

1. Natality

The status of live births, except those with mothers aged below 15, by employment status and occupation of father and mother at the time of the child's birth, is as follows.

(1) Live births by employment status of father and mother, and by live birth order

As for legitimate live births in FY 2010 by employment status of father, employed fathers stood at 981,962 (94.1%), and non-employed fathers stood at 17,222 (1.7%) (979,826 (94.0%) employed fathers and 17,904 (1.7%) non-employed fathers in the previous survey in FY 2005).

As for proportions by age group, that for non-employed fathers in "15 - 19 years", "60 - 64 years", and "65 years and over", were higher than those of other age groups (Table 1-1).

Table 1-1. Legitimate live births and percent distribution by employment status of father and by live birth order, and by age group of father, FY2010

Employment Status of Father & Live Birth Order	Total	15~19 years	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	65 years and over	Not stated
Legitimate Live Births													
Total													
Total	1 043 750	4 212	68 279	239 491	354 996	259 795	88 269	21 616	4 933	1510	515	131	3
Employed	981 962	3 609	62 440	225 842	335 907	245 200	82 638	20 033	4 505	1301	403	83	1
Non-employed	17 222	432	2 948	3 929	4 307	3 216	1 437	535	182	119	77	40	-
Not stated	44 566	171	2 891	9 720	14 782	11 379	4 194	1 048	246	90	35	8	2
1st child													
Total	492 482	3 774	46 650	141 482	161 035	95 686	32 221	8 661	2 098	634	192	46	3
Employed	462 032	3 220	42 495	133 419	152 041	90 076	30 091	8 025	1 944	542	150	28	1
Non-employed	9 297	400	2 250	2 236	2 121	1 351	568	218	62	49	28	14	-
Not stated	21 153	154	1 905	5 827	6 873	4 259	1 562	418	92	43	14	4	2
2nd child													
Total	383 693	396	18 282	74 709	139 022	106 490	34 569	7 849	1 646	506	178	46	-
Employed	362 445	353	16 887	70 641	131 901	100 762	32 484	7 305	1 497	446	140	29	-
Non-employed	4 984	29	560	1 152	1 401	1 085	467	160	60	31	25	14	-
Not stated	16 264	14	835	2 916	5 720	4 643	1 618	384	89	29	13	3	-
3rd child													
Total	134 296	32	2 843	19 488	45 592	45 976	15 919	3 422	708	208	90	18	-
Employed	126 695	27	2 611	18 287	43 235	43 489	14 950	3 189	642	180	74	11	-
Non-employed	1 932	3	108	399	561	505	216	76	27	18	12	7	-
Not stated	5 669	2	124	802	1 796	1 982	753	157	39	10	4	-	-
4th child and over													
Total	33 279	10	504	3 812	9 347	11 643	5 560	1 684	481	162	55	21	-
Employed	30 790	9	447	3 495	8 730	10 873	5 113	1 514	422	133	39	15	-
Non-employed	1 009	-	30	142	224	275	186	81	33	21	12	5	-
Not stated	1 480	1	27	175	393	495	261	89	26	8	4	1	-
Percent Distribution (%)													
Total													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	94.1	85.7	91.4	94.3	94.6	94.4	93.6	92.7	91.3	86.2	78.3	63.4	...
Non-employed	1.7	10.3	4.3	1.6	1.2	1.2	1.6	2.5	3.7	7.9	15.0	30.5	...
1st child													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	93.8	85.3	91.1	94.3	94.4	94.1	93.4	92.7	92.7	85.5	78.1	60.9	...
Non-employed	1.9	10.6	4.8	1.6	1.3	1.4	1.8	2.5	3.0	7.7	14.6	30.4	...
2nd child													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	94.5	89.1	92.4	94.6	94.9	94.6	94.0	93.1	90.9	88.1	78.7	63.0	...
Non-employed	1.3	7.3	3.1	1.5	1.0	1.0	1.4	2.0	3.6	6.1	14.0	30.4	...
3rd child													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	94.3	84.4	91.8	93.8	94.8	94.6	93.9	93.2	90.7	86.5	82.2	61.1	...
Non-employed	1.4	9.4	3.8	2.0	1.2	1.1	1.4	2.2	3.8	8.7	13.3	38.9	...
4th child and over													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	92.5	90.0	88.7	91.7	93.4	93.4	92.0	89.9	87.7	82.1	70.9	71.4	...
Non-employed	3.0	-	6.0	3.7	2.4	2.4	3.3	4.8	6.9	13.0	21.8	23.8	...

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

2) The total of employment status proportions include "Employment Status Not Stated".

As for live births in FY 2010 by employment status of mother, employed mothers stood at 330,477 (31.0%), and non-employed mothers stood at 693,903 (65.0%) (250,934 (23.6%) employed mothers and 765,918 (72.0%) non-employed mothers in the previous survey).

As for proportions by age group, that for employed mothers is generally higher as the mother's age group becomes higher, for mothers aged below 50 who have children between the "1st child" and "3rd child" inclusive.

As for proportions by live birth order, employed mothers is 34.5% (25.2% in the previous survey) for the "1st child" (Table 1-2).

Table 1-2. Live births and percent distribution by employment status of mother and by live birth order, and by age group of mother, FY2010

Employment Status of Mother & Live Birth Order	Total	15~19 years	20~24	25~29	30~34	35~39	40~44	45~49	50 years and over	Not stated
Live Births										
Total										
Total	1 066 784	13 272	109 293	305 764	382 094	220 210	35 349	774	25	3
Employed	330 477	689	20 358	92 116	128 701	75 595	12 723	287	8	-
Non-employed	693 903	11 888	84 717	202 252	238 430	135 218	20 930	455	13	-
Not stated	42 404	695	4 218	11 396	14 963	9 397	1 696	32	4	3
1st child										
Total	505 722	11 812	73 277	173 278	159 962	74 502	12 563	313	12	3
Employed	174 558	635	15 555	60 863	63 204	29 181	4 977	140	3	-
Non-employed	310 445	10 547	54 892	105 718	90 225	41 924	6 968	164	7	-
Not stated	20 719	630	2 830	6 697	6 533	3 397	618	9	2	3
2nd child										
Total	388 279	1 404	30 506	99 392	154 812	89 222	12 714	220	9	-
Employed	107 025	50	3 989	23 923	46 162	28 459	4 362	77	3	-
Non-employed	266 390	1 292	25 356	72 018	102 737	57 086	7 762	134	5	-
Not stated	14 864	62	1 161	3 451	5 913	3 677	590	9	1	-
3rd child										
Total	137 291	54	4 928	27 608	55 015	43 108	6 463	113	2	-
Employed	39 160	4	723	6 202	16 044	13 926	2 220	39	2	-
Non-employed	92 797	47	4 005	20 390	36 912	27 440	3 933	70	-	-
Not stated	5 334	3	200	1 016	2 059	1 742	310	4	-	-
4th child and over										
Total	35 492	2	582	5 486	12 305	13 378	3 609	128	2	-
Employed	9 734	-	91	1 128	3 291	4 029	1 164	31	-	-
Non-employed	24 271	2	464	4 126	8 556	8 768	2 267	87	1	-
Not stated	1 487	-	27	232	458	581	178	10	1	-
Percent Distribution (%)										
Total										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	31.0	5.2	18.6	30.1	33.7	34.3	36.0	37.1	32.0	...
Non-employed	65.0	89.6	77.5	66.1	62.4	61.4	59.2	58.8	52.0	...
1st child										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	34.5	5.4	21.2	35.1	39.5	39.2	39.6	44.7	25.0	...
Non-employed	61.4	89.3	74.9	61.0	56.4	56.3	55.5	52.4	58.3	...
2nd child										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	27.6	3.6	13.1	24.1	29.8	31.9	34.3	35.0	33.3	...
Non-employed	68.6	92.0	83.1	72.5	66.4	64.0	61.1	60.9	55.6	...
3rd child										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	28.5	7.4	14.7	22.5	29.2	32.3	34.3	34.5	100.0	...
Non-employed	67.6	87.0	81.3	73.9	67.1	63.7	60.9	61.9	-	...
4th child and over										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...
Employed	27.4	-	15.6	20.6	26.7	30.1	32.3	24.2	-	...
Non-employed	68.4	100.0	79.7	75.2	69.5	65.5	62.8	68.0	50.0	...

Notes: 1) "Live birth order" refers to the number of children to-date born alive to same mother.
2) The total of employment status proportions include "Employment Status Not Stated".

Live birth rates (per 1,000 population) by the employment status of father in FY 2010 stood at 29.2 for employed fathers, and 1.1 for non-employed fathers (27.7 for employed and 1.2 for non-employed in the previous survey).

Live birth rates by live birth order and by age group of father was the highest in “25 - 29 years” for employed fathers at 47.2 for the first child, and in “30 - 34 years” for non-employed fathers at 6.1. As for the second child, the highest rates appeared in “30 - 34 years” for both employed and non-employed fathers, at 38.3 and 4.0 respectively.

Live birth rates by employment status of mother stood at 13.2 for employed mothers and at 24.5 for non-employed mothers (9.9 for employed and 26.0 for non-employed in the previous survey).

Live birth rates by live birth order and by age group of mother were the highest in “25 - 29 years” and “30 - 34 years” for the first child for employed mothers at 25.9, and in “25 - 29 years” for non-employed mothers at 123.4. As for the second child, the highest rate was marked in “30 - 34 years” for employed mothers at 18.9, and in “25 - 29 years” for non-employed mothers at 84.1 (Table 2).

Table 2. Live birth rates by employment status of parents, by live birth order, and by age group of parents, FY2010

Employment Status & Live Birth Order	(per 1,000 population)								
	Total	15~19 years	20~24	25~29	30~34	35~39	40~44	45~49	50 years and over
Father									
Total									
Total	19.7	1.4	21.1	65.7	84.9	52.7	20.1	5.4	0.3
Employed	29.2	9.1	33.6	79.9	97.6	59.1	22.3	5.8	0.5
Non-employed	1.1	0.2	2.7	9.5	12.4	8.6	4.3	1.7	0.0
1st child									
Total	9.3	1.2	14.4	38.8	38.5	19.4	7.4	2.2	0.1
Employed	13.7	8.2	22.9	47.2	44.2	21.7	8.1	2.3	0.2
Non-employed	0.6	0.2	2.1	5.4	6.1	3.6	1.7	0.7	0.0
2nd child									
Total	7.2	0.1	5.7	20.5	33.3	21.6	7.9	2.0	0.1
Employed	10.8	0.9	9.1	25.0	38.3	24.3	8.8	2.1	0.2
Non-employed	0.3	0.0	0.5	2.8	4.0	2.9	1.4	0.5	0.0
3rd child									
Total	2.5	0.0	0.9	5.3	10.9	9.3	3.6	0.9	0.0
Employed	3.8	0.1	1.4	6.5	12.6	10.5	4.0	0.9	0.1
Non-employed	0.1	0.0	0.1	1.0	1.6	1.4	0.6	0.2	0.0
4th child and over									
Total	0.6	0.0	0.2	1.0	2.2	2.4	1.3	0.4	0.0
Employed	0.9	0.0	0.2	1.2	2.5	2.6	1.4	0.4	0.0
Non-employed	0.1	-	0.0	0.3	0.6	0.7	0.6	0.3	0.0
Mother									
Total									
Total	18.8	4.5	35.5	87.1	94.7	46.2	8.3	0.2	0.0
Employed	13.2	1.8	11.1	39.1	52.7	26.4	4.6	0.1	0.0
Non-employed	24.5	4.9	83.2	236.2	182.7	85.0	16.9	0.4	0.0
1st child									
Total	8.9	4.0	23.8	49.3	39.7	15.6	2.9	0.1	0.0
Employed	7.0	1.7	8.4	25.9	25.9	10.2	1.8	0.1	0.0
Non-employed	11.0	4.3	53.9	123.4	69.1	26.3	5.6	0.2	0.0
2nd child									
Total	6.9	0.5	9.9	28.3	38.4	18.7	3.0	0.1	0.0
Employed	4.3	0.1	2.2	10.2	18.9	9.9	1.6	0.0	0.0
Non-employed	9.4	0.5	24.9	84.1	78.7	35.9	6.3	0.1	0.0
3rd child									
Total	2.4	0.0	1.6	7.9	13.6	9.1	1.5	0.0	0.0
Employed	1.6	0.0	0.4	2.6	6.6	4.9	0.8	0.0	0.0
Non-employed	3.3	0.0	3.9	23.8	28.3	17.2	3.2	0.1	-
4th child and over									
Total	0.6	0.0	0.2	1.6	3.1	2.8	0.8	0.0	0.0
Employed	0.4	-	0.0	0.5	1.3	1.4	0.4	0.0	-
Non-employed	0.9	0.0	0.5	4.8	6.6	5.5	1.8	0.1	0.0

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

2) "Live birth rates" for Father refer to legitimate live births.

3) The total of age figures include "Age Not Stated", and the total of employment status figures include "Employment Status Not Stated".

(2) Mean ages of parents of the first child by employment status and occupation of parents

Mean ages of parents at the birth of their first child in FY 2010, by employment status of parents, stood at 32.0 years for employed fathers, and 30.3 years for non-employed fathers; and 30.9 years for employed mothers, and 29.4 years for non-employed mothers (31.2 for employed fathers, 28.8 for unemployed fathers, 30.2 for employed mothers, and 28.7 for non-employed mothers in the previous survey).

Of employed fathers, the mean age by occupation was the highest in “Administrative and managerial workers” at 36.8 years, and the lowest in “Security workers” at 30.3 years.

Similarly, the mean age of employed mothers by occupation was the highest in “Administrative and managerial workers” at 33.2 years, and the lowest in “Manufacturing process workers” at 29.0 years (Table 3).

Table 3. Mean age of parents of the first child in live birth order by employment status and occupation of parents, FY2010

Occupation	Father	Mother
	years	years
Total	32.0	30.0
Employed Total (Employed)	32.0	30.9
A. Administrative and managerial workers	36.8	33.2
B. Professional and engineering workers	32.7	31.0
C. Clerical workers	33.2	31.7
D. Sales workers	32.0	30.3
E. Service workers	31.0	29.8
F. Security workers	30.3	29.1
G. Agriculture, forestry and fishery workers	31.2	30.1
H. Manufacturing process workers	30.6	29.0
I. Transport and machine operation workers	32.0	30.3
J. Construction and mining workers	30.4	31.0
K. Carrying, cleaning, packaging, and related workers	30.8	29.8
Non-employed	30.3	29.4

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

2) Values for Father refers to legitimate live births.

3) The Total includes "Employment Status Not Stated", and the Employed Total includes "Occupation Not Stated".