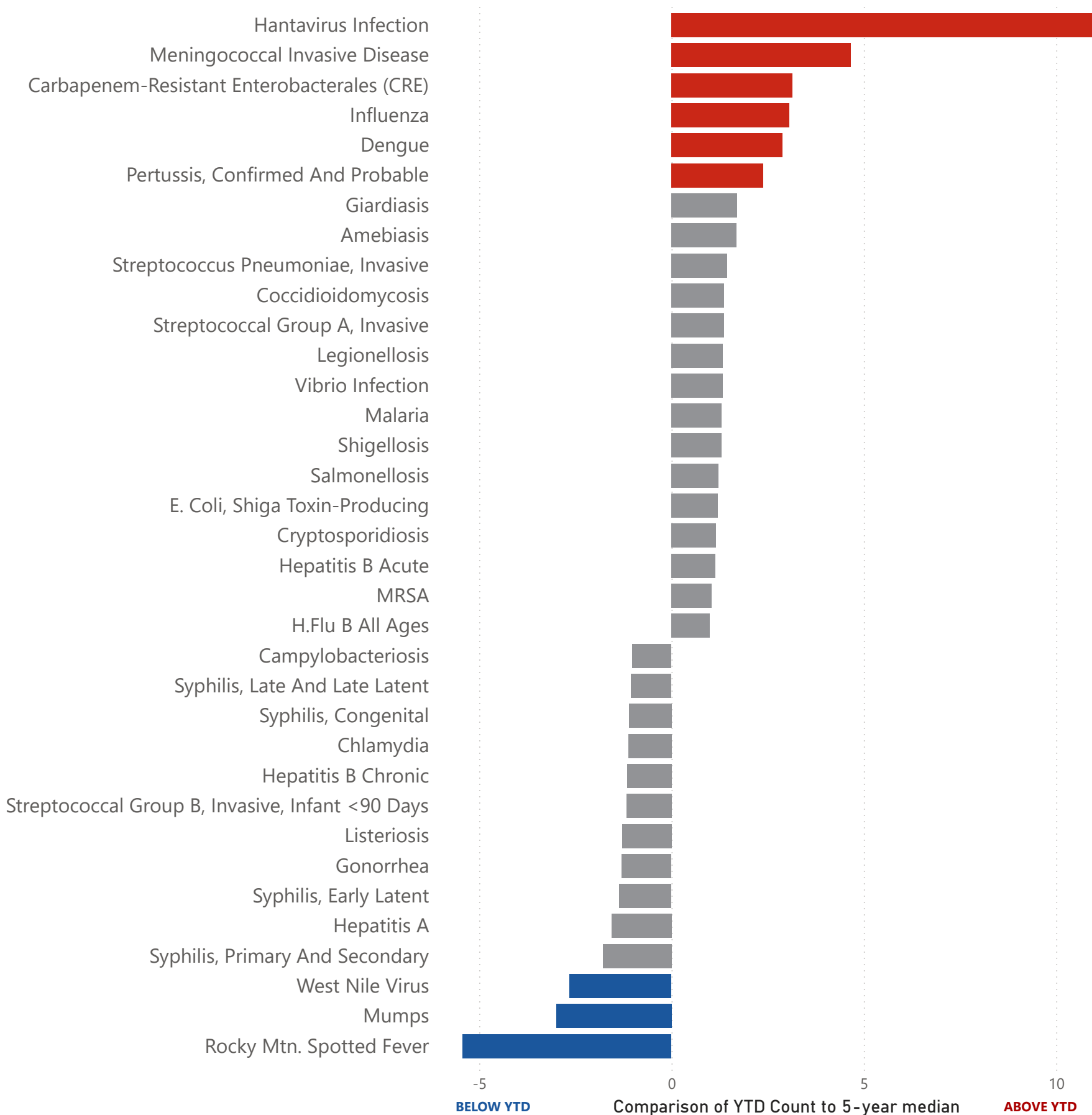


SUMMARY OF SELECTED REPORTABLE DISEASES

January-December, 2024

Case counts refer to confirmed and probable cases.



The following morbidities have a YTD count at least **2 times greater** than their 5-year medians:

- Carbapenem-Resistant Enterobacterales (CRE)
- Dengue
- Hantavirus Infection
- Influenza
- Meningococcal Invasive Disease
- Pertussis, Confirmed And Probable

The following morbidities have a YTD count at least **2 times less** than their 5-year medians:

- Mumps
- Rocky Mtn. Spotted Fever
- West Nile Virus

The following morbidities are not shown, due to a YTD count or 5-year median = 0:

- Chikungunya
- Measles
- Zika

SUMMARY OF SELECTED REPORTABLE DISEASES Jan-December, 2024

Case counts refer to confirmed and probable cases^{1, 2, 3}

	Jan-December 2024	Jan-December 2023	5-year Median Jan-December
VACCINE PREVENTABLE DISEASES:			
<i>Haemophilus influenzae</i> , serotype b invasive disease, all ages	1	0	1
<i>Haemophilus influenzae</i> , serotype b, invasive disease, <5 years of age	1	0	1
Influenza ⁴	25,257	23,954	8,262
Measles	5	0	0
Meningococcal infection, invasive	14	8	3
Mumps	2	6	6
Pertussis, probable and confirmed	787	344	331
Pertussis, confirmed cases only	431	176	176
ENTERIC DISEASES:			
Amebiasis	22	13	13
Campylobacteriosis	1,483	1,361	1,508
Cryptosporidiosis	146	129	127
<i>E.coli</i> , Shiga toxin-producing	358	329	297
Giardiasis	192	160	113
Listeriosis	7	9	9
Salmonellosis	1,163	1,242	954
Shigellosis	553	516	426
Vibrio infection	69	61	52
VIRAL HEPATITIDES:			
Hepatitis A	38	61	59
Hepatitis B, acute	42	37	37
Hepatitis B, non-acute	1,002	1,208	1,153
INVASIVE DISEASES:			
Legionellosis	150	115	112
<i>Streptococcus pneumoniae</i>	1152	1133	798
<i>Streptococcus</i> group A	1319	1337	966
<i>Streptococcus</i> group B in infants <90 days of age	29	32	34
Methicillin-resistant <i>Staphylococcus aureus</i>	1,566	1,539	1,498
VECTOR-BORNE & ZOONOTIC DISEASES:			
Chikungunya	3	0	0
Dengue	52	31	18
Hantavirus infection	11	6	1
Malaria	34	51	26
Rocky Mountain spotted fever	7	48	38
West Nile virus infection	31	82	82
Zika	0	0	0
SEXUALLY TRANSMITTED INFECTIONS:			
Chlamydia	36,469	41,073	40,818
Gonorrhea	12,542	14,181	16,180
Syphilis, primary and secondary	1,006	1,794	1,794
Syphilis, early non-primary non-secondary	1,087	1,827	1,475
Syphilis, unknown duration or late	2,566	4,108	2,691
Syphilis, congenital ⁵	165	233	183
MYCOSIS:			
Coccidioidomycosis	15,024	10,990	10,990
CARBAPENEM-RESISTANT ENTEROBACTERALES AND CARBAPENEMASE PRODUCING GENES OF INTEREST:			
Carbapenem-Resistant Enterobacterales (CRE)	1,579	1,028	503
CRE <i>Klebsiella pneumoniae</i> carbapenemase (KPC) ⁶	137	95	95
CRE New Delhi Metallo-beta-lactamase (NDM) ⁶	1,134	686	167
CRE Verona Integron-Mediated Metallo-β-lactamase (VIM) ⁶	31	16	10
CRE Oxacillinase-48-type carbapenemases (OXA-48) ⁶	9	7	5
CRE Imipenemase Metallo-β-lactamase (IMP) ⁶	0	1	1

¹ Data are provisional and reflect case reports to Arizona Department of Health Services during this period.

² These counts reflect the year reported or tested and not the date infected.

³ During 2024, the 5-year median includes cases reported 2019 through 2023.

⁴ Influenza is lab-confirmed only and represents “season-to-date” cases (counting from the previous September) rather than year-to-date.

⁵ Congenital syphilis cases are counted in their year of birth; counts may vary as additional cases can be reported at any time.

⁶ Note that cases can have multiple mechanisms identified and therefore will be counted in multiple mechanism categories.

Animal rabies stats can be found at <https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/rabies/data/2024.pdf>.