Cases of Selected Notifiable Conditions Reported in Maryland in 2008*

Case Rates per 100,000 Population (or per 100,000 Live Births for Congenital Syphilis) by Jurisdiction

Condition	**Maryland Total**	Allegany	Anne Arundel	Baltimore City	Baltimore County	Calvert	Caroline	Carroll	Cecil	Charles	Dorchester	Frederick	Garrett	Harford	Howard	Kent	Montgomery	Prince George's	Queen Anne's	Saint Mary's	Somerset	Talbot	Washington	Wicomico	Worcester
Amebiasis	0.6	0.0	0.6	0.3	0.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anaplasmosis	0.1	0.0	0.0	0.0	0.4	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	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Animal Bites	169.8	278.5	195.8	149.9	240.0	264.5	278.3	216.7	227.0	223.9	398.9	150.2	312.3	250.3	124.9	179.7	72.9	80.2	271.9	223.3	279.8	256.9	228.3	380.0	358.6
Anthrax	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arboviral Infection (Other than West Nile)	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Babesiosis	0.6	0.0	0.2	0.3	0.3	1.1	0.0	1.2	0.0	4.3	0.0	0.4	0.0	0.4	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.1	12.2
Botulism	0.1	0.0	0.0	0.2	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
Brucellosis	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Campylobacteriosis	7.0	12.5	5.3	6.3	8.4	4.5	9.0	11.8	9.0	5.0	12.5	6.6	20.4	8.3	9.1	15.0	8.7	2.7	12.7	2.0	0.0	11.0	1.4	14.8	8.1
Chancroid	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chlamydia	437.9	241.1	259.0	1327.7	311.5	252.0	356.1	118.7	182.2	447.1	673.1	180.3	50.9	233.2	173.9	269.6	207.4	639.2	214.5	320.7	835.6	273.5	271.4	674.2	372.8
Cholera	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coccidioidomycosis	0.1	0.0	0.0	0.3	0.1	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	0.0	0.0
Creutzfeldt-Jakob Disease	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptosporidiosis	1.0	0.0	2.7	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.7	0.4	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.7	1.1	2.0
Cyclosporiasis	0.1	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	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dengue Fever	0.1	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	0.4	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diphtheria	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ehrlichiosis	1.1	0.0	1.2	0.3	0.1	2.3	15.0	1.8	1.0	1.4	3.1	0.4	0.0	0.8	0.0	0.0	0.1	0.1	4.2	1.0	0.0	69.1	0.0	2.1	8.1
Encephalitis - non-Arboviral	0.4	2.8	1.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.4	5.0	0.3	0.0	2.1	0.0	3.8	0.0	0.7	0.0	0.0
Epsilon Toxin (C. perf.) Associated Illness	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Giardiasis	5.0	2.8	7.8	4.6	4.1	4.5	0.0	2.4	2.0	5.7	0.0	5.7	3.4	2.5	6.5	25.0	7.6	4.1	6.4	1.0	3.8	2.8	2.1	5.3	0.0
Glanders	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gonorrhea	118.3	23.6	43.8	501.8	70.3	49.7	86.8	11.8	20.9	85.7	130.9	19.4	10.2	33.4	26.1	79.9	27.5	183.0	34.0	60.0	115.0	55.2	75.9	161.9	60.8
H. influenzae - Invasive Disease	1.7	1.4	1.8	2.5	1.7	0.0	0.0	3.5	4.0	0.7	3.1	1.3	3.4	0.8	0.4	10.0	1.5	2.0	0.0	3.0	0.0	0.0	0.7	2.1	2.0
Hantavirus Infection	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hantavirus Pulmonary Syndrome	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hemolytic Uremic Syndrome post-diarrheal	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis A (Acute-Symptomatic)	0.8	0.0	1.0	0.6	0.4	2.3	0.0	1.8	0.0	0.0	6.2	0.0	0.0	0.8	0.4	5.0	1.1	1.0	2.1	0.0	0.0	2.8	0.7	0.0	0.0
Hepatitis B (Acute-Symptomatic)	1.5	1.4	2.9	2.2	1.9	2.3	0.0	0.6	3.0	1.4	0.0	0.4	3.4	2.5	0.0	0.0	0.2	1.7	0.0	0.0	3.8	0.0	0.0	6.4	2.0
Hepatitis B - Perinatal	0.0	0.0	0.0	0.0	0.1	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	0.0	0.0
Hepatitis C (Acute-Symptomatic)	0.4	2.8	1.4	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0	11.5	0.0	0.7	2.1	0.0
Hepatitis D (Acute-Symptomatic)	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Isosporiasis	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kawasaki Syndrome	0.3	0.0	0.2	0.0	0.5	0.0	0.0	0.6	0.0	0.0	0.0	1.3	0.0	0.8	0.0	0.0	0.6	0.0	0.0	1.0	0.0	0.0	0.7	0.0	0.0
Legionellosis	2.5	1.4	1.6	5.2	3.4	6.8	0.0	2.4	1.0	3.5	0.0	1.8	0.0	2.9	1.5	5.0	0.6	2.2	0.0	1.0	3.8	2.8	8.9	1.1	2.0
Leprosy (Hansen Disease)	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leptospirosis	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Listeriosis	0.3	0.0	0.2	0.6	0.6	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lyme Disease	39.4	15.2	36.2	7.2	30.2	38.4	86.8	77.4	103.5	48.2	62.3	32.7	3.4	53.4	134.0	274.6	33.2	16.1	203.9	22.6	38.3	116.0	36.9	44.5	26.3
Malaria	1.4	0.0	0.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	1.7	4.8	0.0	1.0	0.0	0.0	0.7	2.1	0.0
Measles (Rubeola)	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis, Aseptic/Unspecified	11.9	9.7	7.4	20.4	11.9	14.7	3.0	1.8	11.9	5.7	0.0	2.7	0.0	14.2	8.4	0.0	17.6	11.8	4.2	5.9	11.5	2.8	4.8	16.9	6.1
Meningococcal Invasive	0.3	0.0	0.4	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.8	0.0	0.0	0.3	0.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Microsporidiosis	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mumps (Infectious Parotitis)	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	2.0	0.7	3.1	0.0	0.0	0.8	0.0	0.0	0.0	0.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Mycobacteriosis, Other than TB & Leprosy	10.2	5.5	26.4	18.4	9.0	9.0	9.0	8.3	4.0	3.5	18.7	23.9	0.0	9.6	5.1	0.0	8.5	0.2	4.2	7.9	15.3	13.8	6.8	1.1	6.1
Novel Influenza A Virus Infections	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pertussis	2.9	11.1	2.0	2.0	2.0	3.4	0.0	8.3	0.0	7.8	0.0	10.2	6.8	2.1	1.8	5.0	3.1	1.7	4.2	2.0	0.0	5.5	1.4	2.1	0.0
Pertussis Vaccine Adverse Rxns	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plague	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia - Hospitalized Healthcare Worker	0.7	0.0	0.0	0.8	0.6	3.4	0.0	1.2	0.0	0.7	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.7	0.0	0.0	3.8	0.0	6.2	1.1	2.0
Poliomyelitis	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Psittacosis	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q Fever	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rabies - Animal	7.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rabies - Human	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ricin Toxin Associated Illness	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rocky Mountain Spotted Fever (RMSF)	1.6	0.0	2.0	0.8	0.8	3.4	26.9	0.6	4.0	3.5	15.6	0.0	0.0	1.3	0.7	0.0	1.2	0.5	8.5	0.0	3.8	30.4	0.0	8.5	0.0
Rubella (German Measles)	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rubella - Congenital Syndrome	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis - Other than Typhoid Fever	15.7	9.7	15.6	33.7	14.0	10.2	20.9	12.4	9.0	9.2	12.5	17.2	17.0	14.6	17.1	5.0	12.9	8.7	25.5	10.8	19.2	22.1	10.3	24.3	32.4
Severe Acute Respiratory Syndrome (SARS)	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Septicemia in Newborns	0.2	0.0	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.1	0.0
Shiga toxin producing E. coli (STEC)	2.3	0.0	2.5	0.6	1.4	2.3	6.0	1.8	1.0	2.1	0.0	7.1	0.0	1.7	2.9	0.0	3.6	2.8	2.1	1.0	0.0	0.0	0.7	1.1	2.0
Shigellosis	2.4	0.0	2.9	7.5	2.7	1.1	0.0	1.2	0.0	0.7	3.1	0.0	0.0	1.7	1.1	0.0	2.0	2.2	0.0	0.0	3.8	0.0	1.4	1.1	0.0
Smallpox & Other Orthopox Viruses	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Staphylococcal Enterotoxin B Illness	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Strep Group A - Invasive Disease	3.5	0.0	3.9	7.1	5.7	2.3	0.0	6.5	2.0	1.4	0.0	1.8	3.4	2.5	2.2	5.0	2.1	2.2	2.1	2.0	0.0	5.5	2.7	4.2	4.1
Strep Group B - Invasive Disease	7.8	12.5	10.8	13.3	9.9	3.4	9.0	8.3	7.0	4.3	3.1	5.7	6.8	9.6	4.7	0.0	4.3	6.7	2.1	7.9	11.5	0.0	6.8	5.3	8.1
Strep pneumoniae - Invasive Disease	11.0	4.2	14.1	30.1	13.2	0.0	3.0	10.0	2.0	6.4	3.1	6.2	13.6	10.4	4.7	5.0	5.5	7.4	12.7	4.9	15.3	2.8	9.6	14.8	10.1
Strep pneumoniae - Invasive (Drug Resistant)	0.1	0.0	1.4	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	0.0	0.0	0.0	0.0
Syphilis - Congenital	31.1	**	**	121.1	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
Syphilis - Primary and Secondary	6.7	2.8	6.3	31.1	3.6	0.0	0.0	0.0	0.0	2.1	3.1	1.8	0.0	0.8	2.9	0.0	2.2	9.2	4.2	0.0	0.0	0.0	0.0	2.1	0.0
Tetanus	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trichinosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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
Tuberculosis	4.9	1.4	3.5	5.0	2.5	1.1	3.0	3.0	1.0	2.8	0.0	5.3	3.4	1.3	4.0	5.0	9.3	8.3	0.0	2.0	3.8	0.0	0.7	6.4	2.0
Tularemia	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	0.0	0.0	0.0	2.8	0.0	0.0	0.0
Typhoid Fever - Acute	0.3	0.0	0.2	0.3	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Typhoid Fever - Carrier	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Varicella (Chickenpox) - Deaths	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibriosis (Non-Cholera)	0.6	0.0	0.8	0.8	0.6	1.1	0.0	1.2	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.0	0.3	0.5	4.2	1.0	7.7	2.8	0.0	0.0	0.0
Viral Hemorrhagic Fever	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Nile Virus Symptomatic Infections	0.2	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.3	0.0	0.0	0.4	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Yellow Fever	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yersiniosis	0.2	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.3	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0

* Data sources: Maryland's NEDSS, TIMS, and STD*MIS databases. Data is current as of August 17, 2010. These are active databases and counts may vary slightly over time, as well as differ slightly from counts published by the Centers for Disease Control and Prevention (CDC). HIV/AIDS data are not included here but available at http://www.dhmh.state.md.us/AIDS/Data&Statistics/statistics.htm.

**Due to very small numbers the county rate for Congenital Syphilis is calculated only for the combined counties (excluding Baltimore City). The total county rate is 17.8 per 100,000 live births.

The case status classifications (confirmed, probable, or suspect) included in these totals are specific to the condition, and depend in part on the CDC case definitions for surveillance, where those exist (see http://www.cdc.gov/ncphi/disss/nndss/casedef/case_definitions.htm#l). There may be additional "probable" and/or "suspect" cases for the following conditions: Anaplasmosis, Creutzfeldt-Jakob disease, Ehrlichiosis, Legionellosis, Lyme disease, Measles, Meningococcal disease, Mumps, and RMSF that are not included in these totals.