Routine immunization Independent monitoring update from 2018 to 2023

Routine Immunization Independent monitoring initiated since 2018 is conducted through SMOs and trained monitors to provide real-time data for evidence-based interventions at appropriate administrative levels. This monitoring is focused on high-risk areas/communities to identify children who have missed routine vaccinations due to any cause and refer them to the nearest center for complete vaccination. Till Dec 2023, 3175 session sites and 4023 health facilities in 77 districts were monitored using structured checklists. About 81627 children in 6154 high-risk communities were monitored out of which 71,943 (88%) received age-appropriate vaccination as per National Immunization Schedule.

Age-appropriate vaccination status (%) among children aged 6 weeks to 59 months in community found during Quick Immunization Assessment(2018 to 2022)

Reason category for not receiving age-appropriate vaccination(2018-2022)

Child Vaccination Card Available(2018-2022)

Mother/caregiver knows vaccines due for next visit & date, day, and place of session 2018-2022

Child vaccination card status and reasons(2018-2022)

Reason	#	%
1 - not received	553	11%
2 - Lost	3558	71%
3 - Torn	727	15%
4 - Others	158	3%
Total	4996	100%

Category	Reason	2018		2019		2020		2021		2022		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
Service Delivery	1c. Vaccines not available	468	36	210	16	3	6	429	42	211	26	1321	30
	1e. Immunization session not conducted	0	0	0	0	0	0	6	1	18	2	24	1
	1i. Migration-mobile population (Example: seasonal migration, ethnic group migration, construction workers etc.)	0	0	0	0	0	0	2	0	11	1	13	0
	1j. Displaced population(refugee,IDP,flood vicims of disaster victims)	0	0	0	0	0	0	0	0		0	0	0
	1d. Syringes or other supplies not available	0	0	0	0	0	0	4	0	1	0	5	0
	1g. Working or busy parents	0	0	0	0	0	0	4	0	10	1	14	0
	1a. Vaccination site too far	22	2	17	1	1	2	1	0	8	1	49	1
	1b. Vaccinator not available	44	3	24	2	1	2	1	0	26	3	96	2
Knowledge Gap	2a. Mother does not know total no. of contact for complete immunization	113	9	154	12	11	23	67	7	41	5	386	9
	2b. Mother does not know the age for vaccination of different vaccine	198	15	212	16	12	25	73	7	66	8	561	13
	2c. Mother does not know immunization session site	0	0	0	0	0	0	1	0	10	1	11	0
Service Uptake	3a. Child not at home	136	10	245	19	3	6	195	19	123	15	702	16
	3b. Child sick	126	10	257	20	10	21	87	8	132	17	612	14
	3c. Fear of AEFI (any AEFI or fever or pain)	26	2	32	2	1	2	12	1	17	2	88	2
	3d. Thinking will go later	0	0	0	0	0	0	9	1	40	5	49	1
	3e. Fear of multiple injections	0	0	0	0	0	0	7	1	10	1	17	0
	3g. No belief in vaccine	25	2	41	3		0	1	0	2	0	69	2
	3h. Religious	5	0	7	1	1	2	1	0	3	0	17	0
	3i. Fear of getting infected with COVID-19 at immunization session site	0	0	0	0	0	0	8	1	3	0	11	0
	3k. Complete refusal to vaccinate	0	0	0	0	0	0	3	0	1	0	4	0
	3f. Past history of AEFI	0	0	0	0	0	0	2	0	0	0	2	0
	3j. Undecided (Can not decide whether vaccine is needed or not)	0	0	0	0	0	0	1	0	0	0	1	0
Others	4. Others	144	11	0	0	0	0	114	11	12	2	270	6
	Reason Unknown	0	0	91	7	5	10		0	53	7	149	3
	Total	**1307**	**100**	**1290**	**100**	**48**	**100**	**1028**	**100**	**798**	**100**	**4471**	**100**

Routine immunization monitoring update 2023

In 2023, 49 districts (100 visits), 594 health facilities (628 visits), 377 session sites (407 visits) and 2935 high risk communities were monitored. More than 46208 children aged 6 weeks to 59 months were monitored in 2956 communities. Out of which 40995 (89%)children were found to be age appropriately vaccinated.

Age-appropriate vaccination status (%) among children aged 6 weeks to 59 months in the community found during Quick Immunization Assessment, Jan to Dec 2023

Province	Total Communities	Total Children	Yes (N)	Yes (%)
Koshi	171	2040	1839	90
Madhesh	132	1481	1102	74
Bagmati	262	2029	1908	94
Gandaki	194	2917	2811	96
Lumbini	1797	33194	29454	89
Karnali	212	1890	1746	92
Sudurpaschhim	188	2657	2135	80
Nepal	2956	46208	40995	89

District Checklist

Findings

Province	District visited	Total visits	District has updated district micro plan as per nes local administrative structure: Yes (#)	Yes (%)	District update vaccine and logistic control register at the end of immunization sessions for last month: Yes (#)	Yes (%)	Adequate stock of all vaccines , syringes for last 3 months: Yes (#)	Yes (%)
Koshi	7	8	5	71	5	71	7	100
Madhesh	8	42	3	38	8	100	2	25
Bagmati	10	17	5	50	10	100	10	100
Gandaki	6	8	3	50	6	100	6	100
Lumbini	8	12	6	75	8	100	8	100
Karnali	6	9	6	100	4	67	4	67
Sudurpaschhir	4	4	4	100	4	100	4	100
National	49	100	32	65	45	92	41	84

Health Facility

172 vaccine substore were visited 191 times,84% adequate supply of vaccine and syringes for last 3 months

Province	No HF visited	Total visits	Health facility got adequately bundled vaccines, diluents, syringes and safety boxes: Yes (#)	Yes (%)	Health facility updated micro-plan as per new local administrative structure (inclusion of HTR population and area from palika): Yes (#)	Yes (%)	Health facility initiated for 'full immunization' and sustainability plan if already declared fully immunized: Yes (#)	Yes (%)	Health facility conducted all sessions (out reach, fixed and mobile) as planned: Yes (#)	Yes (%)
Koshi	58	59	43	74	27	47	40	69	40	69
Madhesh	161	168	114	71	110	68	111	69	129	80
Bagmati	138	146	134	97	108	78	105	76	115	83
Gandaki	126	132	121	96	99	79	103	82	115	91
Lumbini	118	123	116	98	82	69	114	97	116	98
Karnali	23	26	22	96	9	39	20	87	21	91
Sudurpaschim	63	78	63	100	58	92	61	97	63	100
Nepal	**687**	**732**	**613**	**89**	**493**	**72**	**554**	**81**	**599**	**87**

Status of immunization card

Session Site

Findings

Province	Health facilities visited	No. of sessons visit	Name list of children (expected and missed for earlier session) for this session available: Yes (#)	Yes (%)	Supply of vaccine doses , syringes, diluent and safety boxes matches with session targets: Yes (#)	Yes (%)	Vaccinator notes date & time of re-constitution for BCG, MR and JE vaccines: Yes (#)	Yes (%)	FCHV knows the ages for vaccination with different vaccines as per immunization schedule: Yes (#)	Yes (%)	Mothers/guardians are informed about next dose visits: Yes (#)	Yes (%)
Koshi	13	14	6	43	14	100	8	57	5	36	10	71
Madhesh	138	154	145	94	104	68	131	85	134	87	153	99
Bagmati	82	83	68	82	82	99	76	92	56	67	82	99
Gandaki	30	54	33	61	52	96	50	93	42	78	54	100
Lumbini	67	79	45	57	78	99	76	96	74	94	79	100
Karnali	26	30	23	77	30	100	26	87	27	90	30	100
Sudurpaschim	37	59	48	81	59	100	57	97	48	81	59	100
Nepal	393	473	368	78	419	89	424	90	386	82	467	99

For not receiving age-appropriate vaccinations

Reason	#	%
1a. Vaccination site too far	61	1
1b. Vaccinator not available	54	1
1c.Vaccines not available	478	9
1d.Syringes or other supplies not available	40	1
1e. Immunization session not conducted	39	1
1f. Immunization session conducted but not regularly according to	8	0
1g.Working or busy parents	60	1
1h.Not good experience with services (services, long waiting time, health workers' behaviour, immunization session site location etc.)	8	0
1i. Migration/mobile population (Example: seasonal migration, ethnic group migration, construction workers etc.)	3	0
group migration, construction workers etc.)	55	1
1j.Displaced population (refugee,IDP,flood victims or disaster victims)	3	0
2a.Mother does not know total no. of contact for complete immunization	1581	30
2b. Mother does not know the age for vaccination of different vaccine	745	14
2c. Mother does not know immunization session site	69	1
3a. Child not at home	667	13
3b. Child sick	491	9
3c. Fear of AEFI (any AEFI or fever or pain)	140	3
3d. Thinking will go later	227	4
3e. Fear of multiple injections	13	0
3f. Past history of AEFI	3	0
3g. No belief in vaccine	47	1
3h.Religious	35	1
3i.Fear of getting infected with COVID-19 at immunization session	24	0
3j. Undecided (Can not decide whether vaccine is needed or not)	13	0
3k.Complete refusal to vaccinate	25	0
Other	56	1
Reason unknown	268	5
Total	5213	100

Independent monitors conducting Rapid convenient monitoring in different communities