

Midtrimester Risk for Chromosome Abnormalities By Maternal Age at Term

Maternal Age	Risk for Trisomy 21 ^{1 2}	Risk for Trisomy 18 ^{1 2}	Risk for Trisomy 13 ³
20	1:1140	1:4430	*
21	1:1130	1:4380	*
22	1:1110	1:4320	*
23	1:1090	1:4250	*
24	1:1060	1:4150	*
25	1:1030	1:4020	*
26	1:990	1:3860	*
27	1:940	1:3660	*
28	1:880	1:3420	*
29	1:810	1:3140	*
30	1:720	1:2820	*
31	1:630	1:2460	*
32	1:540	1:2090	1:6667
33	1:441	1:1720	1:6667
34	1:351	1:1370	1:5000
35	1:272	1:1060	1:4000
36	1:205	1:800	1:3333
37	1:153	1:600	1:2857
38	1:114	1:444	1:2000
39	1:85	1:333	1:1667
40	1:65	1:255	1:1250
41	1:51	1:200	1:1000
42	1:42	1:162	1:800
43	1:35	1:136	1:606
44	1:30	1:117	1:465
45	1:27	1:104	1:357
46	1:24	1:94	1:278
47	1:22	1:87	1:215
48	1:21	1:82	1:167
49	1:20	1:79	1:128
50	1:19	1:76	*

The numbers in this table are approximate risks based on data currently available. These numbers are population- based risk estimates and should not be presented as an individual's specific risk.

These numbers represent the estimated risk for a fetus with Down syndrome or trisomy 18 at midtrimester. Approximately 23% of Down syndrome fetuses and 70% of trisomy 18 fetuses will be lost between midtrimester and term.

¹ Morris JK et al.: Revised estimates of the maternal age specific live birth prevalence of Down Syndrome, J Med 2002; 9:2-6

² Hook, K.B.: Chromosome abnormalities and spontaneous fetal deaths following amniocentesis; further data and associations with maternal age Am J Hum Genet 1983 35:110-116.

³ Hook, B.B., Cross, PK., Schrelnemachers, D,M,: Chromosomal abnormality rates at amniocentesis and live-born Infants J Am Med Assoc 1983, 249: 2034-2038

* Data not available