

Plurality By Medicaid Status For All Washington Resident Births

Number at Birth	2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Non-Medicaid																								
1 (singletons)	42760	96.5%	41583	96.4%	44310	96.3%	45291	96.5%	45196	95.8%	44326	96.2%	41501	96.0%	41884	96.2%	43326	96.4%	42524	96.3%	43415	96.5%	43279	96.5%
2 (twins)	1468	3.3%	1486	3.4%	1598	3.5%	1604	3.4%	1902	4.0%	1702	3.7%	1666	3.9%	1626	3.7%	1548	3.4%	1590	3.6%	1540	3.4%	1526	3.4%
3 (triplets)	69	0.2%	51	0.1%	81	0.2%	51	0.1%	69	0.1%	60	0.1%	54	0.1%	39	0.1%	54	0.1%	66	0.1%	42	0.1%	45	0.1%
4 (quadruplets)	4	0.0%	4	0.0%	0	0.0%	8	0.0%	4	0.0%	4	0.0%	4	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5 (quintuplets)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	44301		43124		45989		46954		47171		46092		43225		43549		44928		44180		44997		44850	
All Higher Order		3.5%		3.6%		3.7%		3.5%		4.2%		3.8%		4.0%		3.8%		3.6%		3.7%		3.5%		3.5%
Medicaid																								
1 (singletons)	36471	97.6%	38585	97.5%	39770	97.3%	40868	97.5%	42104	97.5%	42094	97.4%	42223	97.4%	42484	97.5%	41419	97.2%	40980	97.3%	41575	97.4%	41963	97.1%
2 (twins)	882	2.4%	974	2.5%	1076	2.6%	1032	2.5%	1032	2.4%	1082	2.5%	1122	2.6%	1064	2.4%	1154	2.7%	1112	2.6%	1078	2.5%	1234	2.9%
3 (triplets)	9	0.0%	12	0.0%	24	0.1%	18	0.0%	27	0.1%	24	0.1%	18	0.0%	21	0.0%	42	0.1%	33	0.1%	36	0.1%	18	0.0%
4 (quadruplets)	0	0.0%	4	0.0%	0	0.0%	8	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5 (quintuplets)	0	0.0%	0	0.0%	5	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	37362		39575		40875		41926		43163		43200		43363		43569		42615		42125		42689		43215	
All Higher Order		2.4%		2.5%		2.7%		2.5%		2.5%		2.6%		2.6%		2.5%		2.8%		2.7%		2.6%		2.9%
All Births																								
1 (singletons)	79231	97.0%	80168	96.9%	84080	96.8%	86159	96.9%	87300	96.6%	86420	96.8%	83724	96.7%	84368	96.8%	84745	96.8%	83504	96.8%	84990	96.9%	85242	96.8%
2 (twins)	2350	2.9%	2460	3.0%	2674	3.1%	2636	3.0%	2934	3.2%	2784	3.1%	2788	3.2%	2690	3.1%	2702	3.1%	2702	3.1%	2618	3.0%	2760	3.1%
3 (triplets)	78	0.1%	63	0.1%	105	0.1%	69	0.1%	96	0.1%	84	0.1%	72	0.1%	60	0.1%	96	0.1%	99	0.1%	78	0.1%	63	0.1%
4 (quadruplets)	4	0.0%	8	0.0%	0	0.0%	16	0.0%	4	0.0%	4	0.0%	4	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5 (quintuplets)	0	0.0%	0	0.0%	5	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	81663		82699		86864		88880		90334		89292		86588		87118		87543		86305		87686		88065	
All Higher Order		3.0%		3.1%		3.2%		3.1%		3.4%		3.2%		3.3%		3.2%		3.2%		3.2%		3.1%		3.2%

Notes:

The birth-certificate-reported value of plurality (number at birth) has been updated in the First Steps Database matching process.

This report includes all live births and all fetal deaths available to the First Steps Database for record linkage.

As of 2014, records do not include out-of-state deliveries to Washington residents because birth certificates for states other than Washington were not available for record linkage.

Low Birth Weight (LBW) By Plurality and Medicaid Status For Liveborn Washington Resident Births

Number at Birth	2003			2004			2005			2006			2007			2008		
	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>
Non-Medicaid																		
1 (singletons)	1664	41991	4.0	1680	42342	4.0	1655	41200	4.0	1867	43928	4.3	1887	44976	4.2	1853	44840	4.1
2 (twins)	680	1404	48.4	677	1427	47.4	717	1430	50.1	767	1550	49.5	788	1567	50.3	921	1857	49.6
3 (triplets)	51	55	92.7	66	69	95.7	46	49	93.9	72	75	96.0	46	48	95.8	59	60	98.3
4 (quadruplets)	0	0	n/a	4	4	100.0	4	4	100.0	0	0	n/a	8	8	100.0	4	4	100.0
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total	43450			43842			42683			45553			46599			46761		
All Higher Order			50.1			49.8			51.7			51.6			51.9			51.2
Medicaid																		
1 (singletons)	1882	35325	5.3	2082	36172	5.8	2039	38241	5.3	2289	39491	5.8	2234	40604	5.5	2240	41813	5.4
2 (twins)	479	875	54.7	463	864	53.6	503	942	53.4	561	1034	54.3	545	1014	53.7	561	1007	55.7
3 (triplets)	19	19	100.0	8	9	88.9	12	12	100.0	21	24	87.5	17	17	100.0	24	25	96.0
4 (quadruplets)	0	0	n/a	0	0	n/a	4	4	100.0	0	0	n/a	8	8	100.0	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	5	5	100.0	0	0	n/a	0	0	n/a
Total	36219			37045			39199			40554			41643			42845		
All Higher Order			55.7			54.0			54.2			55.2			54.9			56.7
All Live Births																		
1 (singletons)	3546	77316	4.6	3762	78514	4.8	3694	79441	4.6	4156	83419	5.0	4121	85580	4.8	4093	86653	4.7
2 (twins)	1159	2279	50.9	1140	2291	49.8	1220	2372	51.4	1328	2584	51.4	1333	2581	51.6	1482	2864	51.7
3 (triplets)	70	74	94.6	74	78	94.9	58	61	95.1	93	99	93.9	63	65	96.9	83	85	97.6
4 (quadruplets)	0	0	n/a	4	4	100.0	8	8	100.0	0	0	n/a	16	16	100.0	4	4	100.0
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	5	5	100.0	0	0	n/a	0	0	n/a
Total	79669			80887			81882			86107			88242			89606		
All Higher Order			52.2			51.3			52.7			53.1			53.0			53.1

Notes:

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This report includes all live births available to the First Steps Database for record linkage.

This analysis excludes records with missing, unknown, or discrepant birth weight.

Low Birth Weight indicates birth weight < 2500 grams.

As of 2014, records do not include out-of-state deliveries to Washington residents because birth certificates for states other than Washington were not available for record linkage.

Low Birth Weight (LBW) By Plurality and Medicaid Status For Liveborn Washington Resident Births

Number at Birth	2009			2010			2011			2012			2013			2014			2015		
	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>	<u>LBW</u>	<u>born</u>	<u>per 100</u>
Non-Medicaid																					
1 (singletons)	1756	43946	4.0	1649	41215	4.0	1589	41544	3.8	1685	42999	3.9	1750	42261	4.1	1786	43139	4.1	1748	43025	4.1
2 (twins)	801	1654	48.4	765	1628	47.0	762	1590	47.9	751	1506	49.9	774	1572	49.2	729	1523	47.9	687	1505	45.6
3 (triplets)	49	52	94.2	44	45	97.8	35	36	97.2	53	53	100.0	59	61	96.7	35	41	85.4	42	43	97.7
4 (quadruplets)	4	4	100.0	4	4	100.0	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total	45656			42892			43170			44558			43894			44703			44573		
All Higher Order			49.9			48.5			49.0			51.6			51.0			48.8			47.1
Medicaid																					
1 (singletons)	2312	41857	5.5	2303	41933	5.5	2323	42150	5.5	2193	41149	5.3	2260	40704	5.6	2398	41289	5.8	2443	41685	5.9
2 (twins)	579	1060	54.6	617	1104	55.9	571	1046	54.6	584	1125	51.9	592	1091	54.3	596	1057	56.4	648	1214	53.4
3 (triplets)	20	24	83.3	15	15	100.0	18	21	85.7	35	40	87.5	28	31	90.3	32	34	94.1	17	18	94.4
4 (quadruplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total	42941			43052			43217			42314			41826			42380			42917		
All Higher Order			55.3			56.5			55.2			53.1			55.3			57.6			54.0
All Births																					
1 (singletons)	4068	85803	4.7	3952	83148	4.8	3912	83694	4.7	3878	84148	4.6	4010	82965	4.8	4184	84428	5.0	4191	84710	4.9
2 (twins)	1380	2714	50.8	1382	2732	50.6	1333	2636	50.6	1335	2631	50.7	1366	2663	51.3	1325	2580	51.4	1335	2719	49.1
3 (triplets)	69	76	90.8	59	60	98.3	53	57	93.0	88	93	94.6	87	92	94.6	67	75	89.3	59	61	96.7
4 (quadruplets)	4	4	100.0	4	4	100.0	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total	88597			85944			86387			86872			85720			87083			87490		
All Higher Order			52.0			51.7			51.5			52.2			52.7			52.4			50.1

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Infant Mortality Rate (IMR) By Plurality and Medicaid Status For Liveborn Washington Resident Births

Number at Birth	2003			2004			2005			2006			2007			2008		
	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000
Non-Medicaid																		
1 (singletons)	162	42154	3.8	159	42531	3.7	150	41337	3.6	143	44054	3.2	137	45051	3.0	162	44944	3.6
2 (twins)	25	1425	17.5	29	1448	20.0	21	1460	14.4	22	1565	14.1	28	1577	17.8	34	1875	18.1
3 (triplets)	4	55	72.7	0	69	0.0	4	50	80.0	3	80	37.5	0	48	0.0	0	66	0.0
4 (quadruplets)	0	0	n/a	0	4	0.0	0	4	0.0	0	0	n/a	0	8	0.0	0	4	0.0
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total		43634			44052			42851			45699			46684			46889	
All Higher Order			19.6			19.1			16.5			15.2			17.1			17.5
Medicaid																		
1 (singletons)	228	35432	6.4	237	36296	6.5	203	38368	5.3	219	39597	5.5	250	40658	6.1	267	41864	6.4
2 (twins)	22	889	24.7	16	874	18.3	18	950	18.9	22	1049	21.0	17	1020	16.7	32	1014	31.6
3 (triplets)	3	19	157.9	0	9	0.0	0	12	0.0	1	24	41.7	0	17	0.0	1	25	40.0
4 (quadruplets)	0	0	n/a	0	0	n/a	0	4	0.0	0	0	n/a	0	8	0.0	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	5	0.0	0	0	n/a	0	0	n/a
Total		36340			37179			39334			40675			41703			42903	
All Higher Order			27.5			18.1			18.6			21.3			16.3			31.8
All Births																		
1 (singletons)	390	77586	5.0	396	78827	5.0	353	79705	4.4	362	83651	4.3	387	85709	4.5	429	86808	4.9
2 (twins)	47	2314	20.3	45	2322	19.4	39	2410	16.2	44	2614	16.8	45	2597	17.3	66	2889	22.8
3 (triplets)	7	74	94.6	0	78	0.0	4	62	64.5	4	104	38.5	0	65	0.0	1	91	11.0
4 (quadruplets)	0	0	n/a	0	4	0.0	0	8	0.0	0	0	n/a	0	16	0.0	0	4	0.0
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	5	0.0	0	0	n/a	0	0	n/a
Total		79974			81231			82185			86374			88387			89792	
All Higher Order			22.6			18.7			17.3			17.6			16.8			22.5

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Infant mortality is reported for each year of births (by cohort).

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Infant Mortality Rate (IMR) By Plurality and Medicaid Status For Liveborn Washington Resident Births

Number at Birth	2009			2010			2011			2012			2013			2014		
	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000	Infant Deaths	All Live-born	IMR per 1000
Non-Medicaid																		
1 (singletons)	139	44045	3.2	158	41287	3.8	125	41624	3.0	158	43095	3.7	118	42302	2.8	131	43178	3.0
2 (twins)	27	1683	16.0	26	1654	15.7	23	1598	14.4	26	1525	17.0	22	1572	14.0	18	1523	11.8
3 (triplets)	1	59	16.9	0	48	0.0	0	39	0.0	6	54	111.1	6	64	93.8	0	41	0.0
4 (quadruplets)	0	4	0.0	0	4	0.0	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total		45791			42993			43261			44674			43938			44742	
All Higher Order			16.0			15.2			14.1			20.3			17.1			11.5
Medicaid																		
1 (singletons)	223	41913	5.3	196	41976	4.7	226	42202	5.4	212	41200	5.1	201	40745	4.9	206	41318	5.0
2 (twins)	20	1071	18.7	9	1105	8.1	17	1049	16.2	30	1131	26.5	27	1096	24.6	31	1062	29.2
3 (triplets)	1	24	41.7	1	15	66.7	0	21	0.0	5	40	125.0	2	31	64.5	1	34	29.4
4 (quadruplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total		43008			43096			43272			42371			41872			42414	
All Higher Order			19.2			8.9			15.9			29.9			25.7			29.2
All Births																		
1 (singletons)	362	85958	4.2	354	83263	4.3	351	83826	4.2	370	84295	4.4	319	83047	3.8	337	84496	4.0
2 (twins)	47	2754	17.1	35	2759	12.7	40	2647	15.1	56	2656	21.1	49	2668	18.4	49	2585	19.0
3 (triplets)	2	83	24.1	1	63	15.9	0	60	0.0	11	94	117.0	8	95	84.2	1	75	13.3
4 (quadruplets)	0	4	0.0	0	4	0.0	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
5 (quintuplets)	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a	0	0	n/a
Total		88799			86089			86533			87045			85810			87156	
All Higher Order			17.2			12.7			14.8			24.4			20.6			18.8

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