



Lao People's Democratic Republic, 2009

Population	
Total population*	6 320 429
Births	171 704
NIP target	162 379

* 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\$ 580
Line item in budget for vaccines?	Yes
Line item in budget for injection supplies?	Yes
% of NIP costs government funded	7%
% of NIP vaccine government funded	7%

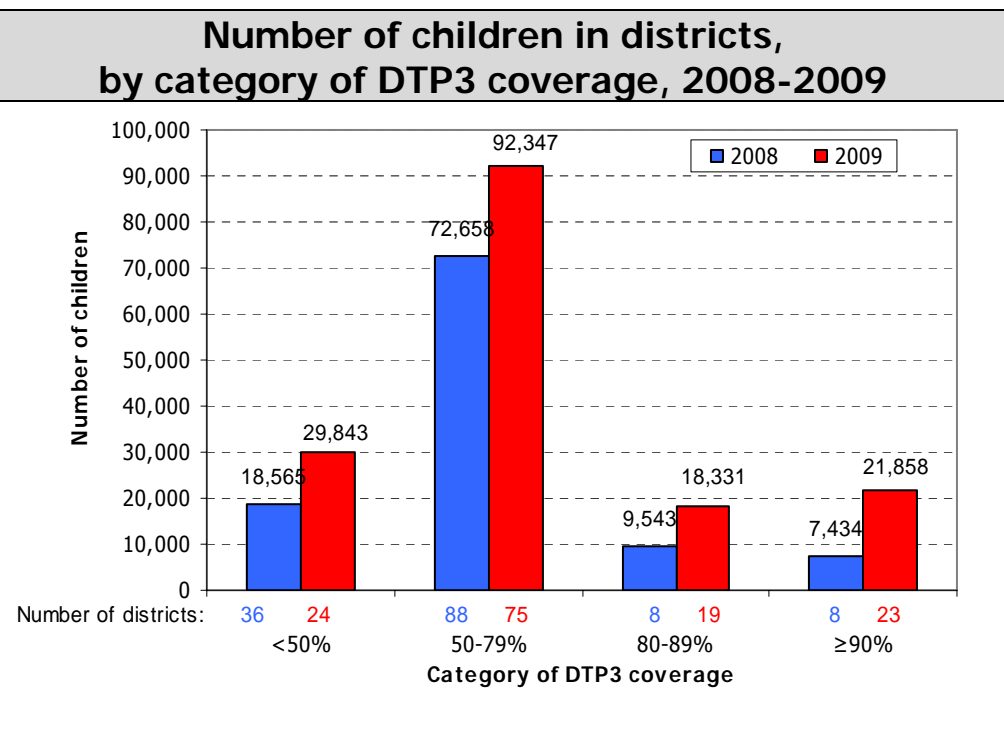
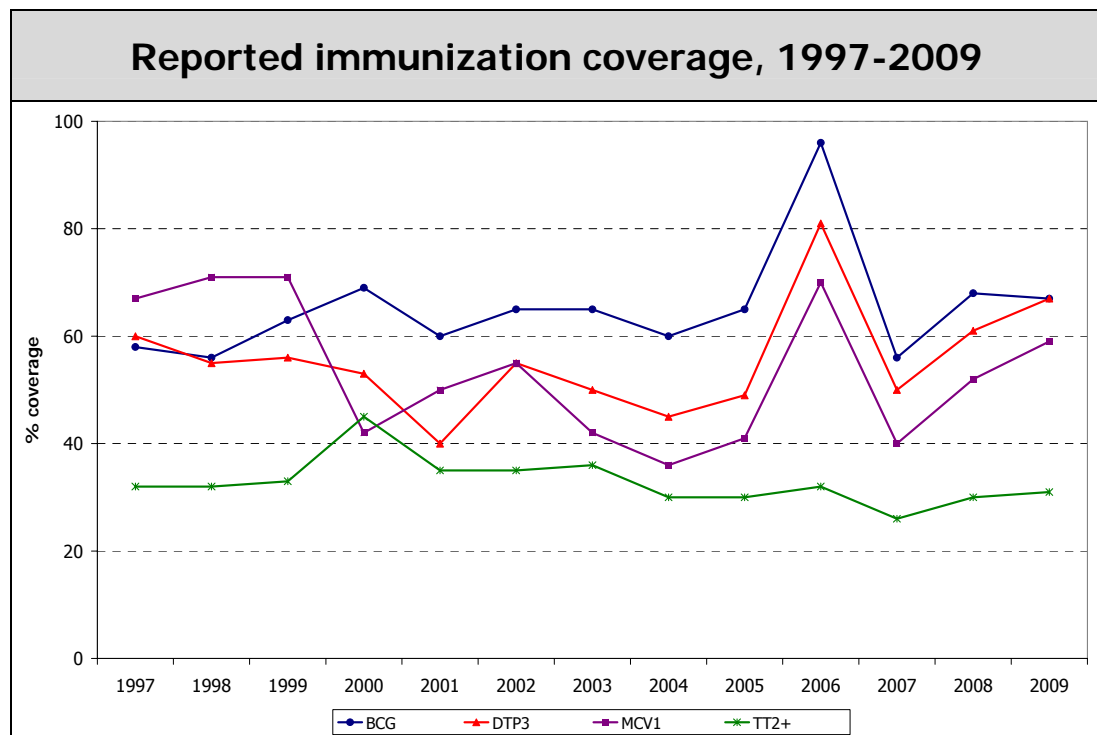
*Western Pacific Country Health Information Profiles, 2009 Revision

NIP priority needs	
1. Strengthening of routine immunization data management including vaccine monitoring	
2. Community demand creation	
3. Improve vaccine delivery system, cold chain and vaccine management including safety injection	



Delivery of immunization services	
% of population served by outreach	35%
No. (%) of districts with DTP3 coverage < 50%	24 (16.7%)
No. (%) of districts with DTP3 coverage > 90%	23 (16.0%)
No. (%) of districts with MCV1 coverage < 80%	119 (82.6%)
No. (%) of districts with MCV1 coverage > 90%	44 (9.7%)
No. (%) of districts w/ DTP drop-out > 10%	69 (47.9%)
No. (%) of districts w/ DTP1 – MCV1 drop-out >10%	109 (75.7%)

Immunization schedule	
BCG	B
DTPHepB	W6; W10; W14
HepB	B
Measles	M9
OPV	W6; W10; W14
TT	B; M1; M6; Y1
Vit A	M6; M12; M18; M24; M30; M36



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	2.9	69%	333	63.7	21	0.1	39	0.7	3	0.1	80	1.5
2001	2.5	82%	94	17.7	17	0.1	35	0.7	2	0.0	111	2.1
2002	3.2	63%	2263	418.9	16	0.1	35	0.6	40	0.7	61	1.1
2003	2.9	64%	1810	329.9	17	0.1	35	0.6	116	2.1	200	3.6
2004	3.0	69%	1491	267.5	14	0.1	49	0.9	11	0.2	199	3.6
2005	2.4	69%	295	52.1	12	0.1	21	0.4	9	0.2	120	2.1
2006	1.9	68%	58	10.1	8	0.1	17	0.3	2	0.0	182	3.2
2007	0.7	63%	1678	286.4	15	0.1	17	0.3	2	0.0	13	0.2
2008	2.5	69%	174	29.2	5	0.0	12	0.2	2	0.0	26	0.4
2009	1.6	76%	78	12.3	8	0.0	15	0.2	0	0.0	12	0.2

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.



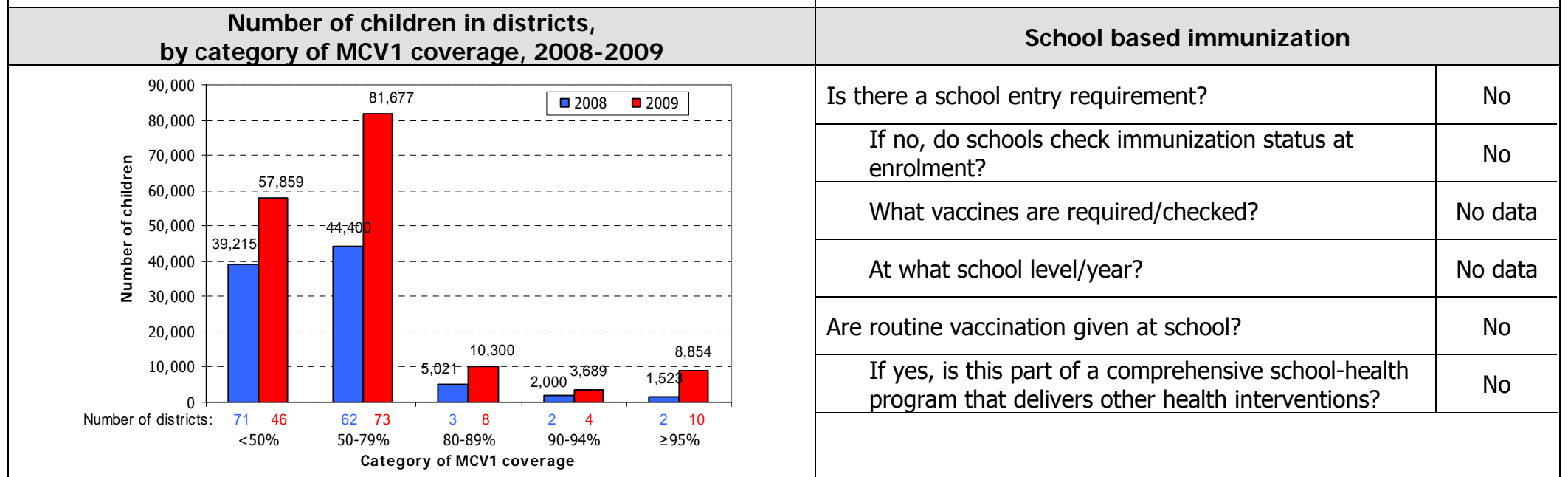
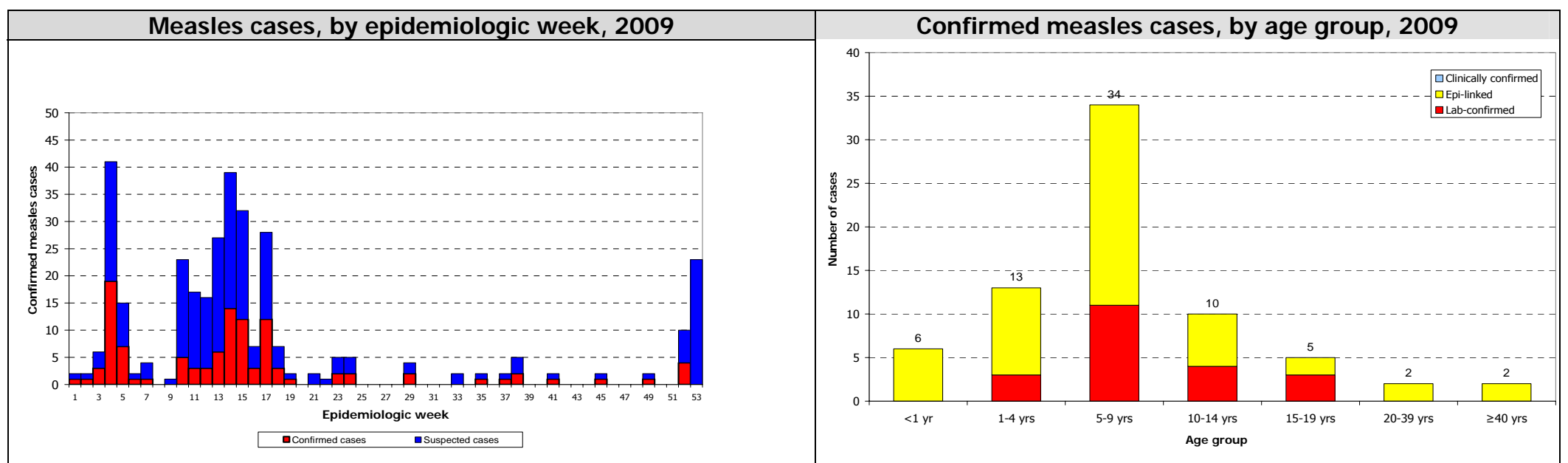
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Plans/Review	Available	Period covered	Safe immunization	
Multi-year plan (MYP)	Yes	2007-2011	% of districts using AD syringes	96%
Annual workplan for immunization activities	Yes		System to monitor AEFI	Yes
Includes measles elimination activities	Yes		Number of AEFI	28
Includes Hepatitis B control activities	Yes		Disposal methods	Incineration, Open Burning, Burial
Updated wild poliovirus importation and cVDPV response plan	Yes			
Injection safety review	Yes			

Measles elimination				
Confirmed measles case rate		11.4	Year of MCV1 introduction	1982
Discarded measles case rate	(Target: $\geq 2/100,000$ pop)	2.5	Year of MCV2 introduction	No data
% suspected cases w/ adeq. specimens	(Target: at least 80%)	60%	Year and target pop of last SIA	2007; M9-Y15
Does surv. system assess measles importation? (No. of imp. cases)		No	No. vaccinated (coverage achieved)	2 086 190 (96%)

Rubella				
Rubella containing vaccine in NIP		No	Number of rubella cases (IgM+)	43
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	2001	Systems to monitor HepB vaccine birth dose	Hospitals, HCs
Year HepB vaccine expanded nationwide	2004	Systems to deliver HepB vaccine birth dose	Hospitals, HCs
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	59%	No. of districts with >10% difference between DTP3-HepB3	132

Disease	Type of surveillance system	Year surveillance start	Number of facilities under sentinel surveillance	Number of patients positive
Rotavirus diarrhea	Sentinel	2005	1	174
Bacterial meningitis	No data	No data	No data	No data
Bacterial pneumonia	No data	No data	No data	No data
Meningoencephalitis	Sentinel	2006	5	3

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