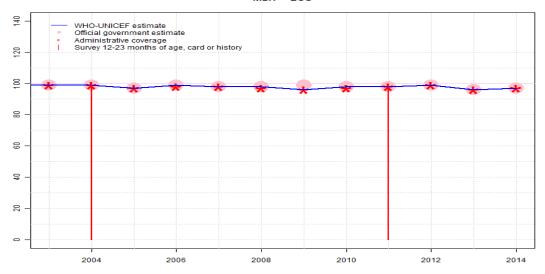


July 9, 2015; page 1

WHO and UNICEF estimates of national immunization coverage - next revision available July  $15,\,2016$ 

### Republic of Moldova - BCG





		2004	2005	2000		2000	2000	2010		2010	2010	2011
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	99	99	97	99	98	98	96	98	98	99	96	97
Estimate GoC	•	•••	•••	•••	••	••	•••	•••	•••	•••	•••	•
Official	99	99	97	99	98	98	99	98	98	99	96	97
Administrative	99	99	97	98	98	97	96	97	98	99	96	97
Survey	NA	100	NA	NA	NA	NA	NA	NA	98	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

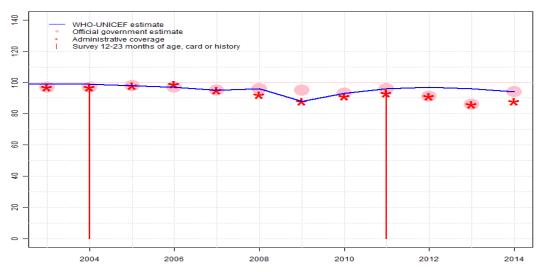
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2003: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government supported by survey. Survey evidence of 100 percent based on 1 survey(s). GoC=R+ S+ D+
- 2005: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. GoC=R+ D+
- 2009: Estimate based on reported administrative data. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+ S+ D+
- 2010: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2011: Estimate based on coverage reported by national government supported by survey. Survey evidence of 98 percent based on 1 survey(s). GoC=R+ S+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-

### Republic of Moldova - DTP1





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	99	99	98	97	95	96	88	93	96	97	96	94
Estimate GoC	•	•	•••	•••	••	••	•••	•••	•••	•	•	••
Official	97	97	98	97	95	96	95	93	96	91	86	94
Administrative	97	97	98	99	95	92	88	91	93	91	86	88
Survey	NA	98	NA	NA	NA	NA	NA	NA	96	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

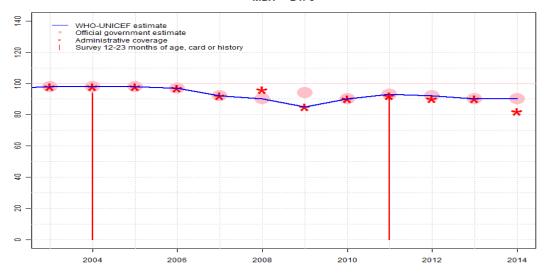
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2003: DTP1 coverage estimated based on DTP3 coverage of 98. Estimate challenged by: D-R-
- 2004: DTP1 coverage estimated based on DTP3 coverage of 98. Estimate challenged by: D-R-
- 2005: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. GoC=R+ D+
- 2009: Estimate based on reported administrative data. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+ S+ D+
- 2010: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2011: Estimate based on coverage reported by national government supported by survey. Survey evidence of 96 percent based on 1 survey(s). GoC=R+ S+ D+
- 2012: DTP1 coverage estimated based on DTP3 coverage of 92. Estimate challenged by: R-
- 2013: DTP1 coverage estimated based on DTP3 coverage of 90. Estimate challenged by: R-
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+

### Republic of Moldova - DTP3





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	98	98	98	97	92	90	85	90	93	92	90	90
Estimate GoC	•	•	•••	•••	••	••	•••	•••	•••	•••	•••	••
Official	98	98	98	97	92	90	94	90	93	92	90	90
Administrative	98	98	98	97	92	96	85	90	92	90	90	82
Survey	NA	94	NA	NA	NA	NA	NA	NA	93	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

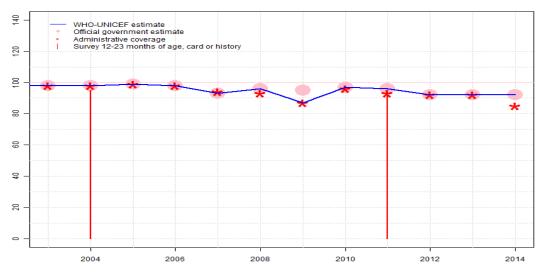
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2003: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government supported by survey. Survey evidence of 95 percent based on 1 survey(s). Moldova Demographic and Health Survey 2005 card or history results of 94 percent modified for recall bias to 95 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 89 percent and 3d dose card only coverage of 86 percent. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. GoC=R+ D+
- 2009: Estimate based on reported administrative data. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+ S+ D+
- 2010: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2011: Estimate based on coverage reported by national government supported by survey. Survey evidence of 93 percent based on 1 survey(s). GoC=R+ S+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+  $\,$

### Republic of Moldova - Pol3





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	98	98	99	98	93	96	87	97	96	92	92	92
Estimate GoC	••	•	•••	•••	••	••	•••	•••	•••	•••	•••	••
Official	98	98	99	98	93	96	95	97	96	92	92	92
Administrative	98	98	99	98	94	93	87	96	93	92	92	85
Survey	NA	95	NA	NA	NA	NA	NA	NA	94	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

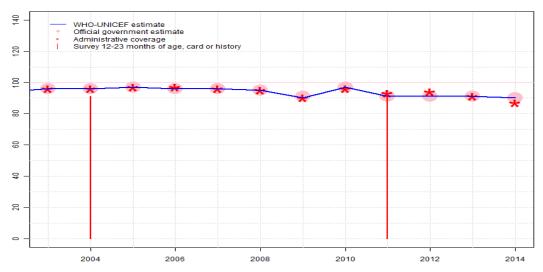
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2003: Estimate based on coverage reported by national government. GoC=R+S+
- 2004: Estimate based on coverage reported by national government supported by survey. Survey evidence of 98 percent based on 1 survey(s). Moldova Demographic and Health Survey 2005 card or history results of 95 percent modified for recall bias to 98 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 89 percent and 3d dose card only coverage of 88 percent. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. GoC=R+ D+
- 2009: Estimate based on reported administrative data. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+ S+ D+
- 2010: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2011: Estimate based on coverage reported by national government supported by survey. Survey evidence of 94 percent based on 1 survey(s). GoC=R+ S+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+

### Republic of Moldova - MCV1





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	96	96	97	96	96	95	90	97	91	91	91	90
Estimate GoC	•	•	•••	•••	••	••	•••	•••	•••	•••	•••	••
Official	96	96	97	96	96	95	91	97	91	91	91	90
Administrative	96	96	97	97	96	95	90	96	93	94	91	87
Survey	NA	91	NA	NA	NA	NA	NA	NA	93	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

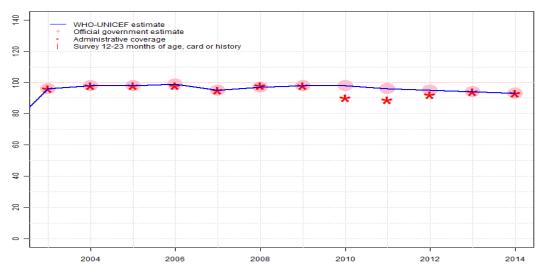
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2003: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government supported by survey. Survey evidence of 91 percent based on 1 survey(s). Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ D+  $\,$
- 2008: Estimate based on coverage reported by national government. GoC=R+ D+
- 2009: Estimate based on reported administrative data. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+ S+ D+
- 2010: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2011: Estimate based on coverage reported by national government supported by survey. Survey evidence of 93 percent based on 1 survey(s). GoC=R+ S+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+

### Republic of Moldova - MCV2





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	96	98	98	99	95	97	98	98	96	95	94	93
Estimate GoC	••	••	••	••	••	•	••	•	••	••	••	••
Official	96	98	98	99	95	97	98	98	96	95	94	93
Administrative	96	98	98	98	95	98	98	90	89	92	94	93
Survey	NA											

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

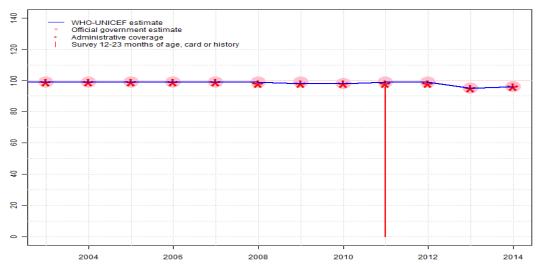
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- Coverage estimates for the second dose of measles containing vaccine are for children by the nationally recommended age.
- 2003: Estimate based on coverage reported by national government. GoC=R+ D+
- 2004: Estimate based on coverage reported by national government. GoC=R+ D+
- 2005: Estimate based on coverage reported by national government. GoC=R+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2009: Estimate based on reported administrative estimate. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+D+
- 2010: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2011: Estimate based on coverage reported by national government. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+

### Republic of Moldova - HepBB





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	99	99	99	99	99	99	98	98	99	99	95	96
Estimate GoC	•	••	••	••	••	••	•••	•••	•••	•••	••	•
Official	99	99	99	99	99	99	99	98	99	99	95	96
Administrative	99	99	99	99	99	98	98	98	98	98	95	96
Survey	NA	96	NA	NA	NA							

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

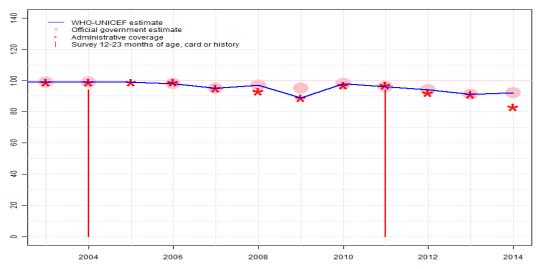
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2003: Estimate based on reported data. Estimate challenged by: D-
- 2004: Estimate based on reported data. GoC=R+ D+
- 2005: Estimate based on reported data. GoC=R+ D+
- 2006: Estimate based on reported data. GoC=R+
- 2007: Estimate based on reported data. GoC=R+ D+
- 2008: Estimate based on reported data. GoC=R+ D+
- 2009: Estimate based on reported data. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+ S+ D+
- 2010: Estimate based on reported data. GoC=R+S+D+
- 2011: Estimate based on coverage reported by national government supported by survey. Survey evidence of 96 percent based on 1 survey(s). GoC=R+ S+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+S+
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-

### Republic of Moldova - HepB3





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	99	99	99	98	95	97	89	98	96	94	91	92
Estimate GoC	•	•	•••	•••	••	••	•••	•••	•••	•••	•••	••
Official	99	99	NA	98	95	97	95	98	96	94	91	92
Administrative	99	99	99	99	95	93	89	97	97	92	91	83
Survey	NA	94	NA	NA	NA	NA	NA	NA	94	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

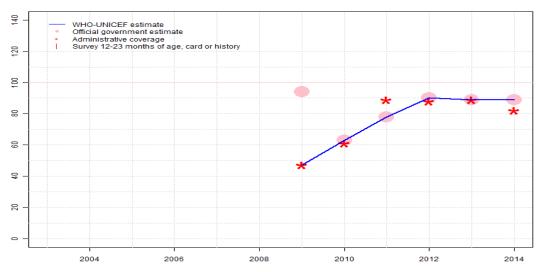
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2003: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government supported by survey. Survey evidence of 97 percent based on 1 survey(s). Moldova Demographic and Health Survey 2005 card or history results of 94 percent modified for recall bias to 97 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 89 percent and 3d dose card only coverage of 88 percent. Estimate challenged by: D-
- 2005: Estimate based on reported administrative data. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ D+  $\,$
- 2008: Estimate based on coverage reported by national government. GoC=R+ D+
- 2009: Estimate based on reported administrative data. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+ S+ D+
- 2010: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2011: Estimate based on coverage reported by national government supported by survey. Survey evidence of 94 percent based on 1 survey(s). GoC=R+ S+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+

### Republic of Moldova - Hib3





	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	NA	NA	NA	NA	NA	NA	47	63	78	90	89	89
Estimate GoC	NA	NA	NA	NA	NA	NA	••	••	•	••	••	••
Official	NA	NA	NA	NA	NA	NA	94	63	78	90	89	89
Administrative	NA	NA	NA	NA	NA	NA	47	61	89	88	89	82
Survey	NA											

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

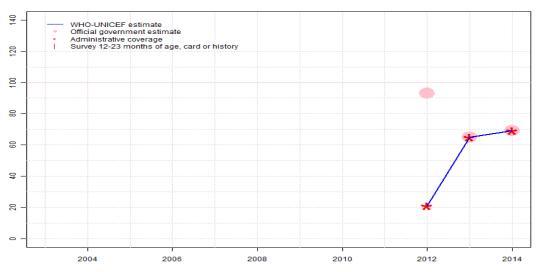
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2009: Estimate based on reported administrative estimate. Hib vaccine introduced in 2009. Vaccine presentation is DTP-Hib. Estimate based on nationally reported administrative data; no explanation given for adjusted official estimate. GoC=R+D+
- 2010: Estimate based on coverage reported by national government. Hib uptake slowed down by five months vaccine shortage. GoC=R+ D+  $\,$
- 2011: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2012: Estimate based on coverage reported by national government. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+

### Republic of Moldova - RotaC

#### MDA - RotaC



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	NA	21	65	69								
Estimate GoC	NA	••	••	••								
Official	NA	93	65	69								
Administrative	NA	21	65	69								
Survey	NA											

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

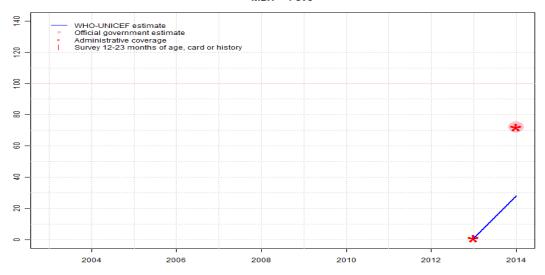
- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- •• Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2012: Estimate based on reported administrative estimate. Rotavirus vaccine introduced in July 2012. Government official estimate reflects coverage in eligible birth cohort. GoC=R+D+
- 2013: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. GoC=R+ D+  $\,$

### Republic of Moldova - PcV3

#### MDA - PcV3



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	NA	1	28									
Estimate GoC	NA	••	•									
Official	NA	72										
Administrative	NA	1	72									
Survey	NA											

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- ••• Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- •• Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

- 2013: Estimate based on reported administrative estimate. Pneumococcal conjugate vaccine introduced in October 2013. GoC=R+ D+
- 2014: Seventy-two percent coverage achieved in 38 percent of national target. Estimate challenged by: R-  $\,$

## Republic of Moldova - survey details

# 2011 Republic of Moldova Multiple Indicator Cluster Survey, 2012

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H $<$ 12 months	98	15-26 m	383	95
BCG	Card	95	$15-26~\mathrm{m}$	-	95
BCG	Card or History	98	$15-26~\mathrm{m}$	383	95
BCG	History	3	$15-26~\mathrm{m}$	-	95
DTP1	C or H <12 months	94	$15-26~\mathrm{m}$	383	95
DTP1	Card	94	$15-26~\mathrm{m}$	-	95
DTP1	Card or History	96	$15-26~\mathrm{m}$	383	95
DTP1	History	3	$15-26~\mathrm{m}$	_	95
DTP3	C or H $<$ 12 months	91	$15\text{-}26~\mathrm{m}$	383	95
DTP3	Card	91	$15\text{-}26~\mathrm{m}$	_	95
DTP3	Card or History	93	$15-26~\mathrm{m}$	383	95
DTP3	History	3	$15-26~\mathrm{m}$	_	95
HepB1	C or H <12 months	98	$15\text{-}26~\mathrm{m}$	383	95
HepB1	Card	96	$15\text{-}26~\mathrm{m}$	-	95
HepB1	Card or History	98	$15\text{-}26~\mathrm{m}$	383	95
HepB1	History	2	$15\text{-}26~\mathrm{m}$	-	95
HepB3	C or H $<$ 12 months	94	$15\text{-}26~\mathrm{m}$	383	95
HepB3	Card	92	$15\text{-}26~\mathrm{m}$	-	95
HepB3	Card or History	94	$15\text{-}26~\mathrm{m}$	383	95
HepB3	History	2	$15\text{-}26~\mathrm{m}$	-	95
HepBB	C or H $<$ 12 months	96	$15\text{-}26~\mathrm{m}$	383	95
HepBB	Card	90	$15\text{-}26~\mathrm{m}$	-	95
HepBB	Card or History	96	$15\text{-}26~\mathrm{m}$	383	95
HepBB	History	5	$15\text{-}26~\mathrm{m}$	-	95
Hib1	C or H $<$ 12 months	94	$15\text{-}26~\mathrm{m}$	383	95
Hib1	Card	94	$15\text{-}26~\mathrm{m}$	-	95
Hib1	Card or History	96	$15\text{-}26~\mathrm{m}$	383	95
Hib1	History	3	$15\text{-}26~\mathrm{m}$	-	95
MCV1	C or H $<$ 15 months	89	$15\text{-}26~\mathrm{m}$	383	95
MCV1	Card	89	$15\text{-}26~\mathrm{m}$	-	95
MCV1	Card or History	93	$15\text{-}26~\mathrm{m}$	383	95
MCV1	History	4	$15\text{-}26~\mathrm{m}$	-	95
Pol1	C or H $<$ 12 months	95	$15\text{-}26~\mathrm{m}$	383	95
Pol1	Card	94	$15\text{-}26~\mathrm{m}$	-	95
Pol1	Card or History	97	$15\text{-}26~\mathrm{m}$	383	95

Pol1	History	3	15-26 m	_	95
Pol3	C or H <12 months	88	15-26 m	383	95
				303	
Pol3	Card	91	15-26  m	-	95
Pol3	Card or History	94	15-26  m	383	95
Pol3	History	2	15-26  m	-	95

### 2004 Moldova Demographic and Health Survey 2005

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	90	$15-26~\mathrm{m}$	329	90
BCG	Card or History	100	$15\text{-}26~\mathrm{m}$	329	90
BCG	History	10	$15\text{-}26~\mathrm{m}$	329	90
DTP1	Card	89	$15\text{-}26~\mathrm{m}$	329	90
DTP1	Card or History	98	$15\text{-}26~\mathrm{m}$	329	90
DTP1	History	10	$15\text{-}26~\mathrm{m}$	329	90
DTP3	Card	86	$15\text{-}26~\mathrm{m}$	329	90
DTP3	Card or History	94	$15\text{-}26~\mathrm{m}$	329	90
DTP3	History	7	$15\text{-}26~\mathrm{m}$	329	90
HepB1	Card	89	$15\text{-}26~\mathrm{m}$	329	90
HepB1	Card or History	98	$15\text{-}26~\mathrm{m}$	329	90
HepB1	History	8	$15\text{-}26~\mathrm{m}$	329	90
HepB3	Card	88	$15\text{-}26~\mathrm{m}$	329	90
HepB3	Card or History	94	$15\text{-}26~\mathrm{m}$	329	90
HepB3	History	7	$15\text{-}26~\mathrm{m}$	329	90
MCV1	Card	85	$15\text{-}26~\mathrm{m}$	329	90
MCV1	Card or History	91	$15\text{-}26~\mathrm{m}$	329	90
MCV1	History	6	$15\text{-}26~\mathrm{m}$	329	90
Pol1	Card	89	$15\text{-}26~\mathrm{m}$	329	90
Pol1	Card or History	99	$15\text{-}26~\mathrm{m}$	329	90
Pol1	History	10	$15\text{-}26~\mathrm{m}$	329	90
Pol3	Card	88	$15\text{-}26~\mathrm{m}$	329	90
Pol3	Card or History	95	$15\text{-}26~\mathrm{m}$	329	90
Pol3	History	7	$15\text{-}26~\mathrm{m}$	329	90

1999 Republic of Moldova, Assessment of Immunization Services delivery, 2001

## Republic of Moldova - survey details

	Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen	BCG	C or H $<$ 12 months	93	$15-26~\mathrm{m}$	342	94
	BCG	Card	100	$15\text{-}30 \mathrm{\ m}$	2520	-	BCG	Card or History	99	$15\text{-}26~\mathrm{m}$	342	94
	DTP1	Card	99	$15\text{-}30 \mathrm{\ m}$	2520	-	DTP1	C or H $<$ 12 months	93	$15\text{-}26~\mathrm{m}$	342	94
	DTP3	Card	98	$1530~\mathrm{m}$	2520	-	DTP1	Card or History	97	$15\text{-}26~\mathrm{m}$	342	94
	HepB3	Card	91	$15\text{-}30~\mathrm{m}$	2520	-	DTP3	C or H $<$ 12 months	86	$15\text{-}26~\mathrm{m}$	342	94
	MCV1	Card	95	$15\text{-}30~\mathrm{m}$	2520	-	DTP3	Card or History	94	$15\text{-}26~\mathrm{m}$	342	94
	Pol1	Card	100	$15\text{-}30~\mathrm{m}$	2520	-	HepB3	C or H $<$ 12 months	84	$15\text{-}26~\mathrm{m}$	342	94
	Pol3	Card	98	$15\text{-}30~\mathrm{m}$	2520	-	HepB3	Card or History	90	$15\text{-}26~\mathrm{m}$	342	94
							MCV1	C or H $<$ 12 months	79	$15\text{-}26~\mathrm{m}$	342	94
							MCV1	Card or History	91	$15\text{-}26~\mathrm{m}$	342	94
1999 Republic of Moldova, Multiple Indicator Cluster Survey					ster Survey	Pol1	C or H $<$ 12 months	94	$15\text{-}26~\mathrm{m}$	342	94	
2000					Pol1	Card or History	98	$15\text{-}26~\mathrm{m}$	342	94		
							Pol3	C or H $<$ 12 months	87	$15\text{-}26~\mathrm{m}$	342	94
		C C			a 1		Pol3	Card or History	95	$15\text{-}26~\mathrm{m}$	342	94

Further information and estimates for previous years are available at:

Vaccine Confirmation method Coverage Age cohort Sample Cards seen

http://www.data.unicef.org/child-health/immunization

http://www.who.int/immunization/monitoring\_surveillance/routine/coverage/en/index4.html