Kochi	30.1	28.2
Niigata	27.7	26.5	Fukuoka	29.8	28.2
Toyama	22.9	23.4	Saga	37.5	33.3
Ishikawa	26.6	25.8	Nagasaki	34.6	30.5
Fukui	27.9	26.9	Kumamoto	36.0	32.0
Yamanashi	26.6	27.2	Oita	30.6	28.1
Nagano	24.3	25.1	Miyazaki	33.5	29.6
Gifu	24.8	24.1	Kagoshima	31.2	28.2
Shizuoka	26.2	25.0	Okinawa	42.4	38.2
Aichi	21.8	22.2			
Mie	26.7	25.4			
Shiga	21.7	21.6			

Note: The post-standardization rates represent figures standardized by the age distribution of mothers giving legitimate first live births in All Japan.