

### 3. Foetal and perinatal mortality

The status of foetal and perinatal deaths, except those with mothers aged below 15, by employed status and occupation of mother, is as follows.

#### (1) Foetal mortality by employment status and occupation of mother

As for the proportions of spontaneous and artificial extractions by employment status of mother in FY 2010, “spontaneous” stood at 45.2% and “artificial” at 54.8% for employed, while “spontaneous” stood at 48.2% and “artificial” at 51.8% for non-employed (“spontaneous” stood at 37.8% and “artificial” at 62.2% for employed, and “spontaneous” stood at 46.1% and “artificial” at 53.9% in the previous survey in FY 2005).

Foetal death rates (per 1,000 total births) by employment status of mother stood at 29.8 for employed, and at 18.6 for non-employed (42.4 for employed and 20.9 for non-employed in the previous survey).

By occupation of mother, the rates were high in “Carrying, cleaning, packaging, and related workers” at 78.4, and in “Transport and machine operation workers” at 65.5. On the other hand, the rates were low in “Professional and engineering workers” at 17.7 and in “Security workers” at 17.8 (Table 8).

Table 8. Foetal deaths, percent distribution and foetal death rates by type of extraction, employment status and occupation of mother, FY2010

Occupation of Mother	Foetal deaths			Percent Distribution (%)			Foetal death rates (per 1,000 total births)
	Total	Spontaneous	Artificial	Total	Spontaneous	Artificial	
Total	26 412	12 353	14 059	100.0	46.8	53.2	24.2
Employed Total (Employed)	10 138	4 581	5 557	100.0	45.2	54.8	29.8
A. Administrative and managerial workers	122	82	40	100.0	67.2	32.8	24.2
B. Professional and engineering workers	2 111	1 195	916	100.0	56.6	43.4	17.7
C. Clerical workers	2 453	1 294	1 159	100.0	52.8	47.2	23.1
D. Sales workers	1 002	342	660	100.0	34.1	65.9	38.1
E. Service workers	2 678	855	1 823	100.0	31.9	68.1	56.1
F. Security workers	45	18	27	100.0	40.0	60.0	17.8
G. Agriculture, forestry and fishery workers	105	65	40	100.0	61.9	38.1	26.2
H. Manufacturing process workers	491	226	265	100.0	46.0	54.0	34.3
I. Transport and machine operation workers	102	44	58	100.0	43.1	56.9	65.5
J. Construction and mining workers	67	31	36	100.0	46.3	53.7	41.0
K. Carrying, cleaning, packaging, and related workers	97	19	78	100.0	19.6	80.4	78.4
L. Workers not classifiable by occupation	865	410	455	...	...	...	...
Non-employed	13 129	6 334	6 795	100.0	48.2	51.8	18.6
Not stated	3 145	1 438	1 707	...	...	...	...

**(2) Perinatal mortality by employment status and occupation of mother**

Perinatal death rates (per 1,000 total births) by employment status of mother in FY2010 stood at 4.4 for employed, and at 3.7 for non-employed (5.1 for employed and 4.2 for non-employed in the previous survey).

By occupation, the rates were highest in “Transport and machine operation workers” at 8.2. On the other hand, the rates were lowest in “Professional and engineering workers” and “Security workers” at 3.6 (Table 9).

**Table 9. Perinatal deaths and perinatal death rates by employment status and occupation of mother, FY2010**

Occupation of Mother	Perinatal deaths			Perinatal death rates		
	Total	Foetal deaths at 22 completed weeks and over of gestation	Early neonatal deaths	Total (per 1,000 total births)	Foetal death rates at 22 completed weeks and over of gestation (per 1,000 total births)	Early neonatal death rates (per 1,000 live births)
Total	4 516	3 647	869	4.2	3.4	0.8
Employed Total (Employed)	1 451	1 174	277	4.4	3.5	0.8
A. Administrative and managerial workers	21	15	6	4.3	3.0	1.2
B. Professional and engineering workers	419	331	88	3.6	2.8	0.7
C. Clerical workers	421	330	91	4.0	3.2	0.9
D. Sales workers	108	85	23	4.2	3.3	0.9
E. Service workers	212	180	32	4.7	4.0	0.7
F. Security workers	9	8	1	3.6	3.2	0.4
G. Agriculture, forestry and fishery workers	25	22	3	6.4	5.6	0.8
H. Manufacturing process workers	74	59	15	5.3	4.2	1.1
I. Transport and machine operation workers	12	12	-	8.2	8.2	-
J. Construction and mining workers	8	8	-	5.1	5.1	-
K. Carrying, cleaning, packaging, and related workers	8	6	2	7.0	5.2	1.8
L. Workers not classifiable by occupation	134	118	16	...	...	...
Non-employed	2 567	2 036	531	3.7	2.9	0.8
Not stated	498	437	61	...	...	...