

Summary of Results

1 Natality

(1) Live births by employment status/occupation of parents

As for live births of children born in wedlock in FY2015 by employment status of father, employed fathers stood at 924,472 (94.3%), and non-employed fathers stood at 11,461 (1.2%).

As for live births of children born in FY2015 by employment status of mother, employed mothers stood at 425,110 (42.4%), and non-employed mothers stood at 536,758 (53.5%), and employed mothers have a 11.4 point increase from 31.0% in the previous survey in FY2010.

The standardized live birth rates (per 1,000 population) in FY2015 by occupation of parents were the highest in “Professional and engineering workers” for fathers at 48.5 and in “Construction and mining workers” for mothers at 42.0. (Table 1)

Table 1. Live births, live birth rates, and age-standardized live birth rates
by employment status/occupation of parents, FY2010/2015

Employment status/occupation	FY2015				FY2010			
	Live births	Proportion	Live birth rates	Age-standardized live birth rates	Live births	Proportion	Live birth rates	Age-standardized live birth rates
	(persons)	(%)	(per 1,000 population)	(per 1,000 population)	(persons)	(%)	(per 1,000 population)	(per 1,000 population)
Father								
Total	980 219	100.0	18.5	25.0	1 043 750	100.0	19.7	24.2
Total number of employed persons (Employed)	924 472	94.3	28.3	31.0	981 962	94.1	29.2	29.5
A. Administrative and managerial workers	28 181	2.9	24.4	...	36 769	3.5	30.4	...
B. Professional and engineering workers	251 798	25.7	52.4	48.5	249 794	23.9	55.4	49.4
C. Clerical workers	113 369	11.6	25.4	28.6	122 444	11.7	27.9	28.6
D. Sales workers	110 034	11.2	26.6	26.0	125 105	12.0	27.2	24.5
E. Service workers	101 597	10.4	47.4	45.8	109 665	10.5	50.0	45.2
F. Security workers	35 644	3.6	35.1	34.1	33 123	3.2	33.0	31.4
G. Agricultural, forestry and fishery workers	14 825	1.5	11.1	29.8	15 316	1.5	10.6	30.3
H. Manufacturing process workers	110 505	11.3	20.0	19.5	123 594	11.8	21.0	19.1
I. Transport and machine operation workers	32 368	3.3	16.8	31.1	41 565	4.0	20.6	33.0
J. Construction and mining workers	81 695	8.3	32.6	45.3	78 244	7.5	30.1	36.9
K. Carrying, cleaning, packaging, and related workers	20 077	2.0	9.9	11.9	21 226	2.0	11.0	12.0
L. Occupation not stated	24 379	2.5	...	...	25 117	2.4	...	...
Non-employed	11 461	1.2	0.7	3.3	17 222	1.7	1.1	3.8
Not stated	44 286	4.5	...	...	44 566	4.3	...	...
Mother								
Total	1 003 169	100.0	17.7	27.5	1 066 784	100.0	18.8	26.3
Total number of employed persons (Employed)	425 110	42.4	16.7	18.1	330 477	31.0	13.2	13.0
A. Administrative and managerial workers	5 137	0.5	22.9	...	4 917	0.5	25.3	...
B. Professional and engineering workers	151 213	15.1	33.8	28.2	117 371	11.0	29.1	22.0
C. Clerical workers	129 262	12.9	19.3	18.5	103 673	9.7	15.9	13.1
D. Sales workers	32 878	3.3	10.2	10.6	25 329	2.4	7.6	7.4
E. Service workers	65 135	6.5	14.1	17.5	45 073	4.2	9.9	11.3
F. Security workers	2 941	0.3	43.2	32.6	2 487	0.2	41.6	28.6
G. Agricultural, forestry and fishery workers	4 194	0.4	5.3	25.6	3 907	0.4	4.5	25.9
H. Manufacturing process workers	16 272	1.6	7.4	10.2	13 828	1.3	5.9	7.9
I. Transport and machine operation workers	1 552	0.2	23.0	29.5	1 456	0.1	24.1	24.8
J. Construction and mining workers	1 911	0.2	31.2	42.0	1 566	0.1	28.8	40.5
K. Carrying, cleaning, packaging, and related workers	1 717	0.2	0.9	2.2	1 140	0.1	0.7	1.5
L. Occupation not stated	12 898	1.3	...	...	9 730	0.9	...	...
Non-employed	536 758	53.5	19.6	59.8	693 903	65.0	24.5	57.9
Not stated	41 301	4.1	...	...	42 404	4.0	...	...

Note: The number of live births by occupation of father takes children born in wedlock as the subjects

(2) Live births by employment status/occupation of parents and live birth order

As for live births in FY2015 by employment status of mother and live birth order, first children with employed mothers stood at 217,646 (45.8% of all first children), and they have a 11.3 point increase from 34.5% in the previous survey. As for the change in proportions by occupation from the previous survey, “Professional and engineering” increased by 4 points and “Clerical workers” increased by 3.2 points.

Similarly, in FY2015, the proportions of second children and third children with employed mothers are 39.7% and 38.4% respectively, and as the number of children increased, the proportion of employed mothers decreased. (Table 2)

Table 2. Live births and percent distribution by employment status/occupation of parents and live birth order, FY2010/2015

Employment status/occupation of parents	FY2015				FY2010			
	Father		Mother		Father		Mother	
	Live births of children born in wedlock (persons)	Proportion (%)	Live births (persons)	Proportion (%)	Live births of children born in wedlock (persons)	Proportion (%)	Live births (persons)	Proportion (%)
First child								
Total	461 992	100.0	475 671	100.0	492 482	100.0	505 722	100.0
Total number of employed persons (Employed)	434 358	94.0	217 646	45.8	462 032	93.8	174 558	34.5
A. Administrative and managerial workers	11 985	2.6	2 353	0.5	15 462	3.1	2 152	0.4
B. Professional and engineering workers	125 147	27.1	77 953	16.4	124 406	25.3	62 819	12.4
C. Clerical workers	55 776	12.1	69 043	14.5	58 944	12.0	57 110	11.3
D. Sales workers	53 659	11.6	17 702	3.7	61 383	12.5	13 632	2.7
E. Service workers	49 642	10.7	31 678	6.7	54 880	11.1	22 719	4.5
F. Security workers	16 272	3.5	1 522	0.3	15 773	3.2	1 357	0.3
G. Agricultural, forestry and fishery workers	5 821	1.3	1 173	0.2	6 325	1.3	1 217	0.2
H. Manufacturing process workers	49 037	10.6	7 341	1.5	55 568	11.3	6 563	1.3
I. Transport and machine operation workers	13 270	2.9	822	0.2	16 735	3.4	787	0.2
J. Construction and mining workers	33 547	7.3	744	0.2	31 701	6.4	646	0.1
K. Carrying, cleaning, packaging, and related workers	8 520	1.8	555	0.1	9 008	1.8	396	0.1
L. Occupation not stated	11 682	2.5	6 760	1.4	11 847	2.4	5 160	1.0
Non-employed	6 280	1.4	237 466	49.9	9 297	1.9	310 445	61.4
Not stated	21 354	4.6	20 559	4.3	21 153	4.3	20 719	4.1
Second child								
Total	358 430	100.0	362 931	100.0	383 693	100.0	388 279	100.0
Total number of employed persons (Employed)	339 164	94.6	144 258	39.7	362 445	94.5	107 025	27.6
A. Administrative and managerial workers	10 448	2.9	1 740	0.5	14 128	3.7	1 735	0.4
B. Professional and engineering workers	92 441	25.8	52 345	14.4	90 818	23.7	38 901	10.0
C. Clerical workers	42 843	12.0	44 309	12.2	46 874	12.2	33 335	8.6
D. Sales workers	40 592	11.3	10 216	2.8	46 105	12.0	7 490	1.9
E. Service workers	35 695	10.0	21 212	5.8	38 241	10.0	14 123	3.6
F. Security workers	13 240	3.7	1 006	0.3	11 954	3.1	810	0.2
G. Agricultural, forestry and fishery workers	5 231	1.5	1 518	0.4	5 417	1.4	1 347	0.3
H. Manufacturing process workers	41 675	11.6	5 706	1.6	47 208	12.3	4 731	1.2
I. Transport and machine operation workers	11 946	3.3	500	0.1	15 643	4.1	424	0.1
J. Construction and mining workers	28 673	8.0	641	0.2	28 756	7.5	507	0.1
K. Carrying, cleaning, packaging, and related workers	7 266	2.0	572	0.2	7 831	2.0	383	0.1
L. Occupation not stated	9 114	2.5	4 493	1.2	9 470	2.5	3 239	0.8
Non-employed	3 232	0.9	204 340	56.3	4 984	1.3	266 390	68.6
Not stated	16 034	4.5	14 333	3.9	16 264	4.2	14 864	3.8
Third child and subsequent children								
Total	159 797	100.0	164 567	100.0	167 575	100.0	172 783	100.0
Total number of employed persons (Employed)	150 950	94.5	63 206	38.4	157 485	94.0	48 894	28.3
A. Administrative and managerial workers	5 748	3.6	1 044	0.6	7 179	4.3	1 030	0.6
B. Professional and engineering workers	34 210	21.4	20 915	12.7	34 570	20.6	15 651	9.1
C. Clerical workers	14 750	9.2	15 910	9.7	16 626	9.9	13 228	7.7
D. Sales workers	15 783	9.9	4 960	3.0	17 617	10.5	4 207	2.4
E. Service workers	16 260	10.2	12 245	7.4	16 544	9.9	8 231	4.8
F. Security workers	6 132	3.8	413	0.3	5 396	3.2	320	0.2
G. Agricultural, forestry and fishery workers	3 773	2.4	1 503	0.9	3 574	2.1	1 343	0.8
H. Manufacturing process workers	19 793	12.4	3 225	2.0	20 818	12.4	2 534	1.5
I. Transport and machine operation workers	7 152	4.5	230	0.1	9 187	5.5	245	0.1
J. Construction and mining workers	19 475	12.2	526	0.3	17 787	10.6	413	0.2
K. Carrying, cleaning, packaging, and related workers	4 291	2.7	590	0.4	4 387	2.6	361	0.2
L. Occupation not stated	3 583	2.2	1 645	1.0	3 800	2.3	1 331	0.8
Non-employed	1 949	1.2	94 952	57.7	2 941	1.8	117 068	67.8
Not stated	6 898	4.3	6 409	3.9	7 149	4.3	6 821	3.9

Note: Live birth order refers the number of children to-date born alive to same mother.

(3) Mean ages of parents of the first child by employment status/occupation of parents

Mean ages of parents at the time of birth of their 1st child in FY2015, by employment status of parents, stood at 32.8 years for employed fathers, and 31.0 years for non-employed fathers: and 31.5 years for employed mothers, and 29.9 years for non-employed mothers. (32.0 years for employed fathers, 30.3 years for unemployed fathers, and 30.9 years for employed mothers and 29.4 years for unemployed mothers in the previous survey).

Similarly, the mean age of fathers at the time of birth of his 1st child by occupation was the highest in “Administrative and managerial workers” at 37.6 years and the lowest in “Construction and mining workers” at 30.5 years.

Furthermore, the mean age of mothers at the time of birth of her 1st child by occupation of mother was the highest in “Administrative and managerial workers” at 33.8 years and the lowest in “Security workers” at 29.4 years. (Table 3)

Table 3. Mean ages of parents of the first child in live birth order by employment status/occupation of parents, FY2010/2015

Employment status/occupation of parents	FY2015		FY2010	
	Father	Mother	Father	Mother
Total	32.8	30.7	32.0	30.0
Total number of employed persons (Employed)	32.8	31.5	32.0	30.9
A. Administrative and managerial workers	37.6	33.8	36.8	33.2
B. Professional and engineering workers	33.4	31.5	32.7	31.0
C. Clerical workers	33.7	32.3	33.2	31.7
D. Sales workers	32.9	31.0	32.0	30.3
E. Service workers	32.3	30.3	31.0	29.8
F. Security workers	30.9	29.4	30.3	29.1
G. Agricultural, forestry and fishery workers	32.4	31.5	31.2	30.1
H. Manufacturing process workers	31.5	29.5	30.6	29.0
I. Transport and machine operation workers	33.1	31.0	32.0	30.3
J. Construction and mining workers	30.5	31.6	30.4	31.0
K. Carrying, cleaning, packaging, and related workers	32.1	30.4	30.8	29.8
Non-employed	31.0	29.9	30.3	29.4

Note:

1) Live birth order refers the number of children to-date born alive to same mother.

2) The number of live births by occupation of father takes children born in wedlock as the subjects.

3) The total includes “employment status not stated”, and the total number of employed persons (employed) includes “occupation not stated”.