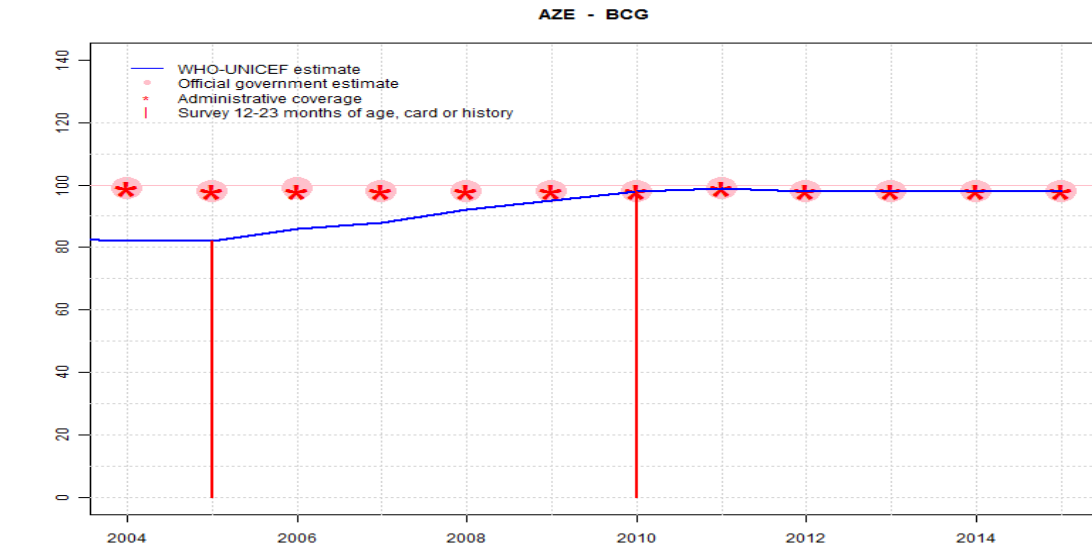


Azerbaijan - BCG



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	82	82	86	88	92	95	98	99	98	98	98	98
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	99	98	99	98	98	98	98	99	98	98	98	98
Administrative	99	98	98	98	98	98	98	99	98	98	98	98
Survey	NA	82	NA	NA	NA	NA	98	NA	NA	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.

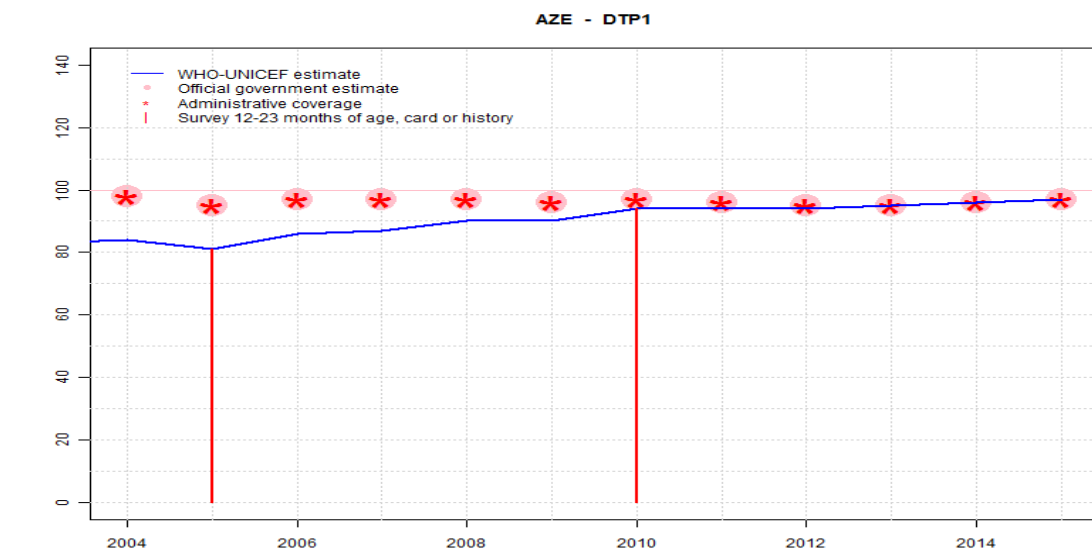
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2004: Reported data calibrated to 1997 and 2005 levels. Estimate challenged by: D-
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 82 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2006: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2007: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2008: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2009: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2010: Estimate set to level of survey. Estimate challenged by: D-
- 2011: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2012: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. GoC=Assigned by working group. .
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - DTP1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	84	81	86	87	90	90	94	94	94	95	96	97
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	98	95	97	97	97	96	97	96	95	95	96	97
Administrative	98	95	97	97	97	96	97	96	95	95	96	97
Survey	NA	81	NA	NA	NA	NA	94	NA	NA	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: 2015 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.

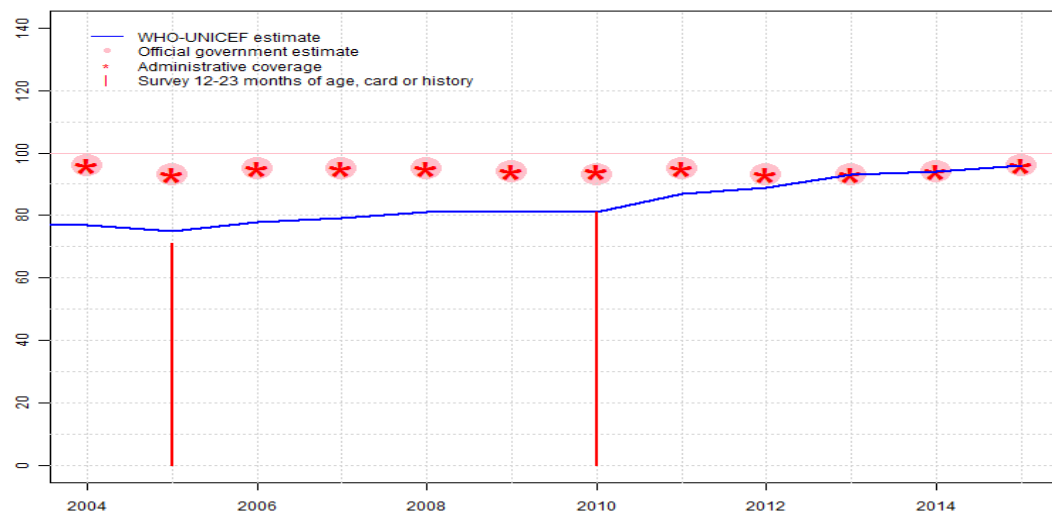
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2004: Reported data calibrated to 1997 and 2005 levels. Estimate challenged by: D-
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 81 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2006: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2007: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2008: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2009: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2010: Estimate set to level of survey. Estimate challenged by: D-R-
- 2011: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2012: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - DTP3

AZE - DTP3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	77	75	78	79	81	81	81	87	89	93	94	96
Estimate GoC	••	•	••	•	•	•	•	•	•	•	•	•
Official	96	93	95	95	95	94	93	95	93	93	94	96
Administrative	96	93	95	95	95	94	94	95	93	93	94	96
Survey	NA	71	NA	NA	NA	NA	81	NA	NA	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.

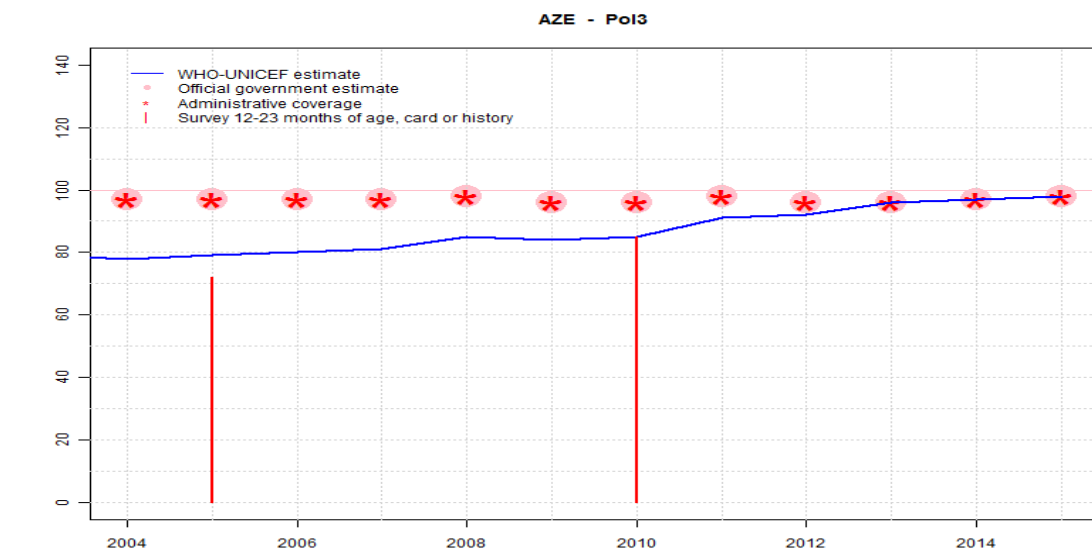
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2004: Reported data calibrated to 1997 and 2005 levels. GoC=S+ D+
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 75 percent based on 1 survey(s). Azerbaijan Demographic and Health Survey 2006 card or history results of 71 percent modified for recall bias to 75 percent based on 1st dose card or history coverage of 81 percent, 1st dose card only coverage of 71 percent and 3d dose card only coverage of 66 percent. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2010 levels. GoC=S+ D+
- 2007: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2008: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2009: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2010: Estimate set to level of survey. Estimate challenged by: D-R-
- 2011: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2012: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - Pol3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	78	79	80	81	85	84	85	91	92	96	97	98
Estimate GoC	●●	●	●●	●	●	●	●	●	●	●	●	●
Official	97	97	97	97	98	96	96	98	96	96	97	98
Administrative	97	97	97	97	98	96	96	98	96	96	97	98
Survey	NA	72	NA	NA	NA	NA	85	NA	NA	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.

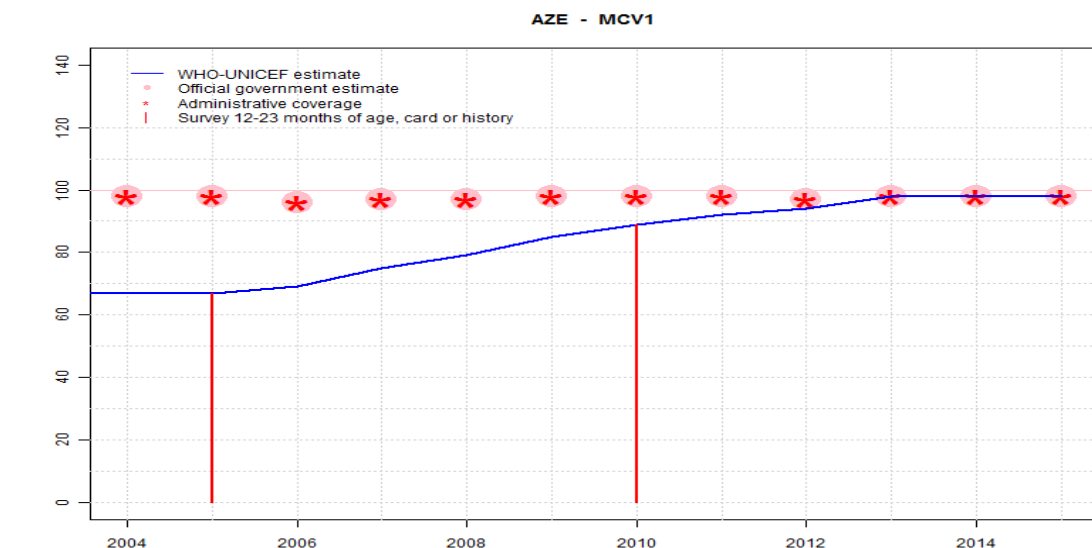
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2004: Reported data calibrated to 1997 and 2005 levels. GoC=S+ D+
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 79 percent based on 1 survey(s). Azerbaijan Demographic and Health Survey 2006 card or history results of 72 percent modified for recall bias to 79 percent based on 1st dose card or history coverage of 82 percent, 1st dose card only coverage of 71 percent and 3d dose card only coverage of 68 percent. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2010 levels. GoC=S+ D+
- 2007: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2008: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2009: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2010: Estimate set to level of survey. Estimate challenged by: D-R-
- 2011: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2012: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - MCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	67	67	69	75	79	85	89	92	94	98	98	98
Estimate GoC	••	•	••	••	••	•	•	•	•	•	•	•
Official	98	98	96	97	97	98	98	98	97	98	98	98
Administrative	98	98	96	97	97	98	98	98	97	98	98	98
Survey	NA	67	NA	NA	NA	NA	89	NA	NA	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.

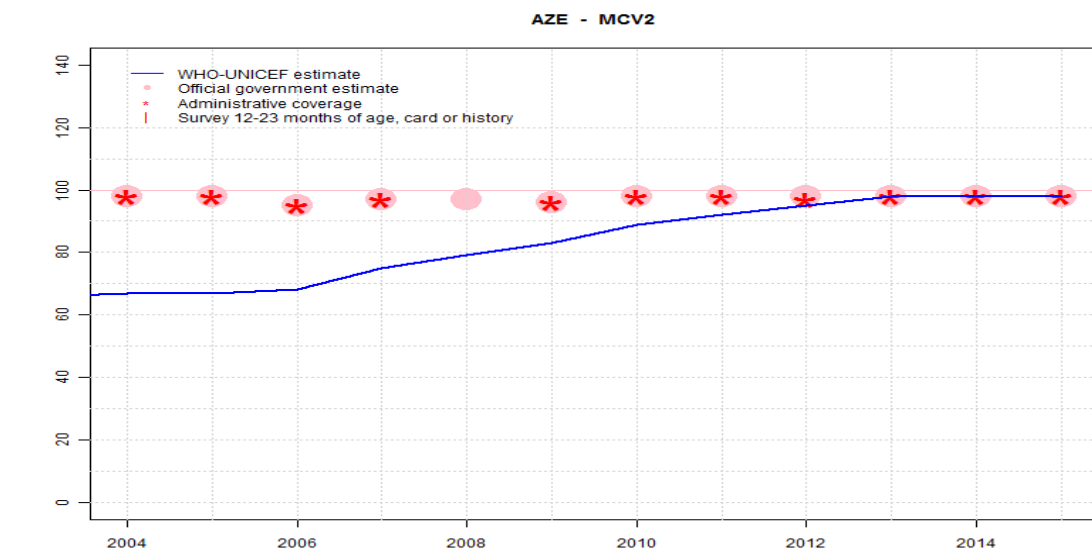
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2004: Reported data calibrated to 1997 and 2005 levels. GoC=S+ D+
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 67 percent based on 1 survey(s). Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2010 levels. GoC=S+ D+
- 2007: Reported data calibrated to 2005 and 2010 levels. GoC=S+ D+
- 2008: Reported data calibrated to 2005 and 2010 levels. GoC=S+ D+
- 2009: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2010: Estimate set to level of survey. Estimate challenged by: D-R-
- 2011: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2012: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - MCV2



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	67	67	68	75	79	83	89	92	95	98	98	98
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	98	98	95	97	97	96	98	98	98	98	98	98
Administrative	98	98	95	97	NA	96	98	98	97	98	98	98
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	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: 2015 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.

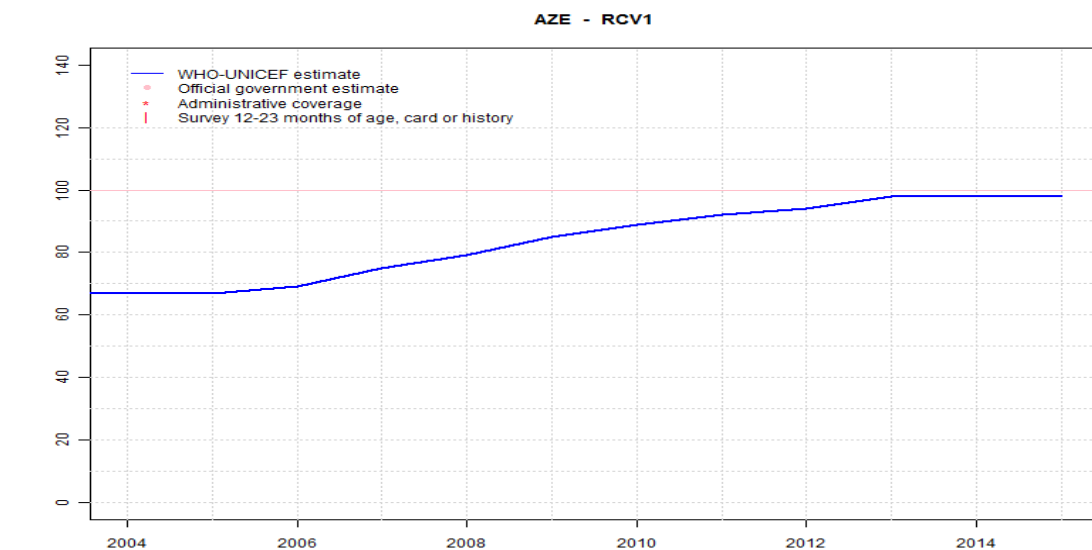
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

Coverage estimates for the second dose of measles containing vaccine are for children by the nationally recommended age.

- 2004: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: R-
- 2005: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: R-
- 2006: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: R-
- 2007: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: D-R-
- 2008: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: R-
- 2009: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: D-R-
- 2010: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: D-R-
- 2011: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: D-R-
- 2012: Estimated coverage follows the reported data calibrated based on MCV adjustment factor. Estimate challenged by: D-R-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - RCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	67	67	69	75	79	85	89	92	94	98	98	98
Estimate GoC	••	•	••	••	••	•	•	•	•	•	•	•
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	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: 2015 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.

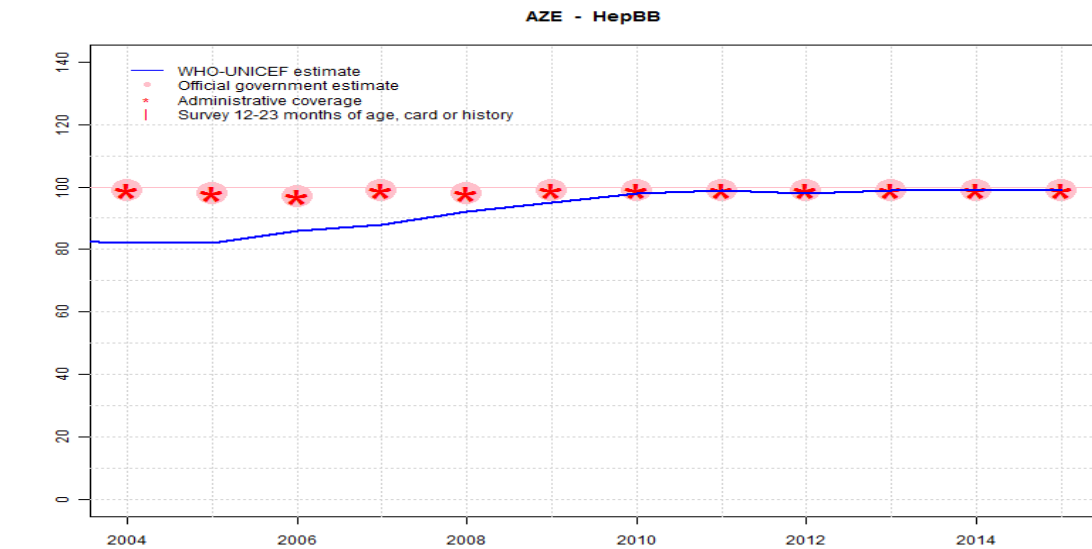
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

For this revision, coverage estimates for the first dose of rubella containing vaccine are based on WHO and UNICEF estimates of coverage of measles containing vaccine. Nationally reported coverage of rubella containing vaccine is not taken into consideration nor are they represented in the accompanying graph and data table.

- 2004: Estimate based on estimated MCV1. GoC=S+ D+
- 2005: Estimate based on estimated MCV1. Estimate challenged by: R-
- 2006: Estimate based on estimated MCV1. GoC=S+ D+
- 2007: Estimate based on estimated MCV1. GoC=S+ D+
- 2008: Estimate based on estimated MCV1. GoC=S+ D+
- 2009: Estimate based on estimated MCV1. Estimate challenged by: D-
- 2010: Estimate based on estimated MCV1. Estimate challenged by: D-R-
- 2011: Estimate based on estimated MCV1. Estimate challenged by: D-
- 2012: Estimate based on estimated MCV1. Estimate challenged by: D-
- 2013: Estimate based on estimated MCV1. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on estimated MCV1. Estimate challenged by: D-
- 2015: Estimate based on estimated MCV1. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - HepBB



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	82	86	88	92	95	98	99	99	99	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	99	98	97	99	98	99	99	99	99	99	99	99
Administrative	99	98	97	99	98	99	99	99	99	99	99	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	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.

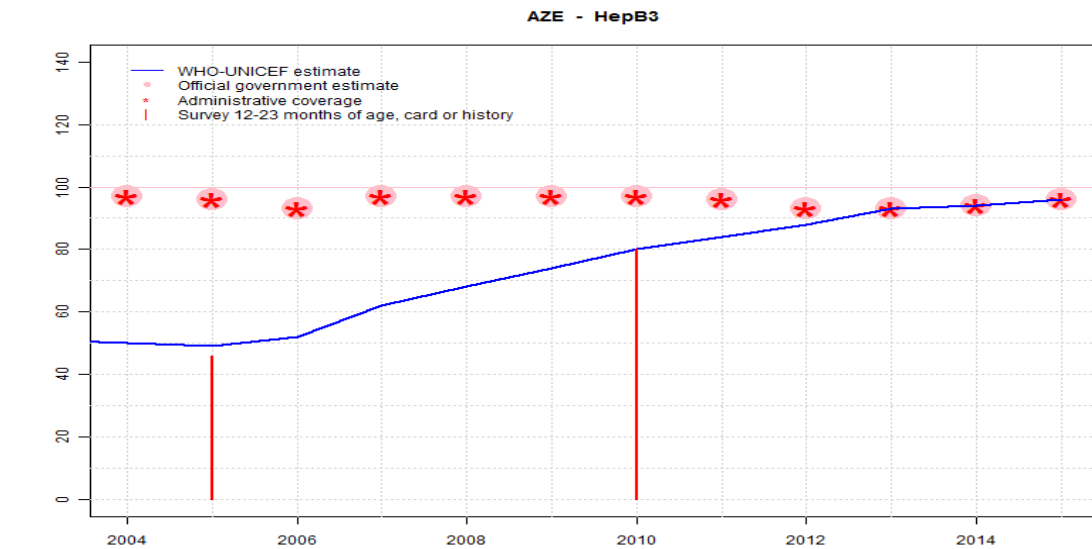
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2004: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2005: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2006: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2007: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2008: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2009: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2010: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2011: Estimated coverage follows the level of BCG. Estimate challenged by: D-
- 2012: Estimated coverage follows the level of BCG. Estimate challenged by: D-R-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - HepB3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	50	49	52	62	68	74	80	84	88	93	94	96
Estimate GoC	•	•	•	••	••	••	•	•	•	•	•	•
Official	97	96	93	97	97	97	97	96	93	93	94	96
Administrative	97	96	93	97	97	97	97	96	93	93	94	96
Survey	NA	46	NA	NA	NA	NA	80	NA	NA	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.

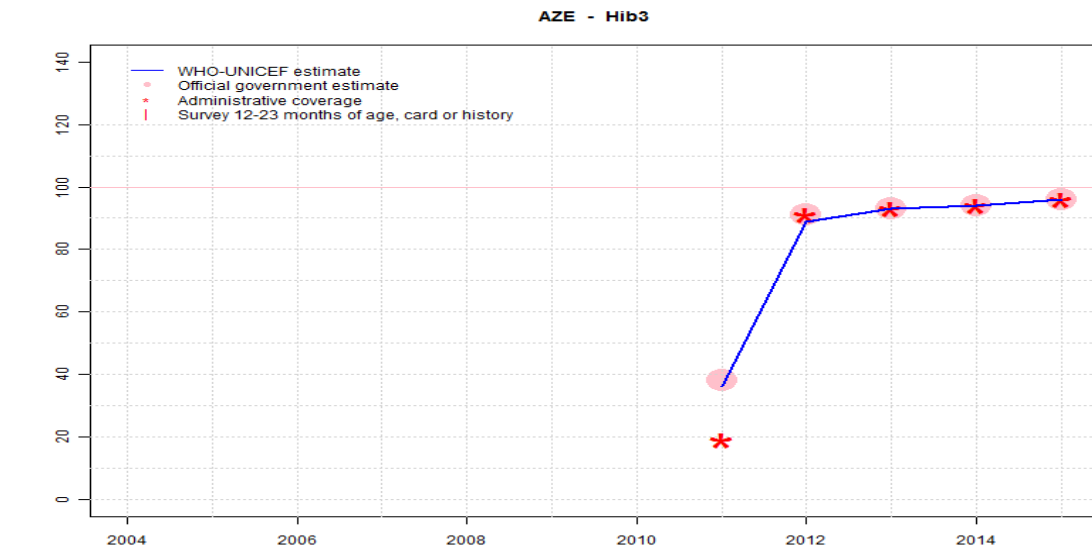
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2004: Reported data calibrated to 2005 levels. Estimate challenged by: D-
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 49 percent based on 1 survey(s). Azerbaijan Demographic and Health Survey 2006 card or history results of 46 percent modified for recall bias to 49 percent based on 1st dose card or history coverage of 71 percent, 1st dose card only coverage of 64 percent and 3d dose card only coverage of 44 percent. Estimate challenged by: D-R-
- 2006: Reported data calibrated to 2005 and 2010 levels. Estimate challenged by: D-
- 2007: Reported data calibrated to 2005 and 2010 levels. GoC=D+
- 2008: Reported data calibrated to 2005 and 2010 levels. GoC=D+
- 2009: Reported data calibrated to 2005 and 2010 levels. GoC=S+ D+
- 2010: Estimate set to level of survey. Estimate challenged by: R-
- 2011: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2012: Reported data calibrated to 2010 and 2013 levels. Estimate challenged by: D-
- 2013: Estimate follows reported official government estimate. National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - Hib3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	NA	NA	36	89	93	94	96
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	•	•	•	•	•
Official	NA	NA	NA	NA	NA	NA	NA	38	91	93	94	96
Administrative	NA	NA	NA	NA	NA	NA	NA	19	91	93	94	96
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	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.

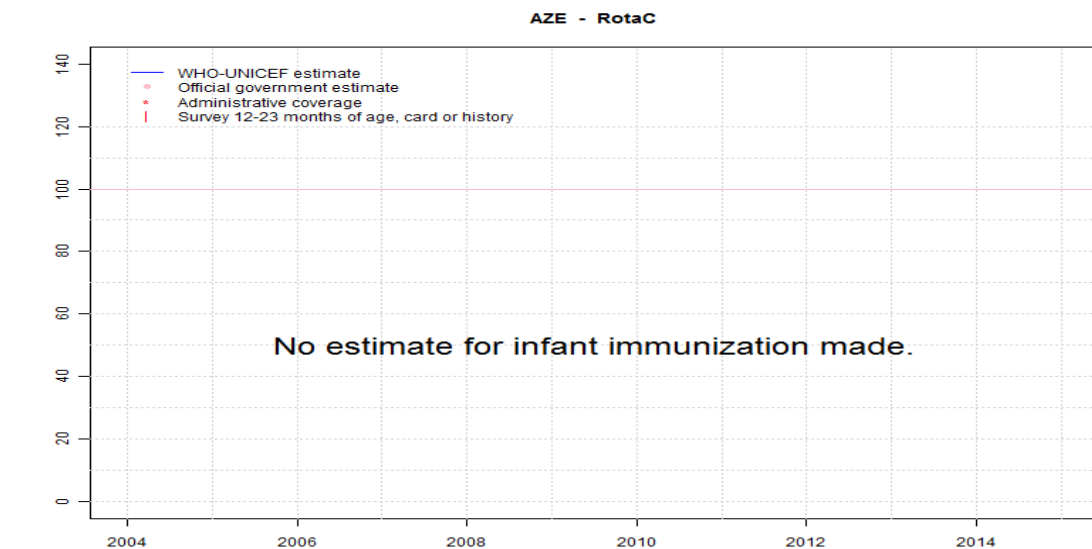
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2011: Reported data calibrated to 2012 levels. Hib vaccine introduced in 2011. The presentation is DTP-HepB-Hib. Estimate challenged by: D-
- 2012: Vaccine presentation is DTP-HepB-Hib pentavalent. Estimate is set to level of DTP3 coverage. Estimate challenged by: D-R-
- 2013: Estimate follows reported official government estimate National programme revised target population estimates during 2013. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

Azerbaijan - RotaC



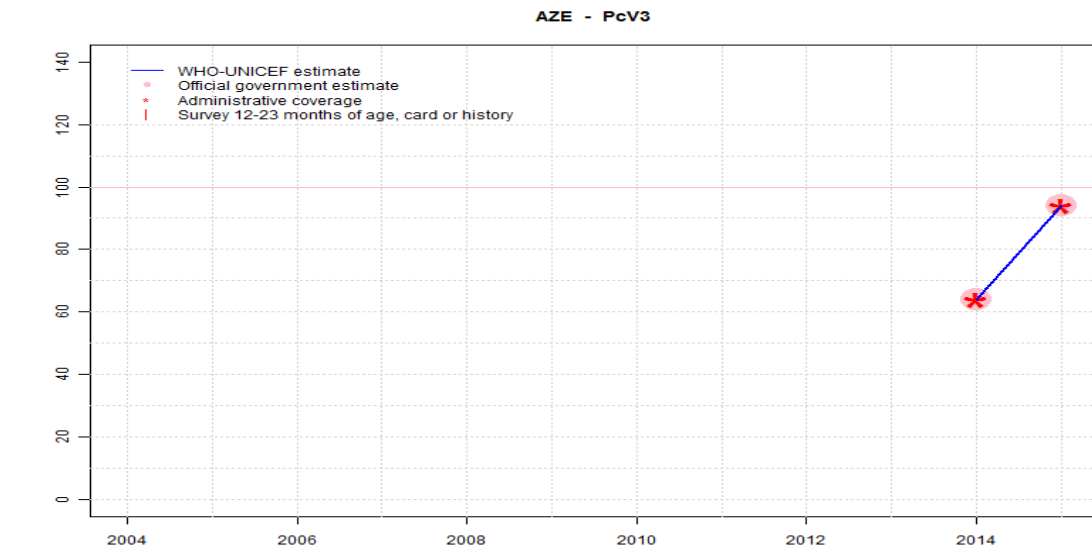
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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: 2015 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.

Azerbaijan - PcV3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64	94
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●●	●
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64	94
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64	94
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	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: 2015 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.

Description:

- 2014: Estimate based on coverage reported by national government. Pneumococcal conjugate vaccine introduced during 2013. Reporting started during 2014. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=Assigned by working group. Consistency with other vaccines during an introduction year.

Azerbaijan - survey details

2010 Azerbaijan Demographic and Health Survey 2011

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	98	18-29 m	480	98
DTP1	Card or History	94	18-29 m	480	98
DTP3	Card or History	81	18-29 m	480	98
HepB1	Card or History	95	18-29 m	480	98
HepB3	Card or History	80	18-29 m	480	98
MCV1	Card or History	89	18-29 m	480	98
Pol1	Card or History	95	18-29 m	480	98
Pol3	Card or History	85	18-29 m	480	98

2005 Azerbaijan Demographic and Health Survey 2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <18 months	80	18-29 m	467	72
BCG	Card	68	18-29 m	467	72
BCG	Card or History	82	18-29 m	467	72
BCG	History	14	18-29 m	467	72
DTP1	C or H <18 months	80	18-29 m	467	72
DTP1	Card	71	18-29 m	467	72
DTP1	Card or History	81	18-29 m	467	72
DTP1	History	10	18-29 m	467	72
DTP3	C or H <18 months	65	18-29 m	467	72
DTP3	Card	66	18-29 m	467	72
DTP3	Card or History	71	18-29 m	467	72
DTP3	History	5	18-29 m	467	72
HepB1	C or H <18 months	71	18-29 m	467	72

HepB1	Card	64	18-29 m	467	72
HepB1	Card or History	71	18-29 m	467	72
HepB1	History	7	18-29 m	467	72
HepB3	C or H <18 months	44	18-29 m	467	72
HepB3	Card	44	18-29 m	467	72
HepB3	Card or History	46	18-29 m	467	72
HepB3	History	1	18-29 m	467	72
MCV1	C or H <18 months	61	18-29 m	467	72
MCV1	Card	58	18-29 m	467	72
MCV1	Card or History	67	18-29 m	467	72
MCV1	History	9	18-29 m	467	72
Pol1	C or H <18 months	81	18-29 m	467	72
Pol1	Card	71	18-29 m	467	72
Pol1	Card or History	82	18-29 m	467	72
Pol1	History	11	18-29 m	467	72
Pol3	C or H <18 months	68	18-29 m	467	72
Pol3	Card	68	18-29 m	467	72
Pol3	Card or History	72	18-29 m	467	72
Pol3	History	4	18-29 m	467	72

1998 National Immunization Programme Evaluation Azerbaijan, 1999

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	95	15-26 m	2145	-
DTP3	Card or History	94	15-26 m	2145	-
MCV1	Card or History	88	15-26 m	2145	-
Pol3	Card or History	97	15-26 m	2145	-

Further information and estimates for previous years are available at:

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

http://www.who.int/immunization/monitoring_surveillance/routine/coverage/en/index4.html