

FETAL MORTALITY INDICATORS

Definition: The number of fetal deaths at or after 22 completed weeks of gestation in a given year per 1000 live and stillbirths (total births) in the same year calculated by gestational age, birth weight and plurality

Table 1: Fetal Mortality Rates 22 weeks gestation and 500g birthweight and over

Year	Number of total births			Number of fetal deaths			Fetal Mortality Rate / 1000 total births		
	All	≥500g	≥22weeks	All	≥500g	≥22weeks	All	≥500g	≥22weeks
2000	4377	4373	4377	16	15	16	3.66	3.43	3.66
2001	3955	3955	3955	20	20	20	5.06	5.06	5.06
2002	3926	3925	3925	21	20	20	5.35	5.10	5.10
2003	4054	4051	4054	18	16	18	4.44	3.95	4.44
2004	3902	3902	3902	15	15	15	3.84	3.84	3.84
2005	3865	3865	3865	8	8	8	2.07	2.07	2.07
2006	3891	3890	3891	11	10	11	2.83	2.57	2.83
2007	3898	3894	3898	12	11	12	3.08	2.82	3.08
2008	4228	4225	4228	29	26	29	6.86	6.15	6.86
2009	4180	4172	4180	28	21	28	6.70	5.03	6.70
2010	4036	4034	4036	18	16	18	4.46	3.97	4.46
2011	4311	4305	4311	28	23	28	6.50	5.34	6.50
2012	4258	4248	4258	19	14	19	4.46	3.30	4.46
2013	4149	4143	4149	22	18	22	5.30	4.34	5.30
2014	4335	4329	4335	27	26	27	6.23	6.01	6.23
2015	4453	4448	4453	18	14	18	4.04	3.15	4.04
2016	4555	4541	4555	23	17	23	5.05	3.74	5.05
2017	4398	4392	4398	19	15	19	4.32	3.42	4.32
Total	74771	74692	74770	352	305	351	4.71	4.08	4.69

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Table 2: Fetal Mortality Rates 28 weeks and 1000g and over

Year	Number of total births			Number of fetal deaths			Fetal Mortality Rate / 1000 total births		
	All	≥1000g	≥28weeks	All	≥1000g	≥28weeks	All	≥1000g	≥28weeks
2000	4377	4358	4359	16	12	14	3.66	2.75	3.21
2001	3955	3939	3943	20	17	17	5.06	4.32	4.31
2002	3926	3910	3914	21	13	15	5.35	3.32	3.83
2003	4054	4027	4033	18	8	15	4.44	1.99	3.72
2004	3902	3892	3894	15	15	15	3.84	3.85	3.85
2005	3865	3851	3851	8	7	7	2.07	1.82	1.82
2006	3891	3879	3881	11	7	7	2.83	1.80	1.80
2007	3898	3882	3883	12	8	9	3.08	2.06	2.32
2008	4228	4196	4197	29	19	23	6.86	4.53	5.48
2009	4180	4152	4157	28	15	17	6.70	3.61	4.09
2010	4036	4022	4020	18	13	14	4.46	3.23	3.48
2011	4311	4282	4283	28	19	18	6.50	4.44	4.20
2012	4258	4233	4238	19	7	11	4.46	1.65	2.60
2013	4149	4124	4127	22	14	14	5.30	3.39	3.39
2014	4335	4312	4312	27	17	18	6.23	3.94	4.17
2015	4453	4429	4429	18	8	11	4.04	1.81	2.48
2016	4555	4516	4519	23	13	14	5.05	2.88	3.10
2017	4398	4373	4377	19	13	13	4.32	2.97	2.97
Total	74771	74377	74417	352	225	252	4.71	3.03	3.39

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Table 3: Fetal Mortality Rate by plurality

Year	No. of total births		No. of Fetal Deaths		Fetal Mortality /1000 singleton/multiple birth	
	Singleton	Multiple	Singleton	Multiple	Singleton	Multiple
2000	4246	131	14	2	3.3	15.3
2001	3882	73	18	2	4.6	27.4
2002	3820	106	19	2	5.0	18.9
2003	3939	115	13	5	3.3	43.5
2004	3782	120	15	0	4.0	0.0
2005	3746	119	7	1	1.9	8.4
2006	3756	135	10	1	2.7	7.4
2007	3811	87	12	0	3.1	0.0
2008	4084	144	25	4	6.1	27.8
2009	4047	133	27	1	6.7	7.5
2010	3872	164	16	2	4.1	12.2
2011	4150	161	25	3	6.0	18.6
2012	4099	159	16	3	3.9	18.9
2013	3998	151	22	0	5.5	0.0
2014	4216	119	23	4	5.5	33.6
2015	4318	135	15	3	3.5	22.2
2016	4357	198	20	3	4.6	15.2
2017	4253	145	18	1	4.2	6.9
Total	72376	2395	315	37	4.4	15.4

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Table 4: Fetal Mortality by gestational age groups

Year	Number of births by Gestational Age in weeks							Number of Fetal deaths by Gestational Age in weeks							Fetal mortality rate by Gestational Age in weeks					
	22-27	28-31	32-36	37-41	42+	UN	Total	22-27	28-31	32-36	37-41	42+	UN	Total	22-27	28-31	32-36	37-41	42+	Total
2000	18	16	236	4018	87	2	4377	2	3	4	5	1	1	16	111.1	187.5	16.9	1.2	11.5	3.7
2001	12	26	229	3639	49	0	3955	3	4	2	11	0	0	20	250.0	153.8	8.7	3.0	0.0	5.1
2002	12	22	234	3544	98	17	3926	6	3	5	7	0	0	21	500.0	136.4	21.4	2.0	0.0	5.3
2003	21	24	256	3638	94	21	4054	3	4	8	2	0	1	18	142.9	166.7	31.3	0.5	0.0	4.4
2004	8	24	257	3572	40	1	3902	0	3	5	7	0	0	15	0.0	125.0	19.5	2.0	0.0	3.8
2005	14	18	221	3584	27	1	3865	1	1	3	3	0	0	8	71.4	55.6	13.6	0.8	0.0	2.1
2006	10	20	245	3592	24	0	3891	4	3	3	1	0	0	11	400.0	150.0	12.2	0.3	0.0	2.8
2007	15	22	229	3619	12	1	3898	3	3	3	3	0	0	12	200.0	136.4	13.1	0.8	0.0	3.1
2008	31	30	248	3913	6	0	4228	6	4	12	7	0	0	29	193.5	133.3	48.4	1.8	0.0	6.9
2009	23	35	242	3853	27	0	4180	11	4	5	8	0	0	28	478.3	114.3	20.7	2.1	0.0	6.7
2010	16	25	264	3725	5	1	4036	4	4	8	2	0	0	18	250.0	160.0	30.3	0.5	0.0	4.5
2011	28	44	268	3964	7	0	4311	10	1	7	10	0	0	28	357.1	22.7	26.1	2.5	0.0	6.5
2012	20	34	279	3923	2	0	4258	8	4	6	1	0	0	19	400.0	117.6	21.5	0.3	0.0	4.5
2013	22	26	234	3864	3	0	4149	8	4	3	7	0	0	22	363.6	153.8	12.8	1.8	0.0	5.3
2014	23	33	251	4022	6	0	4335	9	5	7	6	0	0	27	391.3	151.5	27.9	1.5	0.0	6.2
2015	24	30	261	4130	8	0	4453	7	6	2	3	0	0	18	291.7	200.0	7.7	0.7	0.0	4.0
2016	36	35	319	4158	7	0	4555	9	4	7	3	0	0	23	250.0	114.3	21.9	0.7	0.0	5.0
2017	21	35	306	4029	7	0	4398	6	1	5	7	0	0	19	285.7	28.6	16.3	1.7	0.0	4.3
Total	354	499	4579	68787	509	44	74771	100	61	95	93	1	2	352	282.5	122.2	20.7	1.4	2.0	4.7

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Table 5: Fetal Mortality by bir

Year	Number of total births by birthweight in grams						Total	Number of fetal deaths by birthweight in grams						Total	Fetal mortality rate per 1000 total births by birth weight					
	≤499	500-999	1000-2499	2500-3999	4000+	UN		≤499	500-999	1000-2499	2500-3999	4000+	UN		≤499	500-999	1000-2499	2500-3999	4000+	Total
2000	4	15	246	3831	274	7	4377	1	3	6	5	1	0	16	250.0	200.0	24.4	1.3	3.6	3.7
2001	0	16	229	3478	223	9	3955	0	3	10	6	1	0	20	0.0	187.5	43.7	1.7	4.5	5.1
2002	1	15	232	3464	211	3	3926	1	7	8	5	0	0	21	1000.0	466.7	34.5	1.4	0.0	5.3
2003	3	24	272	3571	175	9	4054	2	8	5	3	0	0	18	666.7	333.3	18.4	0.8	0.0	4.4
2004	0	10	299	3367	223	3	3902	0	0	8	6	1	0	15	0.0	0.0	26.8	1.8	4.5	3.8
2005	0	14	242	3429	176	4	3865	0	1	4	3	0	0	8	0.0	71.4	16.5	0.9	0.0	2.1
2006	1	11	244	3454	177	4	3891	1	3	2	5	0	0	11	1000.0	272.7	8.2	1.4	0.0	2.8
2007	4	12	242	3477	143	20	3898	1	3	5	2	1	0	12	250.0	250.0	20.7	0.6	7.0	3.1
2008	3	29	272	3695	208	21	4228	3	7	11	6	1	1	29	1000.0	241.4	40.4	1.6	4.8	6.9
2009	8	20	296	3667	183	6	4180	7	6	7	7	1	0	28	875.0	300.0	23.6	1.9	5.5	6.7
2010	2	12	292	3535	194	1	4036	2	3	10	3	0	0	18	1000.0	250.0	34.2	0.8	0.0	4.5
2011	6	23	325	3760	192	5	4311	5	4	12	5	1	1	28	833.3	173.9	36.9	1.3	5.2	6.5
2012	10	15	290	3737	206	0	4258	5	7	6	1	0	0	19	500.0	466.7	20.7	0.3	0.0	4.5
2013	6	19	265	3662	191	6	4149	4	4	8	6	0	0	22	666.7	210.5	30.2	1.6	0.0	5.3
2014	6	17	275	3815	217	5	4335	1	9	9	6	1	1	27	166.7	529.4	32.7	1.6	4.6	6.2
2015	5	19	270	3945	210	4	4453	4	6	5	3	0	0	18	800.0	315.8	18.5	0.8	0.0	4.0
2016	14	25	324	3965	224	3	4555	6	4	11	1	0	1	23	428.6	160.0	34.0	0.3	0.0	5.0
2017	6	19	314	3871	186	2	4398	4	2	5	8	0	0	19	666.7	105.3	15.9	2.1	0.0	4.3
Total	79	315	4929	65723	3613	112	74771	47	80	132	81	8	4	352	594.9	254.0	26.8	1.2	2.2	4.7

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Table 6: Fetal Mortality rates ($\geq 500g$) by underlying congenital anomaly

Year	Total births $\geq 500g$	Total fetal deaths $\geq 500g$	Total fetal deaths $\geq 500g$ not due to Congenital Anomaly	Total fetal deaths ($\geq 500g$) due to congenital anomaly	Overall fetal mortality rate ($\geq 500g$) /1000births	Corrected Fetal mortality rate ($\geq 500g$) not due to congenital anomaly /1000births	Fetal mortality rate ($\geq 500g$) due to congenital anomaly /1000births
2006	3890	10	9	1	2.57	2.31	0.26
2007	3894	11	7	4	2.82	1.80	1.03
2008	4225	26	20	6	6.15	4.73	1.42
2009	4172	21	16	5	5.03	3.84	1.20
2010	4034	16	14	2	3.97	3.47	0.50
2011	4305	23	19	4	5.34	4.41	0.93
2012	4248	14	13	1	3.30	3.06	0.24
2013	4143	18	13	5	4.34	3.14	1.21
2014	4329	26	23	3	6.01	5.31	0.69
2015	4448	14	12	2	3.15	2.70	0.45
2016	4541	17	16	1	3.74	3.52	0.22
2017	4392	15	13	2	3.42	2.96	0.46
Total	50621	211	175	36	4.17	3.46	0.71