

**Table 1. Disease notifications, by year of onset of illness, NSW 2003-2013**

Condition		Year (onset date)											Total
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Adverse event after immunisation		219	187	107	72	244	260	129	235	379	256	504	2592
Anthrax		0	0	0	1	0	0	0	1	0	0	0	2
Blood lead level >= 10 µ g/dl		318	278	206	269	242	237	175	230	270	576	522	3323
Botulism		0	1	0	0	0	0	0	0	2	0	2	5
Brucellosis		3	7	3	9	4	1	4	2	6	6	3	48
Chlamydia trachomatis infection	Congenital chlamydia	23	28	46	39	31	40	49	41	39	44	30	410
	Chlamydia – other	7750	9973	11221	12015	12430	14000	14951	18229	20576	21305	20821	163271
	Total	7773	10001	11267	12054	12461	14040	15000	18270	20615	21349	20851	163681
Cholera		0	1	0	3	2	2	3	2	0	2	2	17
Creutzfeldt-Jakob disease		0	6	8	10	9	8	11	8	10	6	9	85
Cryptosporidiosis		203	353	849	778	544	486	1463	349	359	684	1108	7176
Foodborne illness (NOS)		1071	550	309	507	763	667	902	927	797	662	417	7572
Gastroenteritis (institutional)		3583	12784	1395	10641	10488	10135	11876	7651	9071	13842	7199	98665
Giardiasis		1028	1232	1449	1722	1945	1783	2096	2296	2371	2009	2205	20136
Gonorrhoea		1323	1428	1572	1734	1382	1330	1653	2300	2881	4127	4243	23973
H. influenzae type b		6	5	7	11	7	8	6	6	4	2	9	71
Haemolytic uraemic syndrome		5	9	11	11	13	17	4	3	4	10	8	95
Hepatitis A		123	137	83	95	65	69	98	83	57	42	61	913
Hepatitis B	Hepatitis B – acute viral	74	53	56	51	56	45	36	35	30	29	34	499
	Hepatitis B – other	2606	2566	2597	2397	2494	2440	2570	2509	2482	2288	2478	27427
	Total	2680	2619	2653	2448	2550	2485	2606	2544	2512	2317	2512	27926
Hepatitis C	Hepatitis C – acute viral	122	57	44	56	64	26	41	34	50	51	44	589
	Hepatitis C – other	4703	4440	4147	4129	3977	3625	3740	3699	3285	3245	3462	42452
	Total	4825	4497	4191	4185	4041	3651	3781	3733	3335	3296	3506	43041
Hepatitis D		12	14	13	14	11	13	9	9	13	5	9	122
Hepatitis E		6	8	7	10	8	14	17	14	21	10	15	130
HIV infection - newly diagnosed		413	407	394	368	386	325	333	307	330	409	355	4027
Influenza	Influenza – Type A	770	793	1131	487	1703	833	12508	1411	4041	6246	5308	35231
	Influenza – Type B	55	118	262	181	184	1001	162	143	1631	1713	3050	8500
	Influenza – Type A&B	0	0	10	2	2	3	12	36	29	33	40	167
	Influenza – NOS	38	27	11	8	170	17	102	6	85	1	3	468
	Total	863	938	1414	678	2059	1854	12784	1596	5786	7993	8401	44366
Legionellosis	L. longbeachae	37	26	23	22	29	52	64	48	40	29	36	406
	L. pneumophila	23	52	64	56	73	38	28	39	63	64	54	554
	Legionnaires' disease – other	0	2	1	0	2	0	1	10	6	9	11	42
	Total	60	80	88	78	104	90	93	97	109	102	101	1002
Leprosy		2	5	1	1	5	4	1	1	4	0	2	26
Leptospirosis		39	40	35	17	9	17	18	22	40	22	12	271
Listeriosis		28	30	25	26	22	34	27	26	21	39	29	307
Lymphogranuloma venereum		0	1	2	1	0	3	4	57	36	29	27	160
Measles		18	12	5	60	4	39	19	26	90	172	34	479
Meningococcal disease	Meningococcal – serogroup B	99	81	73	54	76	49	57	49	43	42	26	649
	Meningococcal – serogroup C	45	24	16	12	9	9	7	5	2	2	3	134

**Table 1. Disease notifications, by year of onset of illness, NSW 2003-2013**

		Year (onset date)											
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
	Meningococcal – serogroup W135	2	5	8	5	2	5	5	4	4	4	6	50
	Meningococcal – serogroup Y	5	3	3	1	5	4	3	3	4	5	8	44
	Meningococcal – conjunctivitis	4	3	3	5	3	1	4	2	1	0	2	28
	Meningococcal – other	46	33	37	29	17	13	20	12	18	12	3	240
	Total	201	149	140	106	112	81	96	75	72	65	48	1145
Mumps		36	65	111	155	323	77	40	40	68	105	90	1110
Pertussis		2769	3564	5797	4910	2096	8754	12548	9342	13195	5838	2338	71151
Pneumococcal disease (invasive)		801	903	642	562	520	546	476	497	529	581	469	6526
Psittacosis		87	81	121	94	35	40	22	18	23	18	8	547
Q fever		287	220	143	175	204	167	140	148	143	123	168	1918
Rotavirus		0	0	0	0	0	0	0	1378	1060	1756	491	4685
Rubella	Congenital rubella	1	1	0	0	1	0	0	0	0	0	0	3
	Rubella – other	23	17	10	37	8	17	7	13	17	10	12	171
	Total	24	18	10	37	9	17	7	13	17	10	12	174
Salmonella infection		1846	2123	2147	2027	2490	2248	2718	3751	3475	2945	3438	29208
Shigellosis		59	96	134	72	71	109	151	117	131	124	150	1214
Syphilis	Infectious syphilis	242	292	241	229	458	425	525	408	409	514	624	4367
	Congenital syphilis	3	1	9	4	5	3	0	0	3	0	3	31
	Syphilis - other	539	461	300	384	360	410	398	358	342	304	409	4265
	Total	784	754	550	617	823	838	923	766	754	818	1036	8663
Tetanus		1	1	1	2	2	1	2	1	1	1	2	15
Tuberculosis		386	433	450	464	473	497	526	520	511	451	430	5141
Typhoid		15	38	27	35	34	43	47	31	45	43	59	417
Vector borne disease	Barmah Forest virus infection	451	400	449	642	573	530	358	261	460	357	431	4912
	Dengue	71	30	48	53	81	156	134	234	142	289	298	1536
	Malaria	120	100	203	138	97	115	92	121	79	70	87	1222
	Ross River virus infection	492	696	574	1221	840	1151	908	1088	579	604	503	8656
	Other	6	13	6	1	2	6	8	16	14	2	24	98
	Total	1140	1239	1280	2055	1593	1958	1500	1720	1274	1322	1343	16424
Verotoxin-producing Escherichia coli infections		3	5	16	10	23	19	21	10	10	13	24	154

**Table 2. Disease notification rates per 100,000, by year of onset of illness, NSW 2003-2013**

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Adverse event after immunisation		3.3	2.8	1.6	1.1	3.6	3.7	1.8	3.3	5.3	3.5	6.8
Anthrax		0	0	0	0	0	0	0	0	0	0	0
Blood lead level >= 10 µ g/dl		4.8	4.2	3.1	4	3.5	3.4	2.5	3.2	3.7	7.9	7.1
Botulism		0	0	0	0	0	0	0	0	0	0	0
Brucellosis		0	0.1	0	0.1	0.1	0	0.1	0	0.1	0.1	0
Chlamydia trachomatis infection	Congenital chlamydia	0.3	0.4	0.7	0.6	0.5	0.6	0.7	0.6	0.5	0.6	0.4
	Chlamydia – other	116	149	167	178	181	201	211	254	284	291	281
Cholera		0	0	0	0	0	0	0	0	0	0	0
Creutzfeldt-Jakob disease		0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cryptosporidiosis		3.1	5.3	12.7	11.5	7.9	7	20.7	4.9	5	9.4	15
Foodborne illness (NOS)												
Giardiasis		15.5	18.4	21.6	25.5	28.4	25.6	29.7	32.1	32.8	27.5	29.8
Gonorrhoea		19.8	21.2	23.2	25.5	20	18.9	23.2	32	39.7	56.1	57.2
H. influenzae type b		0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0	0.1
Haemolytic uraemic syndrome		0.1	0.1	0.2	0.2	0.2	0.2	0.1	0	0.1	0.1	0.1
Hepatitis A		1.9	2.1	1.2	1.4	1	1	1.4	1.2	0.8	0.6	0.8
Hepatitis B	Hepatitis B – acute viral	1.1	0.8	0.8	0.8	0.8	0.6	0.5	0.5	0.4	0.4	0.5
	Hepatitis B – other	39.2	38.5	38.7	35.4	36.3	34.9	36.1	34.9	34.3	31.3	33.4
Hepatitis C	Hepatitis C – acute viral	1.8	0.9	0.7	0.8	0.9	0.4	0.6	0.5	0.7	0.7	0.6
	Hepatitis C – other	70.9	66.7	61.9	61.1	58.2	52.1	52.8	51.8	45.4	44.4	46.8
Hepatitis D		0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1
Hepatitis E		0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.1	0.2
HIV infection - newly diagnosed		6.2	6.1	5.9	5.5	5.6	4.7	4.7	4.3	4.6	5.6	4.8
Influenza	Influenza – Type A	11.5	11.9	16.9	7.2	24.8	11.9	177	19.8	55.9	85.5	71.7
	Influenza – Type B	0.8	1.8	3.9	2.7	2.7	14.4	2.3	2	22.6	23.4	41.2
	Influenza – Type A&B	0	0	0.1	0	0	0	0.2	0.5	0.4	0.5	0.5
	Influenza – NOS	0.6	0.4	0.2	0.1	2.5	0.2	1.4	0.1	1.2	0	0
Legionellosis	L. longbeachae	0.6	0.4	0.3	0.3	0.4	0.7	0.9	0.7	0.6	0.4	0.5
	L. pneumophila	0.3	0.8	0.9	0.8	1.1	0.5	0.4	0.5	0.9	0.9	0.7
	Legionnaires' disease – other	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
Leprosy		0	0.1	0	0	0.1	0.1	0	0	0.1	0	0
Leptospirosis		0.6	0.6	0.5	0.3	0.1	0.2	0.3	0.3	0.6	0.3	0.2
Listeriosis		0.4	0.5	0.4	0.4	0.3	0.5	0.4	0.4	0.3	0.5	0.4
Lymphogranuloma venereum		0	0	0	0	0	0	0.1	0.8	0.5	0.4	0.4
Measles		0.3	0.2	0.1	0.9	0	0.6	0.3	0.4	1.2	2.4	0.5
Meningococcal disease	Meningococcal – serogroup B	1.5	1.2	1.1	0.8	1.1	0.7	0.8	0.7	0.6	0.6	0.4
	Meningococcal – serogroup C	0.7	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0	0	0
	Meningococcal – serogroup W135	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1
	Meningococcal – serogroup Y	0.1	0	0	0	0.1	0.1	0	0	0.1	0.1	0.1
	Meningococcal – conjunctivitis	0.1	0	0	0.1	0	0	0.1	0	0	0	0
Meningococcal – other	0.7	0.5	0.6	0.4	0.2	0.2	0.3	0.2	0.2	0.2	0	
Mumps		0.5	1	1.6	2.3	4.7	1.1	0.6	0.6	0.9	1.4	1.2
Pertussis		41.8	53.6	86.6	72.8	30.7	126	178	131	183	80	31.6
Pneumococcal disease (invasive)		12	13.5	9.5	8.3	7.6	7.9	6.7	6.9	7.3	7.9	6.3
Psittacosis		1.3	1.2	1.8	1.4	0.5	0.6	0.3	0.3	0.3	0.2	0.1
Q fever		4.3	3.3	2.1	2.6	3	2.4	2	2.1	2	1.7	2.3
Rotavirus		0	0	0	0	0	0	0	19.3	14.7	24	6.6
Rubella	Congenital rubella	0	0	0	0	0	0	0	0	0	0	0
	Rubella – other	0.3	0.3	0.1	0.5	0.1	0.2	0.1	0.2	0.2	0.1	0.2
Salmonella infection		27.7	31.8	31.9	30	36.2	32.1	38.3	52.3	48.1	40.3	46.4
Shigellosis		0.9	1.4	2	1.1	1	1.5	2.1	1.6	1.8	1.7	2

**Table 2. Disease notification rates per 100,000, by year of onset of illness, NSW 2003-2013**

Syphilis	Infectious syphilis	3.6	4.4	3.6	3.3	6.7	6.1	7.4	5.7	5.7	7	8.4
	Congenital syphilis	0	0	0.1	0.1	0.1	0	0	0	0	0	0
	Syphilis - other	8.1	6.9	4.5	5.7	5.2	5.9	5.6	5	4.7	4.2	5.5
Tetanus		0	0	0	0	0	0	0	0	0	0	0
Tuberculosis		5.7	6.4	6.6	6.9	6.9	7.1	7.4	7.3	7.1	6.1	5.8
Typhoid		0.2	0.6	0.4	0.5	0.5	0.6	0.6	0.4	0.6	0.6	0.8
Vector borne disease	Barmah Forest virus infection	6.8	6	6.7	9.5	8.4	7.6	5.1	3.7	6.4	4.9	5.8
	Dengue	1	0.4	0.7	0.8	1.2	2.1	1.9	3.2	2	3.9	4
	Malaria	1.8	1.5	3	2	1.4	1.6	1.2	1.7	1.1	0.9	1.1
	Ross River virus infection	7.4	10.5	8.6	18.1	12.3	16.6	12.9	15.2	8	8.3	6.8
	Other	0.1	0.2	0.1	0	0	0.1	0.1	0.2	0.2	0	0.3
Verotoxin-producing Escherichia coli infections		0	0.1	0.2	0.1	0.3	0.3	0.3	0.1	0.1	0.2	0.3

**Table 3. Disease notifications, by month of onset of illness, NSW, 2013**

Condition	Month (onset date)												Total	
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.		
Adverse event after immunisation		11	96	154	68	40	16	18	20	22	24	20	15	504
Blood lead level >= 10 µ g/dl		49	51	38	42	82	25	37	41	39	28	40	50	522
Botulism		0	1	0	0	0	0	0	1	0	0	0	0	2
Brucellosis		0	0	0	0	0	0	1	0	0	2	0	0	3
Chlamydia trachomatis infection	Congenital chlamydia	2	3	8	1	2	5	3	2	0	3	0	1	30
	Chlamydia – other	1776	1861	1721	1659	1874	1560	1794	1726	1573	1817	1899	1561	20821
	Total	1778	1864	1729	1660	1876	1565	1797	1728	1573	1820	1899	1562	20851
Cholera		0	0	0	0	0	0	0	0	0	2	0	0	2
Creutzfeldt-Jakob disease		1	3	0	2	1	0	1	0	0	0	0	1	9
Cryptosporidiosis		134	234	227	153	92	47	39	19	16	22	74	51	1108
Foodborne illness (NOS)		22	40	4	65	0	30	26	63	24	63	8	72	417
Giardiasis		196	274	213	196	206	157	160	155	154	175	179	140	2205
Gonorrhoea		401	357	354	365	346	337	387	365	315	335	352	329	4243
H. influenzae type b		0	1	1	1	0	1	0	3	0	0	0	2	9
Haemolytic uraemic syndrome		1	2	0	0	0	0	1	0	0	0	2	2	8
Hepatitis A		9	18	3	1	3	6	4	4	3	2	4	4	61
Hepatitis B	Hepatitis B – acute viral	5	4	2	2	6	1	1	3	1	3	2	4	34
	Hepatitis B – other	194	189	182	177	206	171	221	247	241	219	220	211	2478
	Total	199	193	184	179	212	172	222	250	242	222	222	215	2512
Hepatitis C	Hepatitis C – acute viral	2	6	4	3	2	0	7	5	5	6	3	1	44
	Hepatitis C – other	256	296	259	259	305	271	294	331	306	341	309	235	3462
	Total	258	302	263	262	307	271	301	336	311	347	312	236	3506
Hepatitis D		0	1	0	1	2	2	1	0	1	1	0	0	9
Hepatitis E		4	0	3	3	0	1	0	0	0	1	2	1	15
HIV infection - newly diagnosed		25	27	26	30	41	30	36	24	29	33	27	27	355
Influenza	Influenza – Type A	79	116	116	102	105	212	603	1978	1249	419	182	147	5308
	Influenza – Type B	30	19	34	23	55	123	359	1127	952	209	80	39	3050
	Influenza – Type A&B	1	1	2	3	2	3	5	11	7	3	0	2	40
	Influenza – NOS	0	0	0	0	0	0	0	0	0	3	0	0	3
	Total	110	136	152	128	162	338	967	3116	2208	634	262	188	8401
Legionellosis	L. longbeachae	1	3	3	3	1	4	3	6	5	4	3	0	36
	L. pneumophila	3	5	5	7	6	4	4	4	7	2	5	2	54
	Legionnaires' disease – other	2	0	0	1	1	0	1	3	0	1	0	2	11
	Total	6	8	8	11	8	8	8	13	12	7	8	4	101
Leprosy		0	1	0	0	0	0	0	0	1	0	0	0	2
Leptospirosis		0	1	1	0	2	1	3	0	1	1	0	2	12
Listeriosis		6	1	4	4	2	1	2	2	3	1	1	2	29
Lymphogranuloma venereum		1	5	4	2	4	4	2	3	0	1	0	1	27
Measles		0	1	0	1	2	6	2	1	5	12	1	3	34
Meningococcal disease	Meningococcal – serogroup B	4	0	2	2	1	2	3	3	2	3	4	0	26
	Meningococcal – serogroup C	0	0	2	0	0	0	0	0	0	1	0	0	3
	Meningococcal – serogroup W135	0	0	0	0	0	0	0	4	1	0	1	0	6
	Meningococcal – serogroup Y	0	0	0	0	0	0	0	2	2	2	1	1	8
	Meningococcal – conjunctivitis	0	0	0	0	0	0	0	2	0	0	0	0	2
	Meningococcal – other	0	0	0	1	0	0	1	0	0	0	1	0	3
	Total	4	0	4	3	1	2	4	11	5	6	7	1	48
Mumps		7	8	10	2	19	14	3	4	6	3	5	9	90
Pertussis		296	204	143	163	199	141	184	181	194	223	221	189	2338

**Table 3. Disease notifications, by month of onset of illness, NSW, 2013**

Pneumococcal disease (invasive)		22	20	24	33	51	52	56	71	46	26	33	35	469
Psittacosis		0	0	1	1	1	3	1	0	0	1	0	0	8
Q fever		14	14	9	18	16	13	9	10	12	17	11	25	168
Rotavirus		51	21	31	34	20	28	35	51	55	89	47	29	491
Rubella	Rubella – other	0	1	0	1	3	0	4	2	1	0	0	0	12
	Total	0	1	0	1	3	0	4	2	1	0	0	0	12
Salmonella infection		415	374	346	351	293	201	188	172	172	318	276	332	3438
Shigellosis		14	11	14	7	8	4	15	9	16	14	18	20	150
Syphilis	Infectious syphilis	46	67	63	38	58	41	49	56	53	54	44	55	624
	Congenital syphilis	0	0	0	1	0	1	0	0	1	0	0	0	3
	Syphilis - other	26	26	35	36	54	33	38	35	32	34	31	29	409
	Total	72	93	98	75	112	75	87	91	86	88	75	84	1036
Tetanus		0	1	0	1	0	0	0	0	0	0	0	0	2
Tuberculosis		36	31	36	31	27	32	41	46	30	39	41	40	430
Typhoid		10	5	8	8	5	4	2	0	4	5	3	5	59
Vector borne disease	Barmah Forest virus infection	38	52	51	45	62	43	24	26	26	17	23	24	431
	Dengue	27	15	24	28	20	28	34	31	22	30	12	27	298
	Malaria	12	7	7	4	4	6	14	5	9	9	6	4	87
	Ross River virus infection	39	46	34	57	101	49	35	23	27	33	30	29	503
	Other	2	1	5	1	1	0	8	1	0	2	1	2	24
	Total	118	121	121	135	188	126	115	86	84	91	72	86	1343
Verotoxin-producing Escherichia coli infections		1	6	3	2	3	1	0	0	0	0	6	2	24

Table 4. Disease notifications by local health district of residence, 2013

Condition	Hunter		Mid		Nepean		South		South		Western		Western		Justice Health	Other NSW	Overseas	Total			
	Sydney	Central Coast	Far West	New England	Illawarra Shoalhaven	North Coast	Murrumbidgee	Blue Mountains	Northern Sydney	Northern NSW	Eastern Sydney	Western Sydney	Southern NSW	Western Sydney					Western NSW		
Adverse event after immunisation	16	17	1	60	31	13	32	25	63	26	46	16	43	79	22	0	14	0	504		
Blood lead level >= 10 µ g/dl	22	13	126	47	43	2	36	30	6	13	23	28	3	37	91	0	2	0	522		
Botulism	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2		
Brucellosis	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	3		
Chlamydia trachomatis infection	Congenital chlamydia		1	1	0	7	3	0	2	0	3	0	2	0	8	3	0	0	30		
	Chlamydia – other		2259	857	109	3008	1120	419	781	837	1824	820	3189	2012	404	1950	935	133	148	16	20821
	Total		2260	858	109	3015	1123	419	783	837	1827	820	3189	2014	404	1958	938	133	148	16	20851
Cholera	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
Creutzfeldt-Jakob disease	0	0	0	1	2	0	2	0	0	0	1	0	0	2	0	0	1	0	9		
Cryptosporidiosis	95	29	0	155	45	13	50	61	232	47	147	62	18	77	76	0	1	0	1108		
Giardiasis	181	79	2	295	130	52	79	125	360	31	402	142	56	165	103	0	0	3	2205		
Gonorrhoea	1011	96	6	207	107	27	34	106	312	102	1307	391	24	396	67	12	24	14	4243		
H. influenzae type b	0	0	0	1	0	0	1	1	0	2	3	0	0	0	1	0	0	0	9		
Haemolytic uraemic syndrome	0	0	0	0	1	0	2	0	1	1	1	1	0	0	1	0	0	0	8		
Hepatitis A	5	3	0	3	0	0	2	1	5	5	8	12	0	15	1	0	0	1	61		
Hepatitis B	Hepatitis B – acute viral		2	2	0	12	0	1	3	1	2	3	0	2	0	0	2	0	34		
	Hepatitis B – other		388	36	9	73	36	28	31	35	370	5	359	500	16	516	41	14	10	11	2478
	Total		390	38	9	85	36	29	34	36	371	7	362	503	16	518	41	14	12	11	2512
Hepatitis C	Hepatitis C – acute viral		0	1	0	15	3	0	1	0	3	7	1	0	2	9	0	2	0	44	
	Hepatitis C – other		315	167	27	405	151	136	133	131	151	193	317	377	91	329	240	262	37	0	3462
	Total		315	168	27	420	154	136	134	131	151	196	324	378	91	331	249	262	39	0	3506
Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	4	0	4	1	0	0	0	9		
Hepatitis E	1	0	0	0	0	0	0	0	4	0	5	0	0	5	0	0	0	0	15		
HIV infection - newly diagnosed	90	6	0	18	7	6	3	3	26	5	125	29	4	26	5	1	1	0	355		
Influenza	Influenza – Type A		469	56	10	293	174	47	100	347	626	173	885	863	79	1007	161	6	5	7	5308
	Influenza – Type B		226	26	5	175	55	17	42	211	471	92	463	467	51	695	49	1	2	2	3050
	Influenza – Type A&B		0	0	0	0	0	1	2	0	6	3	26	0	0	2	0	0	0	0	40
	Influenza – NOS		0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
	Total		695	82	15	470	229	65	144	558	1103	268	1374	1330	130	1705	210	7	7	9	8401
Legionellosis	L. longbeachae		1	0	0	3	5	1	0	5	1	3	1	4	4	6	2	0	0	36	
	L. pneumophila		1	0	0	6	5	1	4	5	9	0	3	7	0	9	4	0	0	54	
	Legionnaires' disease – other		0	2	0	3	0	1	1	1	0	1	0	1	0	1	0	0	0	11	
	Total		2	2	0	12	10	3	5	11	10	4	4	12	4	16	6	0	0	101	
Leprosy	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2		
Leptospirosis	0	1	0	4	0	1	1	0	1	2	2	0	0	0	0	0	0	0	12		
Listeriosis	4	1	0	2	0	0	0	0	3	2	4	4	1	7	0	1	0	0	29		
Lymphogranuloma venereum	10	0	0	0	0	0	0	1	3	0	11	0	0	0	1	0	1	0	27		
Measles	8	0	0	0	4	0	0	0	6	6	4	2	1	3	0	0	0	0	34		
Meningococcal disease	Meningococcal – serogroup B		0	1	0	8	0	1	0	3	3	2	2	1	1	1	0	1	0	26	
	Meningococcal – serogroup C		0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	3	
	Meningococcal – serogroup W135		0	1	0	0	0	0	1	0	2	0	1	1	0	0	0	0	0	6	
	Meningococcal – serogroup Y		0	0	0	2	0	0	0	1	1	0	1	0	2	1	0	0	0	8	
	Meningococcal – conjunctivitis		0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	
	Meningococcal – other		0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	3	
	Total		0	2	0	11	0	1	1	3	9	4	3	4	1	5	3	0	1	0	48
Mumps	10	0	0	1	3	0	0	6	23	10	11	12	0	13	1	0	0	0	90		
Pertussis	99	42	3	290	176	68	246	122	317	99	272	192	129	203	75	1	3	1	2338		
Pneumococcal disease (invasive)	36	20	1	76	28	7	21	32	36	15	46	58	14	49	24	0	5	1	469		
Psittacosis	2	1	0	1	0	1	0	3	0	0	0	0	0	0	0	0	0	0	8		
Q fever	0	1	4	49	11	15	7	2	3	36	4	2	12	2	20	0	0	0	168		
Rotavirus	21	12	3	86	15	3	24	16	71	39	91	43	4	46	9	3	1	4	491		
Rubella	Rubella – other		0	0	0	0	0	0	1	1	6	0	3	0	1	0	0	0	12		
	Total		0	0	0	0	0	0	1	1	6	0	3	0	1	0	0	0	0	12	
Salmonella infection	240	131	16	430	158	128	129	154	515	231	425	316	83	347	113	1	11	10	3438		
Shigellosis	31	1	0	4	4	2	1	4	24	11	34	10	2	15	3	0	1	3	150		

**Table 4. Disease notifications by local health district of residence, 2013**

Syphilis	Infectious syphilis	230	1	0	29	12	11	8	16	37	15	192	40	2	19	3	0	8	1	624
	Congenital syphilis	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
	Syphilis - other	81	16	0	14	16	2	2	15	22	9	45	88	3	81	10	0	4	1	409
	Total	311	17	0	43	28	13	10	31	59	24	237	129	5	102	13	0	12	2	1036
Tetanus		0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
Tuberculosis		75	4	1	12	9	5	7	11	39	4	50	96	9	101	2	1	4	0	430
Typhoid		6	0	0	2	0	1	0	1	9	1	9	7	1	22	0	0	0	0	59
Vector borne disease	Barmah Forest virus infection	0	15	3	92	4	84	11	7	5	192	0	1	6	2	8	0	1	0	431
	Dengue	24	18	0	33	21	9	5	5	33	31	67	10	5	31	3	0	2	1	298
	Malaria	14	0	1	8	6	3	1	6	7	4	9	3	1	20	1	0	1	2	87
	Ross River virus infection	4	20	6	130	5	82	49	15	10	119	7	1	12	3	37	0	3	0	503
	Other	3	1	0	2	3	0	0	1	2	1	5	0	0	5	0	0	0	1	24
	Total	45	54	10	265	39	178	66	34	57	347	88	15	24	61	49	0	7	4	1343
Verotoxin-producing Escherichia coli infections		1	0	0	5	1	0	3	0	1	3	0	4	2	0	1	0	2	1	24



**Table 5. Disease notification rates per 100,000 population, by local health district of residence, 2013**

		Central			Hunter		Illawarra Shoalhaven	Mid North Coast	Murrumbidgee	Nepean		Northern Sydney	Northern NSW	South		South		Western NSW	Western NSW
		Sydney	Coast	Far West	New England	England				Blue Mountains	Eastern Sydney			Western Sydney					
Adverse event after immunisation		2.7	5.2	3.2	6.7	7.9	6.2	11.1	7	7.2	8.9	5.2	1.8	21.4	9	8			
Blood lead level >= 10 µg/dl		3.7	4	404	5.3	11	1	12.5	8.4	0.7	4.5	2.6	3.1	1.5	4.2	33.1			
Botulism		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Brucellosis		0	0	0	0.1	0	0	0	0	0.1	0	0	0	0	0.1	0			
Chlamydia trachomatis infection	Congenital chlamydia	0.2	0.3	0	0.8	0.8	0	0.7	0	0.3	0	0	0.2	0	0.9	1.1			
	Chlamydia – other	384	261	349	336	287	200	271	235	208	282	363	223	201	221	340			
Cholera		0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Creutzfeldt-Jakob disease		0	0	0	0.1	0.5	0	0.7	0	0	0	0.1	0	0	0.2	0			
Cryptosporidiosis		16.2	8.8	0	17.3	11.5	6.2	17.3	17.1	26.5	16.2	16.7	6.9	9	8.7	27.6			
Giardiasis		30.8	24.1	6.4	33	33.3	24.8	27.4	35.1	41.1	10.7	45.7	15.7	27.9	18.7	37.5			
Gonorrhoea		172	29.2	19.2	23.2	27.4	12.9	11.8	29.8	35.6	35.1	149	43.3	12	44.9	24.4			
H. influenzae type b		0	0	0	0.1	0	0	0.3	0.3	0	0.7	0.3	0	0	0	0.4			
Haemolytic uraemic syndrome		0	0	0	0	0.3	0	0.7	0	0.1	0.3	0.1	0.1	0	0	0.4			
Hepatitis A		0.9	0.9	0	0.3	0	0	0.7	0.3	0.6	1.7	0.9	1.3	0	1.7	0.4			
Hepatitis B	Hepatitis B – acute viral	0.3	0.6	0	1.3	0	0.5	1	0.3	0.1	0.7	0.3	0.3	0	0.2	0			
	Hepatitis B – other	66	11	28.9	8.2	9.2	13.4	10.7	9.8	42.2	1.7	40.9	55.3	8	58.5	14.9			
Hepatitis C	Hepatitis C – acute viral	0	0.3	0	1.7	0.8	0	0.3	0	0	1	0.8	0.1	0	0.2	3.3			
	Hepatitis C – other	53.6	50.9	86.6	45.3	38.7	64.9	46.1	36.8	17.2	66.3	36.1	41.7	45.4	37.3	87.3			
Hepatitis D		0	0	0	0	0	0	0	0	0	0	0	0.4	0	0.5	0.4			
Hepatitis E		0.2	0	0	0	0	0	0	0	0.5	0	0.6	0	0	0.6	0			
HIV infection - newly diagnosed		15.3	1.8	0.0	2.0	1.8	2.9	1.0	0.8	3.0	1.7	14.2	4.9	2.0	2.9	1.8			
Influenza	Influenza – Type A	79.8	17.1	32.1	32.8	44.6	22.4	34.6	97.4	71.5	59.5	101	95.5	39.4	114	58.6			
	Influenza – Type B	38.4	7.9	16	19.6	14.1	8.1	14.6	59.2	53.8	31.6	52.7	51.7	25.4	78.8	17.8			
	Influenza – Type A&B	0	0	0	0	0	0.5	0.7	0	0.7	1	3	0	0	0.2	0			
	Influenza – NOS	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0.1	0			
Legionellosis	L. longbeachae	0.2	0	0	0.3	1.3	0.5	0	1.4	0.1	1	0.1	0.4	2	0.7	0.7			
	L. pneumophila	0.2	0	0	0.7	1.3	0.5	1.4	1.4	1	0	0.3	0.8	0	1	1.5			
	Legionnaires' disease – other	0	0.6	0	0.3	0	0.5	0.3	0.3	0	0.3	0	0.1	0	0.1	0			
Leprosy		0	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0			
Leptospirosis		0	0.3	0	0.4	0	0.5	0.3	0	0.1	0.7	0.2	0	0	0	0			
Listeriosis		0.7	0.3	0	0.2	0	0	0	0	0.3	0.7	0.5	0.4	0.5	0.8	0			
Lymphogranuloma venereum		1.7	0	0	0	0	0	0	0.3	0.3	0	1.3	0	0	0	0.4			
Measles		1.4	0	0	0	1	0	0	0	0.7	2.1	0.5	0.2	0.5	0.3	0			
Meningococcal disease	Meningococcal – serogroup B	0	0.3	0	0.9	0	0.5	0	0.8	0.3	0.7	0.2	0.2	0.5	0.1	0.4			
	Meningococcal – serogroup C	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0.1	0			
	Meningococcal – serogroup W135	0	0.3	0	0	0	0	0.3	0	0.2	0	0.1	0.1	0	0	0			
	Meningococcal – serogroup Y	0	0	0	0.2	0	0	0	0	0.1	0.3	0	0.1	0	0.2	0.4			
	Meningococcal – conjunctivitis	0	0	0	0.1	0	0	0	0	0	0.3	0	0	0	0	0			
	Meningococcal – other	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.1	0.4			
Mumps		1.7	0	0	0.1	0.8	0	0	1.7	2.6	3.4	1.3	1.3	0	1.5	0.4			
Pertussis		16.8	12.8	9.6	32.4	45.1	32.4	85.2	34.3	36.2	34	31	21.2	64.3	23	27.3			
Pneumococcal disease (invasive)		6.1	6.1	3.2	8.5	7.2	3.3	7.3	9	4.1	5.2	5.2	6.4	7	5.6	8.7			
Psittacosis		0.3	0.3	0	0.1	0	0.5	0	0.8	0	0	0	0	0	0	0			
Q fever		0	0.3	12.8	5.5	2.8	7.2	2.4	0.6	0.3	12.4	0.5	0.2	6	0.2	7.3			
Rotavirus		3.6	3.7	9.6	9.6	3.8	1.4	8.3	4.5	8.1	13.4	10.4	4.8	2	5.2	3.3			
Rubella	Rubella – other	0	0	0	0	0	0	0	0.3	0.1	2.1	0	0.3	0	0.1	0			

**Table 5. Disease notification rates per 100,000 population, by local health district of residence, 2013**

Salmonella infection		40.8	39.9	51.3	48.1	40.5	61.1	44.7	43.2	58.8	79.4	48.4	35	41.4	39.3	41.1
Shigellosis		5.3	0.3	0	0.4	1	1	0.3	1.1	2.7	3.8	3.9	1.1	1	1.7	1.1
Syphilis	Infectious syphilis	39.1	0.3	0	3.2	3.1	5.2	2.8	4.5	4.2	5.2	21.9	4.4	1	2.2	1.1
	Congenital syphilis	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0.2	0
	Syphilis - other	13.8	4.9	0	1.6	4.1	1	0.7	4.2	2.5	3.1	5.1	9.7	1.5	9.2	3.6
Tetanus		0	0	0	0	0	0	0	0.3	0.1	0	0	0	0	0	0
Tuberculosis		12.8	1.2	3.2	1.3	2.3	2.4	2.4	3.1	4.5	1.4	5.7	10.6	4.5	11.4	0.7
Typhoid		1	0	0	0.2	0	0.5	0	0.3	1	0.3	1	0.8	0.5	2.5	0
Vector borne disease	Barmah Forest virus infection	0	4.6	9.6	10.3	1	40.1	3.8	2	0.6	66	0	0.1	3	0.2	2.9
	Dengue	4.1	5.5	0	3.7	5.4	4.3	1.7	1.4	3.8	10.7	7.6	1.1	2.5	3.5	1.1
	Malaria	2.4	0	3.2	0.9	1.5	1.4	0.3	1.7	0.8	1.4	1	0.3	0.5	2.3	0.4
	Ross River virus infection	0.7	6.1	19.2	14.5	1.3	39.1	17	4.2	1.1	40.9	0.8	0.1	6	0.3	13.5
	Other	0.5	0.3	0	0.2	0.8	0	0	0.3	0.2	0.3	0.6	0	0	0.6	0
Verotoxin-producing Escherichia coli infections		0.2	0	0	0.6	0.3	0	1	0	0.1	1	0	0.4	1	0	0.4

**Table 6. Disease notifications, by age group and sex of the patient, NSW 2013**

Condition		Age												Total
		unreported		00-04 yrs		05-24 yrs		25-44 yrs		45-64 yrs		65+ yrs		
		Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	
Adverse event after immunisation		0	0	56	80	134	152	20	3	22	10	18	9	504
Blood lead level >= 10 µg/dl		0	1	47	61	3	68	6	188	4	123	2	19	522
Botulism		0	0	0	2	0	0	0	0	0	0	0	0	2
Brucellosis		0	0	0	0	0	0	1	1	0	1	0	0	3
Chlamydia trachomatis infection	Congenital chlamydia	0	0	20	10	0	0	0	0	0	0	0	0	30
	Chlamydia – other	5	2	2	0	7656	4062	3494	4423	261	826	8	63	20802
	Total	5	2	22	10	7656	4062	3494	4423	261	826	8	63	20832
Cholera		0	0	0	0	1	0	0	1	0	0	0	0	2
Creutzfeldt-Jakob disease		0	0	0	0	0	0	0	0	1	1	4	3	9
Cryptosporidiosis		1	1	170	264	166	166	189	79	33	20	11	7	1107
Giardiasis		1	1	266	309	200	230	381	353	155	143	87	78	2204
Gonorrhoea		0	1	0	3	334	824	355	2112	69	495	3	37	4233
H. influenzae type b		0	0	3	2	0	0	0	0	0	0	3	1	9
Haemolytic uraemic syndrome		0	0	3	1	1	0	1	0	0	1	1	0	8
Hepatitis A		0	0	0	3	12	14	7	10	6	6	2	1	61
Hepatitis B	Hepatitis B – acute viral	0	0	1	1	1	2	7	16	2	2	1	1	34
	Hepatitis B – other	0	0	2	2	139	132	645	671	292	422	68	94	2467
	Total	0	0	3	3	140	134	652	687	294	424	69	95	2501
Hepatitis C	Hepatitis C – acute viral	0	0	0	2	7	7	12	10	1	5	0	0	44
	Hepatitis C – other	2	5	1	1	160	239	556	1097	392	858	69	72	3452
	Total	2	5	1	3	167	246	568	1107	393	863	69	72	3496
Hepatitis D		0	0	0	0	1	0	1	2	1	4	0	0	9
Hepatitis E		0	0	0	1	0	2	3	6	0	1	1	1	15
HIV infection - newly diagnosed		0	0	0	0	5	42	11	186	11	86	0	11	355 3 Transgender
Influenza	Influenza – Type A	0	0	422	488	447	432	902	655	638	545	382	396	5307
	Influenza – Type B	0	1	221	279	504	579	396	245	294	238	155	138	3050
	Influenza – Type A&B	0	0	0	2	2	4	4	6	4	2	6	10	40
	Influenza – NOS	0	0	0	0	0	0	1	0	1	1	0	0	3
	Total	0	1	643	769	953	1015	1303	906	937	786	543	544	8400
Legionellosis	L. longbeachae	0	0	0	0	2	0	1	2	7	10	4	10	36
	L. pneumophila	0	0	0	0	0	0	4	3	6	17	14	10	54
	Legionnaires' disease – other	0	0	0	0	0	0	1	2	2	1	4	1	11
	Total	0	0	0	0	2	0	6	7	15	28	22	21	101
Leprosy		0	0	0	0	0	0	0	1	1	0	0	0	2
Leptospirosis		0	0	0	0	0	2	1	2	2	4	0	1	12
Listeriosis		0	0	0	1	0	0	2	1	2	2	9	11	28
Lymphogranuloma venereum		0	0	0	0	0	1	0	25	0	1	0	0	27
Measles		0	0	5	5	8	5	4	7	0	0	0	0	34
Meningococcal disease	Meningococcal – serogroup B	0	0	3	11	6	3	0	1	1	1	0	0	26
	Meningococcal – serogroup C	0	0	0	0	0	1	0	0	1	0	1	0	3
	Meningococcal – serogroup W135	0	0	0	1	1	2	0	0	0	1	1	0	6
	Meningococcal – serogroup Y	0	0	0	0	0	2	0	0	2	1	3	0	8

**Table 6. Disease notifications, by age group and sex of the patient, NSW 2013**

	Meningococcal – conjunctivitis	0	0	1	0	0	0	0	0	0	0	1	0	2
	Meningococcal – other	0	0	1	0	1	0	1	0	0	0	0	0	3
	Total	0	0	5	12	8	8	1	1	4	3	6	0	48
Mumps		0	0	4	5	9	21	12	21	11	1	4	2	90
Pertussis		0	0	222	221	488	425	271	138	221	141	123	87	2337
Pneumococcal disease (invasive)		0	0	24	35	13	13	26	35	63	62	86	112	469
Psittacosis		0	0	0	0	1	0	0	2	2	1	0	2	8
Q fever		0	0	0	0	4	12	8	42	15	68	4	15	168
Rotavirus		0	0	84	120	46	47	37	24	25	18	59	31	491
Rubella	Rubella – other	0	0	0	0	2	3	2	3	1	1	0	0	12
	Total	0	0	0	0	2	3	2	3	1	1	0	0	12
Salmonella infection		0	3	353	414	441	450	408	359	279	273	250	204	3434
Shigellosis		0	0	8	6	13	16	22	42	7	31	4	1	150
Syphilis	Infectious syphilis	0	0	0	0	5	54	15	356	9	166	1	18	624
	Congenital syphilis	0	0	2	0	1	0	0	0	0	0	0	0	3
	Syphilis - other	0	0	0	0	7	23	44	114	24	96	41	60	409
	Total	0	0	2	0	13	77	59	470	33	262	42	78	1036
Tetanus		0	0	0	0	0	0	0	1	0	0	0	1	2
Tuberculosis		0	0	4	1	35	30	85	94	45	60	26	50	430
Typhoid		0	0	3	4	14	12	10	8	5	2	0	0	58
Vector borne disease	Barmah Forest virus infection	0	0	3	0	27	19	80	55	85	94	26	42	431
	Dengue	0	0	0	2	28	29	63	56	48	46	8	18	298
	Malaria	0	0	1	3	2	16	10	27	5	13	7	3	87
	Ross River virus infection	0	0	1	0	27	25	101	86	82	88	42	51	503
	Other	0	0	0	0	0	0	4	7	3	6	4	0	24
	Total	0	0	5	5	84	89	258	231	223	247	87	114	1343
Verotoxin-producing Escherichia coli infections		0	0	2	2	2	6	2	0	1	3	5	1	24