



# Mongolia, 2009

Population	
Total population*	2 679 664
Births	68 544
NIP target	68 762

\* United Nations, Department of Economic and Social Affairs, Population Division (2009). World Population Prospects: The 2008 Revision, CD-ROM Edition.

Finance	
GDP* per capita	US\$ 1496.20
Line item in budget for vaccines?	Yes
Line item in budget for injection supplies?	Yes
% of NIP costs government funded	64%
% of NIP vaccine government funded	45.5%

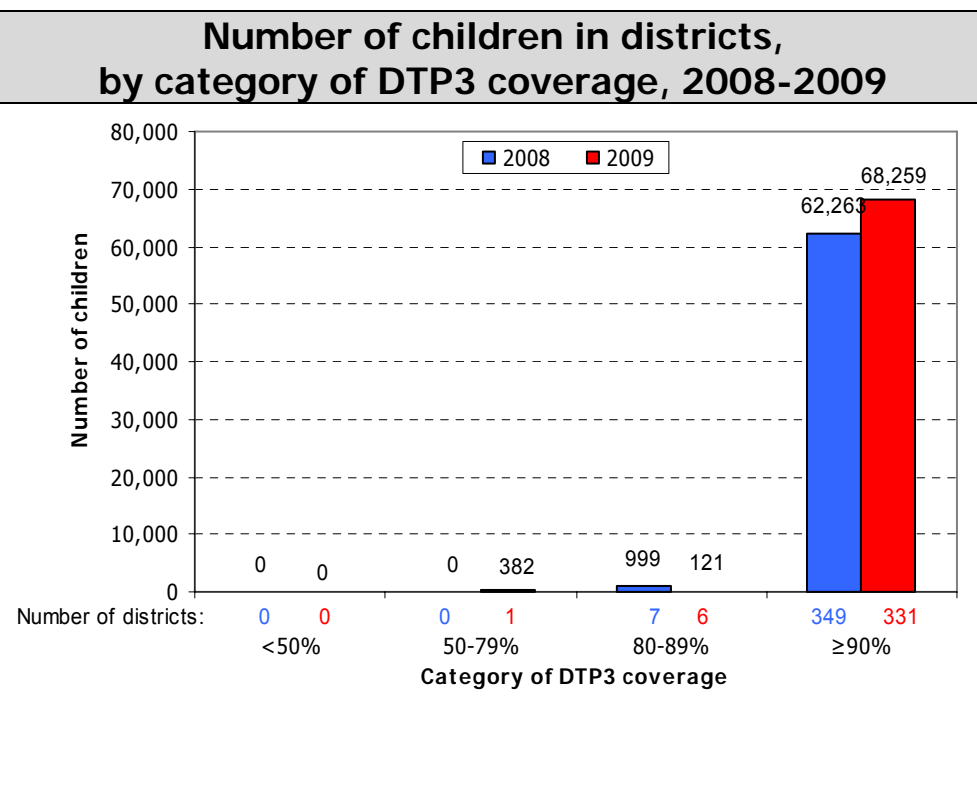
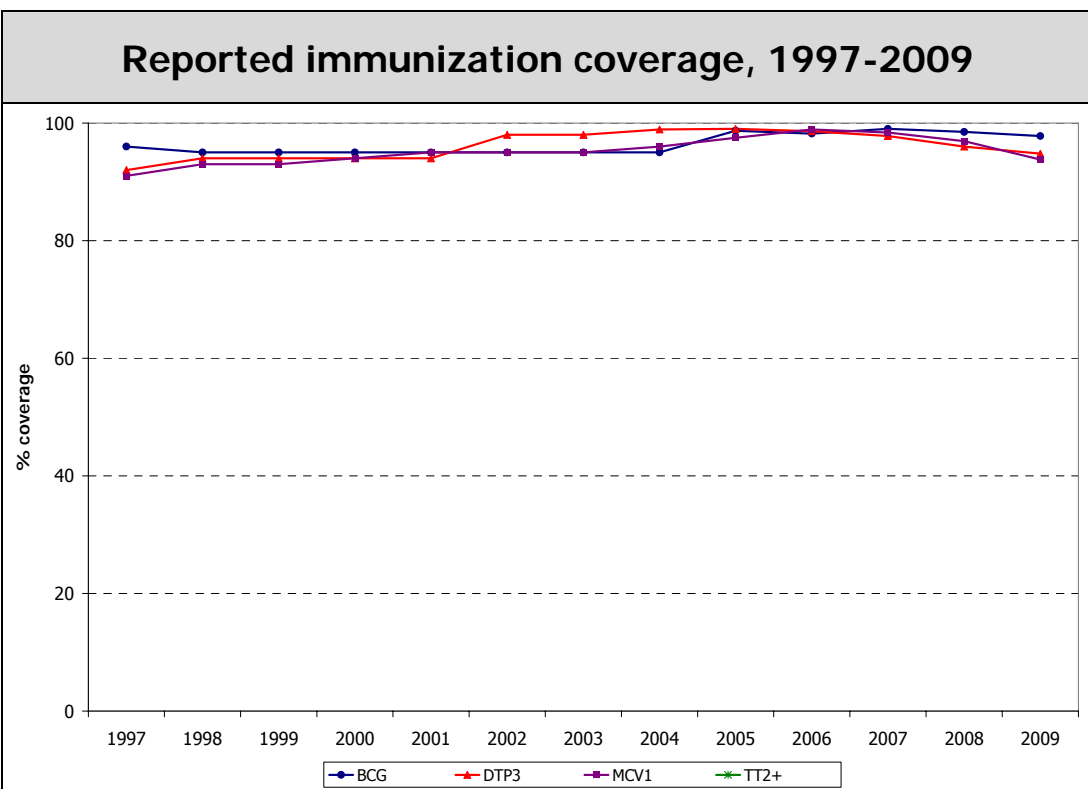
\*Western Pacific Country Health Information Profiles, 2009 Revision

NIP priority needs	
1. To increase birth dose coverage of Hepatitis B vaccine within 24 hours	
2. To maintain "Polio free status" by increasing surveillance of AFP.	
3. To improve surveillance indicator of measles and rubella at all level and provide feedback.	



Delivery of immunization services	
% of population served by outreach	No data
No. (%) of districts with DTP3 coverage < 50%	0 (0%)
No. (%) of districts with DTP3 coverage > 90%	331 (93%)
No. (%) of districts with MCV1 coverage < 80%	5 (1.4%)
No. (%) of districts with MCV1 coverage > 90%	324 (91%)
No. (%) of districts w/ DTP drop-out > 10%	21 (5.9%)
No. (%) of districts w/ DTP1 – MCV1 drop-out >10%	31 ( 8.7%)

Immunization schedule	
BCG	B
DT	Y7; Y15
DTPHibHepB	M2; M3; M4
HepB	B
MMR	M9; Y2
OPV	B; M2; M3; M4



Reported cases												
Year	AFP		Measles		Neonatal tetanus		Total tetanus		Diphtheria		Pertussis	
	Non-polio AFP rate	% adequate specimens	Cases	IR	Cases	IR	Cases	IR	Cases	IR	Cases	IR
2000	1.8	56%	884	358.0	0	0.0	3	0.1	4	0.2	0	0.0
2001	1.0	67%	10 677	4291.0	0	0.0	2	0.1	6	0.2	0	0.0
2002	2.2	90%	1205	480.2	0	0.0	2	0.1	5	0.2	2	0.1
2003	1.0	78%	18	7.1	0	0.0	1	0.0	1	0.0	0	0.0
2004	0.8	86%	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2005	0.9	100%	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2006	1.0	71%	26	10.0	0	0.0	0	0.0	0	0.0	0	0.0
2007	1.0	100%	12	4.6	0	0.0	2	0.1	0	0.0	0	0.0
2008	0.9	71%	31	11.7	0	0.0	1	0.0	0	0.0	0	0.0
2009	0.9	100%	8	3.0	0	0.0	3	0.1	0	0.0	0	0.0

Non-polio AFP rate = incidence per 100 000 under 15 years; % adequate specimens = % of AFP cases with 2 specimens within 14 days of paralysis onset.  
 IR = incidence rate: for measles, per 1 000 000 population; for neonatal tetanus, per 1000 live births; for all others, per 100 000 population. Total tetanus includes neonatal tetanus cases.  
 Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects.



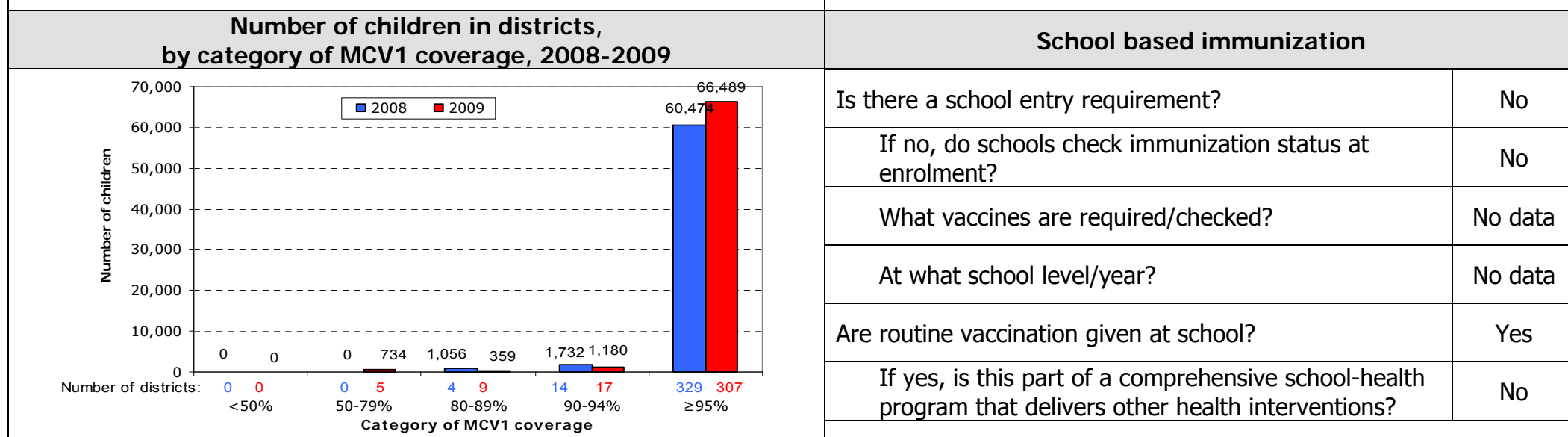
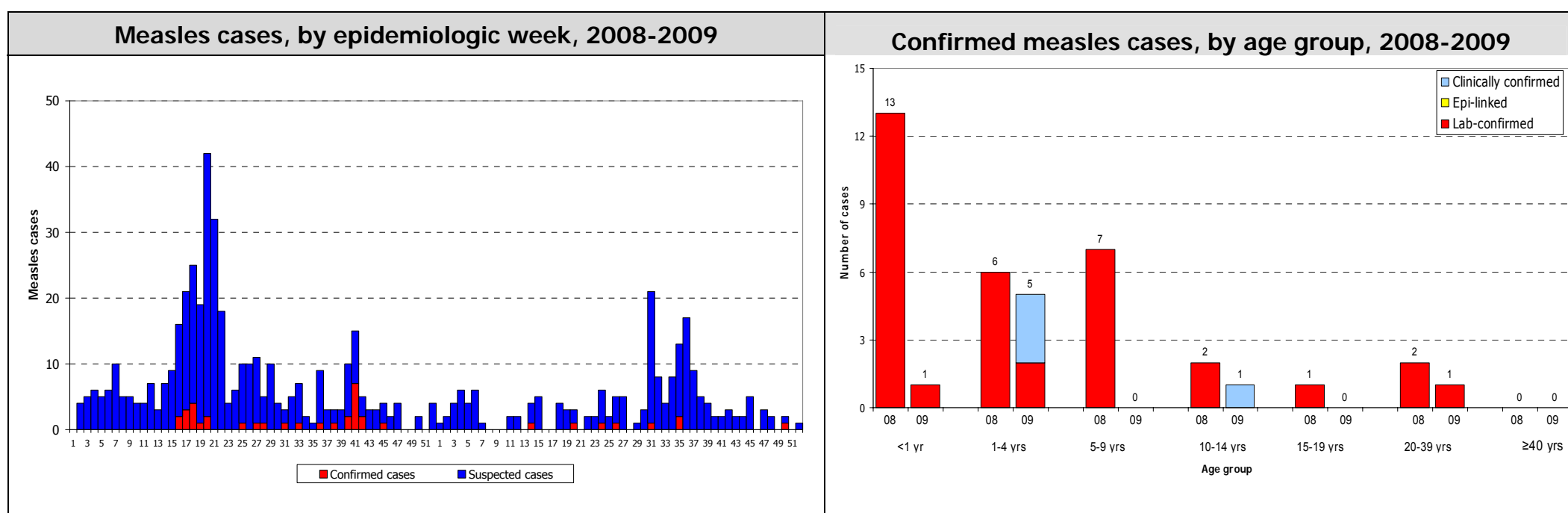
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Plans/Review	Available	Period covered	Safe immunization	
Multi-year plan (MYP)	Yes	2008-2012	% of districts using AD syringes	95%
Annual workplan for immunization activities	Yes		System to monitor AEFI	Yes
Includes measles elimination activities	Yes		Number of AEFI	16
Includes Hepatitis B control activities	Yes		Disposal methods	Incineration, Open Burning, Burial
Updated wild poliovirus importation and cVDPV response plan	No			
Injection safety review	Yes			

Measles elimination				
Confirmed measles case rate		3.0	Year of MCV1 introduction	1973
Discarded measles case rate	(Target: $\geq 2/100,000$ pop)	6.4	Year of MCV2 introduction	1987
% suspected cases w/ adeq. specimens	(Target: at least 80%)	98.9%	Year and target pop of last SIA	2007; Y2-10
Does surv. system assess measles importation? (No. of imp. cases)		No	No. vaccinated (coverage achieved)	401 575 (97%)

Rubella				
Rubella containing vaccine in NIP		Yes	Number of rubella cases (IgM+)	3
Is rubella notifiable ?		Yes	Surveillance system for CRS	No

From measles case-based surveillance data



Operational indicators for Hepatitis B control program			
Year HepB vaccine first used in NIP	1987	Systems to monitor HepB vaccine birth dose	Hospitals, Home
Year HepB vaccine expanded nationwide	1991	Systems to deliver HepB vaccine birth dose	Hospitals, Home
HepB vaccine birth dose in schedule	Yes	Estimated chronic infection rate in under 5 years old	No data
HepB vaccine birth dose coverage within 24 hours	98%	No. of districts with >10% difference between DTP3-HepB3	0

Disease	Type of surveillance system	Year surveillance start	Number of facilities under sentinel surveillance	Number of patients positive
Rotavirus diarrhea	Sentinel	2005	2	101
Bacterial meningitis	Nationwide	No data	No data	26
Bacterial pneumonia	Sentinel	No data	6	59
Meningoencephalitis	No data	No data	No data	No data

**Note:** Unless otherwise specified, data are from WHO/UNICEF Joint Reporting Form for Immunization.