



THE REPUBLIC OF UGANDA

## Ministry of Health

### Uganda Routine Immunisation Coverage for 1st quarter (July – September 2013)

Ministry of Health/UNEPI with support from USAID's Maternal and Child Health Integrated Program (MCHIP) is giving feedback about district immunization performance for the quarter – July to September 2013.

The Uganda National Expanded Programme on Immunization (UNEPI) has a **vision** ensuring that the Ugandan population is free of vaccine-preventable diseases. Its **mission** is to contribute to the overall objective of the HSSIP in reducing morbidity, mortality and disability due to vaccine preventable diseases, so that they are no longer of public health importance. The **goal** of the programme is to ensure that every child and high-risk group is fully vaccinated with high quality and effective vaccines against the target diseases according to recommended strategies. Immunization is a countrywide programme covering all districts of Uganda.

The ministry of health recognizes the importance of improving the quality of data generated by the National Health Management Information System (HMIS) for the successful planning delivery and implementation of the minimum health care package as indicated in the HSSIP. To achieve the above districts need to provide quality data. In addition, the data at the districts need to be regularly harmonized with data at MOH to facilitate making evidence-based decisions at all levels.

The objective of these quarterly newspaper pull-outs include:

1. To increase awareness, cause positive debates from and by relevant stakeholders including district leadership, area MP representatives, health workers and the general public about ways of sustainably improving the immunization coverage in the country based on accurate data obtained from the District Health Information System (DHIS 2).

2. To continuously improve data quality through harmonization of EPI data in districts and that at Ministry of Health Resource Center and regular conducting of Data Quality Self- assessment (DQS).
3. To strengthen dialogue between the Ministry of Health and/ UNEPI and districts on routine immunization.

Realization of these objectives will lead to **sustainable and affordable improvement in routine immunization** in Uganda.

Generally, there is improvement in routine immunization performance by all districts in July – September quarter compared to April - June Quarter of 2013. 78% of districts are above the national target for DPT3 coverage of 90% for the quarter. Only 22 % of districts are below 90% DPT3 coverage for the targeted infants in that quarter. Two indicators have been used to assess performance of districts: Percentage of targeted infants for the quarter reached with immunization for 3<sup>rd</sup> time and Percentage of infants who drop out from immunization system despite having come for the 1<sup>st</sup> immunization but never return to receive other immunization doses for 3<sup>rd</sup> time (drop out rate). Any district with a DPT3 coverage above 90% is said to give good access for immunization services. Every district should ensure that every child who starts the immunization schedule completes it. Hence a district with more than 10% of children dropping out from DPT1 to DPT3, is said to have poor quality of services offered by system thus certain issues must be improved. Such issues include ensuring immunization outreaches are regular, good explanation to parents that a child needs to complete the immunization schedule before his first birth day. Completing the immunization schedule helps a child to get adequate protection from all the immunisable diseases. The immunisation schedule is as follows: the child should be immunized at birth, 6 weeks, 10 weeks, 14 weeks and 9 months.

#### District Category using the RED tools

Measurement description	RED Category	Interpretation	No. of districts QRT- July - September 2013
DPT1>90%, DTP1-3 DOR <10%	1	<b>Good access &amp; Good Utilization</b> = No problem	27
DPT1>90%, DTP1-3 DOR >10%	2	<b>Good access &amp; Poor Utilization</b> = Many targeted children are given DPT1 (good access) But do not continue up to DPT3 (poor utilization)	60
DPT1<90%, DTP1-3 DOR <10%	3	<b>Poor access &amp; good Utilization</b> = Many targeted children do not come for DPT 1 (poor access) but those who come for DPT1 keep returning up to DPT3 (good utilization)	07
DPT1<90%, DTP1-3 DOR >10%	4	<b>Poor access &amp; Poor Utilization</b> = Many targeted children do not come for DPT1 (poor access) and even the few who come for DPT1 do not return to complete DPT3 (poor utilization)	17

**NB:** Uganda as a country was in Category 1 in the first quarter of FY 2013/14, 87 districts had **good access** (DPT1 coverage >90%) to RI but only 27 had **good utilization** (DPT1-3 DOR <10%). 17 districts were in Category 4 had poor access and poor utilization, so need urgent support to contribute to increased RI coverage in the country.

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The government is expecting to train and send support supervision teams to poor performing districts to support them in improving their immunisation coverage. The Ministry of Health disbursed GAVI ISS funds to all districts to support immunization activities last week. These funds are supplementing Primary Health care funds. The funds support parish mobilisers to mobilize communities for immunization, facilitate health workers to do outreaches, finance districts to do support supervision and cold chain maintenance. The introduction of new expensive vaccines into routine immunisation requires close supervision and ensuring that vaccines are safe and potent.

I would like to call upon all civil society organizations, religious leaders, politicians, cultural leaders to participate in mobilizing communities to come for immunization. That way each person will be contributing to reducing infant mortality.

*Mayanja Robert*

Dr. Mayanja Robert

Program Manager UNEPI

## Analysis of District Routine immunization Data

Name : Uganda, July - September 2013

Goal : Increase immunization coverage to at least 90% with all vaccines in every district

Criteria
DPT1 coverage
90%
Drop-out Rate
10%

Note: Data Extracted on from DHIS II on November 7, 2013

Area Name	Compile population, immunization coverage data in previous 3 months							Analyse Problem							
	Total under 1yr Population July-September	Doses of vaccine administred			Immunization coverage (%)			Unimmunized (No.)		Drop-out (rates (%))		Identify problem (see table 2*)		Categorize problem according to RED	Categorize problem according to RED
		DPT1	DPT3	Measles	DPT1	DPT3	Measles	DPT3	Measles	DPT1-DPT3	DPT1-Measles	Access	Utilization	FY2013/14 Q1 Category 1, 2, 3, or 4	FY2012/13 Q4 Category 1, 2, 3, or 4
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	o
<b>UGANDA</b>	360861	420,967	394,982	385,826	117%	109%	107%	-34121	-24965	6%	8%	Good	Good	Cat. 1	Cat. 2
<b>CENTRAL 1 REGION</b>	39036	44,797	45,007	40,941	115%	115%	105%	-5971	-1905	0%	9%	Good	Poor	Cat. 2	Cat. 2
MPIGI	2347	3004	2900	3083	128%	124%	131%	-553	-736	3%	-3%	Good	Good	Cat. 1	Cat. 1
BUTAMBALA	1085	1304	1187	1000	120%	109%	92%	-102	85	9%	23%	Good	Good	Cat. 1	Cat. 2
GOMBA	1665	1941	1866	1557	117%	112%	94%	-201	108	4%	20%	Good	Good	Cat. 1	Cat. 2
WAKISO	15367	17299	15931	16877	113%	104%	110%	-564	-1510	8%	2%	Good	Good	Cat. 1	Cat. 1
BUKOMANSIMBI	1671	1895	1899	1990	113%	114%	119%	-228	-319	0%	-5%	Good	Poor	Cat. 2	Cat. 4
LWENGO	2901	3667	4125	3804	126%	142%	131%	-1224	-903	-12%	-4%	Good	Poor	Cat. 2	Cat. 2
LYANTONDE	879	1545	1188	1167	176%	135%	133%	-309	-288	23%	24%	Good	Poor	Cat. 2	Cat. 2
MASAKA	2732	3374	2986	2475	124%	109%	91%	-254	257	11%	27%	Good	Poor	Cat. 2	Cat. 1
RAKAI	5300	6408	8975	5123	121%	169%	97%	-3675	177	-40%	20%	Good	Poor	Cat. 2	Cat. 2
KALANGALA	761	622	584	591	82%	77%	78%	177	170	6%	5%	Poor	Good	Cat. 3	Cat. 4
KALUNGU	1922	1647	1575	1256	86%	82%	65%	347	666	4%	24%	Poor	Good	Cat. 3	Cat. 2
SSEMBABULE	2407	2091	1791	2018	87%	74%	84%	616	389	14%	3%	Poor	Poor	Cat. 4	Cat. 4
<b>CENTRAL 2 REGION</b>	38172	43,928	41,607	40,585	115%	109%	106%	-3435	-2413	5%	8%	Good	Good	Cat. 1	Cat. 1
BUVUMA	611	595	553	581	97%	91%	95%	58	30	7%	2%	Good	Good	Cat. 1	Cat. 2
KAYUNGA	3931	4320	4006	4744	110%	102%	121%	-75	-813	7%	-10%	Good	Good	Cat. 1	Cat. 2
KIBOGA	1850	2091	2016	1716	113%	109%	93%	-166	134	4%	18%	Good	Good	Cat. 1	Cat. 1
MUBENDE	6809	9879	8946	7322	145%	131%	108%	-2137	-513	9%	26%	Good	Good	Cat. 1	Cat. 2
MUKONO	6081	5666	5333	6203	93%	88%	102%	748	-122	6%	-9%	Good	Good	Cat. 1	Cat. 2
BUIKWE	4742	4693	4119	4295	99%	87%	91%	623	447	12%	8%	Good	Poor	Cat. 2	Cat. 3
LUWERO	4854	6730	6965	6544	139%	144%	135%	-2111	-1690	-3%	3%	Good	Poor	Cat. 2	Cat. 1
MITYANA	3402	4126	4134	3933	121%	122%	116%	-732	-531	0%	5%	Good	Poor	Cat. 2	Cat. 1
NAKASONGOLA	1718	1744	1843	1795	102%	107%	104%	-125	-77	-6%	-3%	Good	Poor	Cat. 2	Cat. 1
KYANKWANZI	2051	2362	2100	1884	115%	102%	92%	-49	167	11%	20%	Good	Poor	Cat. 2	Cat. 1
NAKASEKE	2123	1722	1592	1568	81%	75%	74%	531	555	8%	9%	Poor	Good	Cat. 3	Cat. 4
<b>EASTERN REGION</b>	56791	63,408	57,880	61,051	112%	102%	108%	-1089	-4260	9%	4%	Good	Good	Cat. 1	Cat. 2
BUKEDEA	2090	2875	2620	2610	138%	125%	125%	-530	-520	9%	9%	Good	Good	Cat. 1	Cat. 1
MBALE	4879	7052	6534	9956	145%	134%	204%	-1655	-5077	7%	-41%	Good	Good	Cat. 1	Cat. 1
NGORA	1767	1737	1665	1536	98%	94%	87%	102	231	4%	12%	Good	Good	Cat. 1	Cat. 3
SERERE	3328	3023	2837	2458	91%	85%	74%	491	870	6%	19%	Good	Good	Cat. 1	Cat. 4
SIRONKO	2641	3849	3682	4283	146%	139%	162%	-1041	-1642	4%	-11%	Good	Good	Cat. 1	Cat. 2
BUDAKA	1975	2645	2140	2002	134%	108%	101%	-165	-27	19%	24%	Good	Poor	Cat. 2	Cat. 2
BUDUDA	2017	2975	3532	4431	148%	175%	220%	-1515	-2414	-19%	-49%	Good	Poor	Cat. 2	Cat. 2
KATAKWI	1978	2131	2252	1811	108%	114%	92%	-274	167	-6%	15%	Good	Poor	Cat. 2	Cat. 4
KIBUKU	2021	2943	2225	2350	146%	110%	116%	-204	-329	24%	20%	Good	Poor	Cat. 2	Cat. 2
KUMI	2870	2632	2695	2332	92%	94%	81%	175	538	-2%	11%	Good	Poor	Cat. 2	Cat. 4
TORORO	5378	5518	5723	5351	103%	106%	99%	-345	27	-4%	3%	Good	Poor	Cat. 2	Cat. 3
BUKWO	820	1215	934	1154	148%	114%	141%	-114	-334	23%	5%	Good	Poor	Cat. 2	Cat. 2
BULAMBULI	1382	1804	1234	1320	130%	89%	95%	148	62	32%	27%	Good	Poor	Cat. 2	Cat. 2
BUTALEJA	2460	2795	2331	2231	114%	95%	91%	129	229	17%	20%	Good	Poor	Cat. 2	Cat. 2
KABERAMAIDO	2233	2263	1968	2009	101%	88%	90%	265	224	13%	11%	Good	Poor	Cat. 2	Cat. 1

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MANAFWA	4085	5871	4645	4945	144%	114%	121%	-560	-860	21%	16%	Good	Poor	Cat. 2	Cat. 2
PALLISA	4036	4455	3795	3730	110%	94%	92%	241	306	15%	16%	Good	Poor	Cat. 2	Cat. 2
AMURIA	4743	3066	3020	2779	65%	64%	59%	1723	1964	2%	9%	Poor	Good	Cat. 3	Cat. 4
SOROTI	3647	2504	2432	2293	69%	67%	63%	1215	1354	3%	8%	Poor	Good	Cat. 3	Cat. 1
KAPCHORWA	1282	1143	882	861	89%	69%	67%	400	421	23%	25%	Poor	Poor	Cat. 4	Cat. 4
KWEEN	1158	912	734	609	79%	63%	53%	424	549	20%	33%	Poor	Poor	Cat. 4	Cat. 4
<b>EAST CENTRAL REGION</b>	<b>43170</b>	<b>58,571</b>	<b>52,309</b>	<b>50,078</b>	<b>136%</b>	<b>121%</b>	<b>116%</b>	<b>-9139</b>	<b>-6908</b>	<b>11%</b>	<b>15%</b>	<b>Good</b>	<b>Poor</b>	<b>Cat. 2</b>	<b>Cat. 2</b>
BUYENDE	2944	4926	4454	4423	167%	151%	150%	-1510	-1479	10%	10%	Good	Good	Cat. 1	Cat. 2
IGANGA	5558	8933	8186	7154	161%	147%	129%	-2628	-1596	8%	20%	Good	Good	Cat. 1	Cat. 2
BUGIRI	4807	7843	6682	6777	163%	139%	141%	-1875	-1970	15%	14%	Good	Poor	Cat. 2	Cat. 2
BUSIA	3290	3326	2705	3068	101%	82%	93%	585	222	19%	8%	Good	Poor	Cat. 2	Cat. 2
KALIRO	2408	3242	2521	2755	135%	105%	114%	-113	-347	22%	15%	Good	Poor	Cat. 2	Cat. 2
KAMULI	5562	7542	7923	7640	136%	142%	137%	-2361	-2078	-5%	-1%	Good	Poor	Cat. 2	Cat. 1
LUUKA	2900	3551	2837	2397	122%	98%	83%	63	503	20%	32%	Good	Poor	Cat. 2	Cat. 2
MAYUGE	5135	6178	5553	4491	120%	108%	87%	-418	644	10%	27%	Good	Poor	Cat. 2	Cat. 2
NAMAYINGO	2620	4196	3531	4299	160%	135%	164%	-911	-1679	16%	-2%	Good	Poor	Cat. 2	Cat. 1
NAMUTUMBA	2417	3951	3195	2640	163%	132%	109%	-778	-223	19%	33%	Good	Poor	Cat. 2	Cat. 2
JINJA	5529	4883	4722	4434	88%	85%	80%	807	1095	3%	9%	Poor	Good	Cat. 3	Cat. 2

<b>WEST NILE REGION</b>	<b>35186</b>	<b>38,066</b>	<b>28,790</b>	<b>31,301</b>	<b>108%</b>	<b>82%</b>	<b>89%</b>	<b>6396</b>	<b>3885</b>	<b>24%</b>	<b>18%</b>	<b>Good</b>	<b>Poor</b>	<b>Cat. 2</b>	<b>Cat. 4</b>
KOBOKO	2707	3186	2973	2515	118%	110%	93%	-266	192	7%	21%	Good	Good	Cat. 1	Cat. 2
ARUA	8615	12490	9515	11708	145%	110%	136%	-900	-3093	24%	6%	Good	Poor	Cat. 2	Cat. 2
MARACHA	2210	2400	2061	1957	109%	93%	89%	149	253	14%	18%	Good	Poor	Cat. 2	Cat. 2
NEBBI	3817	8990	3759	3862	236%	98%	101%	58	-45	58%	57%	Good	Poor	Cat. 2	Cat. 2
ZOMBO	2422	2946	2345	2897	122%	97%	120%	77	-475	20%	2%	Good	Poor	Cat. 2	Cat. 2
ADJUMANI	4297	1742	1471	1554	41%	34%	36%	2826	2743	16%	11%	Poor	Poor	Cat. 4	Cat. 4
MOYO	4781	1308	1004	1296	27%	21%	27%	3777	3485	23%	1%	Poor	Poor	Cat. 4	Cat. 4
YUMBE	6337	5004	5662	5512	79%	89%	87%	675	825	-13%	-10%	Poor	Poor	Cat. 4	Cat. 4
<b>NORTHERN REGION</b>	<b>39679</b>	<b>41,489</b>	<b>38,874</b>	<b>40,974</b>	<b>105%</b>	<b>98%</b>	<b>103%</b>	<b>805</b>	<b>-1295</b>	<b>6%</b>	<b>1%</b>	<b>Good</b>	<b>Good</b>	<b>Cat. 1</b>	<b>Cat. 1</b>
ALEBTONG	2509	3077	3012	3005	123%	120%	120%	-503	-496	2%	2%	Good	Good	Cat. 1	Cat. 1
AMURU	1974	1791	1781	1829	91%	90%	93%	193	145	1%	-2%	Good	Good	Cat. 1	Cat. 1
GULU	4381	5439	5221	5580	124%	119%	127%	-840	-1199	4%	-3%	Good	Good	Cat. 1	Cat. 1
NWOYA	597	1464	1368	1527	245%	229%	256%	-771	-930	7%	-4%	Good	Good	Cat. 1	Cat. 2
AGAGO	3383	3495	3572	3772	103%	106%	111%	-189	-389	-2%	-8%	Good	Poor	Cat. 2	Cat. 4
LIRA	4473	4638	4660	4971	104%	104%	111%	-187	-498	0%	-7%	Good	Poor	Cat. 2	Cat. 1
OTUKE	955	941	691	979	99%	72%	103%	264	-24	27%	-4%	Good	Poor	Cat. 2	Cat. 1
OYAM	4213	6229	4928	5787	148%	117%	137%	-715	-1574	21%	7%	Good	Poor	Cat. 2	Cat. 2
KITGUM	2769	2595	2783	2658	94%	100%	96%	-14	111	-7%	-2%	Good	Poor	Cat. 2	Cat. 4
AMOLATAR	1407	1028	822	894	73%	58%	64%	585	513	20%	13%	Poor	Poor	Cat. 4	Cat. 2
APAC	3875	3325	2940	2760	86%	76%	71%	935	1115	12%	17%	Poor	Poor	Cat. 4	Cat. 2
DOKOLO	2039	1694	1710	1514	83%	84%	74%	329	525	-1%	11%	Poor	Poor	Cat. 4	Cat. 3
KOLE	2576	2311	2078	2105	90%	81%	82%	498	471	10%	9%	Poor	Poor	Cat. 4	Cat. 2
LAMWO	1915	1682	1492	1613	88%	78%	84%	423	302	11%	4%	Poor	Poor	Cat. 4	Cat. 3
PADER	2614	1780	1816	1980	68%	69%	76%	798	634	-2%	-11%	Poor	Poor	Cat. 4	Cat. 4
<b>KARAMOJA REGION</b>	<b>14759</b>	<b>13,110</b>	<b>13,028</b>	<b>12,729</b>	<b>89%</b>	<b>88%</b>	<b>86%</b>	<b>1731</b>	<b>2030</b>	<b>1%</b>	<b>3%</b>	<b>Good</b>	<b>Poor</b>	<b>Cat. 2</b>	<b>Cat. 1</b>
ABIM	615	1279	948	899	208%	154%	146%	-333	-284	26%	30%	Good	Poor	Cat. 2	Cat. 2
AMUDAT	1295	689	726	871	53%	56%	67%	569	424	-5%	-26%	Good	Poor	Cat. 2	Cat. 4
KAABONG	4540	2545	2814	2402	56%	62%	53%	1726	2138	-11%	6%	Good	Poor	Cat. 2	Cat. 4
KOTIDO	2676	3003	3199	3133	112%	120%	117%	-523	-457	-7%	-4%	Good	Poor	Cat. 2	Cat. 2
MOROTO	1546	976	713	696	63%	46%	45%	833	850	27%	29%	Good	Poor	Cat. 2	Cat. 3
NAKAPIRIPIT	1839	2170	2300	2369	118%	125%	129%	-461	-530	-6%	-9%	Good	Poor	Cat. 2	Cat. 2
NAPAK	2248	2448	2328	2359	109%	104%	105%	-80	-111	5%	4%	Good	Poor	Cat. 2	Cat. 1
<b>SOUTH WESTERN REGION</b>	<b>45215</b>	<b>45,325</b>	<b>45,296</b>	<b>40,334</b>	<b>100%</b>	<b>100%</b>	<b>89%</b>	<b>-82</b>	<b>4881</b>	<b>0%</b>	<b>11%</b>	<b>Good</b>	<b>Good</b>	<b>Cat. 1</b>	<b>Cat. 2</b>
IBANDA	2815	2851	2715	2635	101%	96%	94%	100	180	5%	8%	Good	Good	Cat. 1	Cat. 2
ISINGIRO	4645	5270	4941	4295	113%	106%	92%	-296	350	6%	19%	Good	Good	Cat. 1	Cat. 2
MBARARA	4889	5360	5001	4419	110%	102%	90%	-112	470	7%	18%	Good	Good	Cat. 1	Cat. 2
BUSHENYI	2757	3033	2662	2327	110%	97%	84%	95	430	12%	23%	Good	Poor	Cat. 2	Cat. 1
KIRUHURA	3346	3919	4516	3369	117%	135%	101%	-1170	-23	-15%	14%	Good	Poor	Cat. 2	Cat. 1
KISORO	2771	2758	2878	2594	100%	104%	94%	-107	177	-4%	6%	Good	Poor	Cat. 2	Cat. 1
KABALE	5398	5055	5370	5345	94%	99%	99%	28	53	-6%	-6%	Good	Poor	Cat. 2	Cat. 3
MITOOMA	2155	2419	2585	2254	112%	120%	105%	-430	-99	-7%	7%	Good	Poor	Cat. 2	Cat. 4
NTUNGAMO	5280	4893	5395	4489	93%	102%	85%	-115	791	-10%	8%	Good	Poor	Cat. 2	Cat. 4
RUBIRIZI	1364	1561	1361	1370	114%	100%	100%	3	-6	13%	12%	Good	Poor	Cat. 2	Cat. 2
KANUNGU	2766	2450	2101	2015	89%	76%	73%	665	751	14%	18%	Poor	Poor	Cat. 4	Cat. 4
RUKUNGIRI	3505	3071	3278	2986	88%	94%	85%	227	519	-7%	3%	Poor	Poor	Cat. 4	Cat. 3

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