

West Virginia Vaccine-Preventable Disease Tables^y

Diphtheria
West Virginia has not had a case of Diphtheria reported since 1976

Diphtheria/Tetanus/Pertussis vaccine requirement for K-12 entry in effect prior to 1988

Polio
West Virginia has not had a case of poliomyelitis reported since 1970

Polio vaccine requirement for K-12 entry in effect prior to 1988

Rubella
West Virginia has not had a case of Rubella reported since 1992

Single dose MMR vaccine requirement for K-12 entry in effect prior to 1988

1992/1993 school year WV required 2nd dose for K-12 entry

2008/2009 school year – all pre-K immunization requirements went into effect including 2 doses of MMR

Invasive <i>Haemophilus influenzae</i> serotype b†*				
Year	Number of Reported Cases of Hib	Cases with non-typable Serotype*	Cases Not Tested for Serotype	Cases with Missing Serotype Information (Unable to Serotype)
2008	2	7	5	0
2009	4	7	3	0
2010	5	9	8	2
2011	2	7	8	1
2012	6	7	2	6
2013	3	12	5	1
2014	6	14	2	1
2015	0	24	9	7
2016	0	21	10	0
2017	5	19	12	3
2018	5	22	14	0
2019	3**	23	10	0
2020	0	3	8	13
2021	0	4	8	6

2008/2009 school year WV required Hib vaccine for pre-K entry

†for those invasive *Haemophilus influenzae* cases where the isolate was not tested, we cannot rule out serotype b

* Serotype reporting methods are being updated by the WV Office of Laboratory Services and data will reflect that change starting in 2021. In previous years, the strains that did not react with these antisera were reported as "Haemophilus influenzae, non-typable". This will change to "Haemophilus influenzae, unable to serotype" because a Haemophilus influenzae strain that is non-typable indicates it is an unencapsulated strain; however, we cannot prove that the bacteria are unencapsulated, only that it does not react to any of our antisera. Due to this change, the data will reflect more "unable to serotype" than "non-typable" starting in 2021.

**One 2019 case of Haemophilus influenzae returned with two serotypes, B and D.

Varicella (Aggregate Reporting)	
Year	Number of Reported Cases
2008	700
2009	493
2010	458
2011	454
2012	283
2013	232
2014	161

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2015	160
2016	109
2017	87
2018	52
2019	71
2020	21
2021	12

2008/2009 school year WV required 2 doses of varicella vaccine prior to K-12 entry, with 1 dose required for pre-K entry

Invasive Pneumococcal Disease	
Year	Number of Reported Cases
2008	330
2009	327
2010	372
2011	375
2012	322
2013	329
2014	246
2015	229
2016	277
2017	239
2018	278
2019	326
2020	192
2021	206

2008/2009 school year WV required PCV for pre-K entry

Invasive Meningococcal Disease	
Year	Number of Reported Cases
2008	5
2009	8
2010	3
2011	11
2012	4
2013	2
2014	1
2015	2
2016	4
2017	3
2018	1
2019	0
2020	1
2021	1

West Virginia Immunization Requirements for 7th & 12th Graders Beginning in 2012-2013, state law and rules¹ require that all children entering school in West Virginia in grades 7 and 12 must show proof of immunization against diphtheria, pertussis, tetanus, and meningococcal disease unless properly medically exempted. In 2014/2015, Serogroup B meningococcal vaccine was licensed for use among 10-25 year old individuals.

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Acute Hepatitis B	
Year	Number of Reported Cases
2008	83
2009	84
2010	88
2011	113
2012	141
2013	195
2014	186
2015	272
2016	268
2017	212
2018	132
2019	76
2020	56
2021	56

2008/2009 school year WV required HepB vaccine for pre-K – 12 entry

Tetanus	
Year	Number of Reported Cases
1988	1
1989	0
1990	0
1991	0
1992	0
1993	0
1994	0
1995	1
1996	0
1997	1
1998	3
1999	0
2000	1
2001	1
2002	0
2003	0
2004	1
2005	0
2006	0
2007	0
2008	0
2009	0
2010	0
2011	0
2012	0
2013	0
2014	0
2015	0
2016	1
2017	0
2018	1
2019	0
2020	0
2021	0

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Diphtheria/Tetanus/Pertussis vaccine requirement for K-12 entry in effect prior to 1988

Pertussis*	
Year	Number of Reported Cases
1988	0
1989	0
1990	0
1991	1
1992	9
1993	8
1994	6
1995	1
1996	7
1997	5
1998	8
1999	5
2000	1
2001	6
2002	35
2003	28
2004	51
2005	53
2006	66
2007	32
2008	11
2009	39
2010	166
2011	101
2012	87
2013	19
2014	18
2015	80
2016	26
2017	12
2018	25
2019	37
2020	32
2021	4

*Confirmed and probable cases

Diphtheria/Tetanus/Pertussis vaccine requirement for K-12 entry in effect prior to 1988

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Measles	
Year	Number of Reported Cases
1988	6
1989	53
1990	6
1991	0
1992 [†]	0
1993	0
1994	36
1995	0
1996	0
1997	1
1998	0
1999	0
2000	0
2001	0
2002	0
2003	0
2004	0
2005	0
2006	0
2007	0
2008 ^{††}	0
2009	1
2010	0
2011	0
2012	0
2013	0
2014	0
2015	0
2016	0
2017	0
2018	0
2019	0
2020	0
2021	0

Single dose MMR vaccine requirement for K-12 entry in effect prior to 1988

[†]1992/1993 school year WV required 2nd dose for K-12 entry

^{††}2008/2009 school year – all pre-K immunization requirements went into effect including 2 doses of MMR

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Mumps*	
Year	Number of Reported Cases
1988	19
1989	19
1990	44
1991	30
1992 [†]	31
1993	23
1994	5
1995	0
1996	0
1997	0
1998	0
1999	0
2000	1
2001	0
2002	0
2003	0
2004	2
2005	0
2006	24
2007	3
2008 ^{††}	1
2009	1
2010	2
2011	1
2012	3
2013	0
2014	1
2015	2
2016	3
2017	3
2018	2
2019	2
2020	1
2021	1

Single dose MMR vaccine requirement for K-12 entry in effect prior to 1988

*Confirmed and probable cases

[†]1992/1993 school year WV required 2nd dose for K-12 entry

^{††}2008/2009 school year - all pre-K immunization requirements went into effect including 2 doses of MMR