

Supplementary Table 1. Routine immunization service uptake by healthcare services, including the % difference between two similar seasons, and between two different seasons before and during the COVID-19 pandemic

Vaccine types	Healthcare sector	Total number of vaccines † March 2019- August 2019	Total number of vaccines § (March 2020- August 2020)	% Différence (95%CI) (T1 vs. Baseline 1)	Total number of vaccines † Sept 2019-Feb 2020	% Différence (95%CI) (T1 vs. Baseline 2)
BCG*						
	Hospitals	7422	6459	-12.90 (-13.7 to -12.2)	7851	-17.70 (-18.59 to -16.89)
	Health centers	17847	19640	10.04 (9.6 to 10.4)	18440	6.50 (6.15 to 6.87)
	Health posts	60591	68787	13.50 (13.5 to 13.8)	63703	7.98 (7.77 to 8.19)
	Total	85860	94886	10.50 (10.3 to 10.7)	89994	5.43 (5.28 to 5.58)
Pentavalent* (1st & 3rd dose)						
	Hospitals	9885	9523	-3.60 (-4.0 to -3.30)	11125	-14.40 (-15.06 to -13.75)
	Health centers	36066	38788	7.50 (7.2 to 7.8)	37359	3.82 (3.63 to 4.02)
	Health posts	121106	133861	10.50 (10.3 to 10.7)	128175	4.43 (4.32 to 4.55)
	Total	167,057	182,172	9.00 (8.9 to 9.1)	176659	3.12 (3.04 to 3.20)
PCV* (1st & 3rd dose)						
	Hospitals	9849	9528	-3.26(-3.64 to -2.92)	11072	-13.94 -14.60 to -13.30)
	Health centers	36051	38734	7.44 (7.17 to 7.71)	37519	3.23 (3.06 to 3.42)
	Health posts	120707	133682	10.70 (10.5 to 10.9)	127835	4.57 (4.46 to 4.69)
	Total	166607	181944	9.20 (9.0 to 9.3)	176426	3.12 (3.04 to 3.21)
Polio* (1st & 3rd dose)						
	Hospitals	9851	9423	-4.34 (-4.77 to -3.95)	10934	-13.81 (-14.48 to -13.18)
	Health centers	35922	38659	7.61 (7.34 to 7.89)	37385	3.40 (3.22 to 3.59)
	Health posts	120800	135055	11.80 (11.6 to 11.9)	127426	5.98 (5.85 to 6.11)
	Total	166573	183137	9.90 (9.8 to 10)	175745	4.20(4.11 to 4.30)
IPV*						
	Hospitals	4587	4536	-1.10 (-1.4 to -0.8)	5235	-13.35 (-14.3 to -12.4)
	Health centers	17489	18910	8.10 (7.7 to 8.5)	18437	2.56 (2.34 to 2.80)
	Health posts	59026	67095	13.60 (13.3 to 13.9)	62671	7.05 (6.86 to 7.26)
	Total	81102	90541	11.60 (11.4 to 11.8)	86343	4.86 (4.71 to 5.00)
Rotavirus* (1st & 2nd dose)						
	Hospitals	10141	9507	-6.20 (-6.7 to -5.7)	11064	-14.07 (-14.73 to -13.43)

	Health centers	35851	38476	7.30 (7.0 to 7.5)	36979	4.04 (3.85 to 4.25)
	Health posts	119533	133229	11.40 (11.2 to 11.6)	126801	5.06(4.94 to 5.19)
	Total	165525	181212	9.40 (9.3 to 9.6)	174844	3.64 (3.55 to 3.73)
1st dose of measles*						
	Hospitals	4379	4206	-3.90 (-4.5 to -3.4)	4566	-7.88 (-8.71 to -7.12)
	Health centers	16408	18008	9.70 (9.3 to 10.2)	16871	6.73 (6.36 to 7.13)
	Health posts	57939	64025	10.50 (10.2 to 10.7)	61084	4.81 (4.64 to 4.98)
	Total	78726	86239	9.50 (9.3 to 9.7)	82521	4.50 (4.36 to 4.64)
Total vaccine given						
	Hospitals	56114	53182	-5.2 (-5.4 to -5.0)	61847	-14.01 (-14.28 to -13.73)
	Health centers	195,634	211,215	7.96 (7.8 to 8.0)	202,990	4.05 (3.96 to 4.13)
	Health posts	659,702	735,734	11.5 (11.4 to 11.6)	697,695	5.45 (5.39 to 5.50)
	Total	911,450	1000131	9.72 (9.66 to 9.79)	962532	3.90 (3.86 to 3.94)
Complete vaccination***						
	Hospitals	4148	3970	-4.3 (3.7 to 4.9)	4260	-6.80 (-7.61 to -6.07)
	Health centers	16164	17668	9.3 (8.8 to 9.7)	16676	5.94 (5.59 to 6.32)
	Health posts	56916	62514	9.8 (9.5 to 10)	59791	4.55 (4.38 to 4.72)
	Total	77228	84152	8.9 (8.7 to 9.1)	80727	4.24 (4.10 to 4.38)

† Given immediately before outbreak: § During COVID-19 outcome: * Given for children under one year of age: *** Given all doses of vaccine by the

first birthday: BGC= Bacillus Calmette–Guérin (BCG) vaccine used against tuberculosis (TB); PCV= Pneumococcal vaccines.

Supplementary Table 2. Routine immunization service uptake 1 year before and during the COVID-19 pandemic, and post-lockdown Vs during lockdown distributed by healthcare facility and type of vaccination.

Vaccine	Healthcare sector	Total number of vaccines † Sept 2019-Feb 2020	Total number of vaccines § Sept 2020-Feb 2021 (T2)	% difference (95%CI) (T2 vs. Baseline 2)	% Difference (95%CI) of post-lockdown Vs during lockdown (T2 vs. T1)	Total number of vaccines † (One year before the pandemic)	Total number of vaccines § (1-yr during pandemic)	% Difference (95%CI) (1-yr during vs. before the pandemic)
BCG*								
	Hospitals	7851	8637	10.00 (9.3 to 10.7)	33.7(32.6 to 34.9)	15273	15096	-1.10 (-0.9 to -0.13)
	Health	18440	19326	4.80 (4.5 to 5.1)	-1.6(-1.8 to -1.4)	36287	38966	7.30 (7.1 to 7.6)
	Health	63703	69171	8.58 (8.36 to 8.80)	0.55(0.5 to 0.6)	124294	137958	10.90 (10.8 to 11.1)
	Total	89994	97134	7.93(7.75 to 8.11)	2.4(2.3 to 2.5)	175854	192020	9.10 (9.0 to 9.3)
Pentavalent* (1st &								
	Hospitals	11125	13446	20.80 (20.1 to 21.6)	41.2(40.2 to 42.2)	21010	22969	9.30 (8.9 to 9.7)
	Health	37359	38193	2.20 (2.0 to 2.3)	-1.5(-1.7 to -1.4))	73425	76981	4.80 (4.6 to 5.0)
	Health	128175	133358	4.40 (3.93 to 4.15)	-0.37(-0.4 to -0.3))	249281	267219	7.10 (7.0 to 7.2)
	Total	176659	184997	4.71 (4.62 to 4.81)	1.55(1.5 to 1.6)	343716	367169	6.80 (6.7 to 6.9)
PCV*(1st & 3rd dose)								
	Hospitals	11072	13198	19.20 (18.4 to 19.9)	38.5 (37.5 to 39.5)	20921	22726	8.60 (8.2 to 9.0)
	Health	37519	38137	1.640 (1.52 to 1.78)	-1.541(-1.7 to -1.4)	73570	76871	4.40 (4.3 to 4.6)
	Health	127835	133216	4.20 (4.1 to 4.3)	-0.349(-0.4 to -0.3))	248542	266898	7.30 (7.2 to 7.4)
	Total	176426	184551	4.60 (4.5 to 4.7)	1.433(1.4 to 1.5)	343033	366495	6.80 (6.7 to 6.9)
Polio*(1st & 3rd dose)								
	Hospitals	10934	13656	24.8 (24.0 to 25.7)	44.922(43.9 to 45.9)	20785	23079	11.0 (10.6 to 11.4)
	Health	37385	38130	1.99 (1.85 to 2.1)	-1.368(-1.3 to -1.5)	73307	76789	4.70 (4.5 to 4.9)
	Health	127426	132987	4.36 (4.25 to 4.47)	-1.531(-1.6 to -1.5)	248226	268042	7.90 (7.8 to 8.0)
	Total	175745	184773	5.10 (5.0 to 5.2)	0.893(0.9 to 0.9)	342318	367910	7.40 (7.3 to 7.5)
IPV*								
	Hospitals	5235	6424	22.70 (21.5 to 23.8)	41.623(40.2 to 43.1)	9822	10960	11.50 (10.9 to 12.2)
	Health	18437	18679	1.30 (1.1 to 1.4)	-1.222(-1.4 to -1.1)	35926	37589	4.60 (4.4 to 4.8)
	Health	62671	65352	4.20 (4.1 to 4.4)	-2.598 (-2.7 to -2.5)	121697	132447	8.80 (8.6 to 8.9)
	Total	86343	90455	4.70 (4.6 to 4.9)	-0.095(-0.1 to -0.1)	167445	180996	8.00 (7.9 to 8.2)
Rotavirus* (1st & 2nd)								
	Hospitals	11064	13320	20.40 (19.6 to 21.1)	40.107(39.1 to 41.1)	21205	22827	7.60 (7.2 to 8.0)
	Health	36979	37887	2.40 (2.3 to 2.6)	-1.531(-1.7 to -1.4)	72830	76363	4.80(4.6 to 5.0)
	Health	126801	132352	4.30 (4.2 to 4.4)	-0.658(-0.7 to -0.6)	246334	265581	7.80 (7.7 to 7.9)

	Total	174844	183559	4.90 (4.8 to 5.0)	1.295(1.2 to 1.3)	340369	364771	7.10 (7.0 to 7.2)
1st dose of measles*								
	Hospitals	4566	4791	4.90 (4.3 to 5.6)	13.909(12.9 to 15)	8945	8997	0.5 (0.4 to 0.7)
	Health	16871	17790	5.40 (5.1 to 5.8)	-1.211(-1.4 to -1.1)	33279	35798	7.5 (7.2 to 7.8)
	Health	61084	63719	4.30 (4.1 to 4.4)	-0.478(-0.5 to 0.4)	119023	127744	7.3 (7.1 to 7.4)
	Total	82521	86300	4.50 (4.4 to 4.7)	0.071(0.1 to 0.1)	161247	172539	7.0 (6.8 to 7.1)
Total vaccines given								
	Hospital	61847	73472	18.70 (18.4 to 19.1)	38.152(37.7 to 38.6)	117961	126654	5.30 (5.2 to 5.5)
	Health	202,990	208,142	2.50 (2.4 to 2.6)	-1.455(-1.5 to -1.4)	398,624	419,357	5.20 (5.13 to 5.27)
	Health	697,695	730155	4.60 (4.6 to 4.7)	-0.758(-0.8 to -0.7)	1357,397	1465889	7.99 (7.94 to 8.03)
	Total	962532	1011769	5.11 (5.07 to 5.15)	1.164(1.1 to 1.2)	1873982	2011900	7.35 (7.32 to 7.39)
Complete vaccination ¹								
	Hospital	4260	4471	4.90 (4.3 to 5.6)	12.620(11.6 to 13.7)	8408	8441	0.30 (0.2 to 0.5)
	Health	16676	17565	5.30 (5.0 to 5.6)	-0.583(-0.7 to -0.5)	32840	35233	7.28 (7.0 to 7.5)
	Health	59791	62644	4.70 (4.6 to 4.9)	0.208(0.2 to 0.2)	116707	125158	7.24 (7.07 to 7.39)
	Total	80727	84680	4.80 (4.7 to 5.0)	0.627(0.6 to 0.7)	157955	168832	6.88 (6.7 to 7.0)

† Given before outbreak: § During COVID-19 outcome: *Given for children under one year of age: *** Given all doses of vaccine by the first birthday:

BGC= Bacillus Calmette–Guérin (BCG) vaccine used against tuberculosis (TB), PCV= Pneumococcal vaccines

Supplementary Table 3. Paired t-test results comparing the mean bi-annually immunization uptake during the COVID-19 pandemic period (March 2020–February 2021) versus the pre-pandemic period (March 2019–February 2020) across different facility types (health centers, health posts, hospitals, and all facilities combined) in Sidama Regional State, Ethiopia

Facility		Mean difference of 1 st half of Pandemic (March-August 2020) vs same Pre-pandemic (March-August 2019)	P-value	Mean difference of 2 nd half of pandemic (Sept 2020-Feb 2021) vs same Pre-pandemic (Sept 2019-Feb 2020)	P-value	Mean difference of 1 st half of Pandemic (March-August 2020) vs immediate pre-pandemic (Sept 2019-Feb 2020)	P-value	Mean difference of 2 nd half (Sept 2020-Feb 2021) vs 1 st half (March-August 2020) of pandemic	P-value
	BCG	298.8	0.068	147.7	0.045	200.0	0.11	-52.3	0.677
Health center	PENTA1	199.7	0.026	41.7	0.207	108.2	0.308	-66.5	0.519
	PENTA3	254.0	0.032	97.3	0.016	130.0	0.3	-32.7	0.756
	PCV1	198.2	0.024	44.8	0.244	112.2	0.314	-59.7	0.536
	PCV3	249.0	0.032	88.2	0.02	120.3	0.344	-32.2	0.76
	OPV1	204.7	0.017	30.3	0.478	99.7	0.413	-69.3	0.477
	OPV3	251.5	0.029	93.8	0.02	112.7	0.36	-18.8	0.852
	IPV	236.8	0.07	40.3	0.336	78.8	0.581	-38.5	0.716
	Rota1	199.5	0.03	57.2	0.142	112.7	0.32	-55.5	0.593
	Rota2	238.0	0.025	-108.7	0.012	136.8	0.271	-42.7	0.698
	Measle1	266.7	0.021	153.2	0.031	189.5	0.178	-36.3	0.719
	Total	2596.8	0.015	888.7	0.031	1400.8	0.275	-512.2	0.627
	Complete	250.7	0.023	148.2	0.024	165.3	0.182	-17.2	0.856
Health post	BCG	1366.0	0.008	911.3	0.003	847.3	0.022	64.0	0.799
	PENTA1	1104.0	0.003	789.8	0.000	498.5	0.075	-92.8	0.73
	PENTA3	1021.8	0.007	458.2	0.009	449.2	0.093	9.0	0.974
	PCV1	1118.7	0.004	449.0	0.007	527.7	0.069	-78.7	0.769
	PCV3	1043.8	0.007	447.8	0.006	446.8	0.083	1.0	0.997
	OPV1	1076.0	0.003	443.3	0.009	529.7	0.046	-86.3	0.734

	OPV3	1299.8	0.005	483.5	0.004	741.8	0.009	-258.3	0.252
	IPV	1105.7	0.006	446.8	0.007	498.2	0.063	-51.3	0.846
	Rota1	1152.8	0.003	454.5	0.009	540.7	0.062	-86.2	0.752
	Rota2	1129.8	0.006	470.7	0.002	530.7	0.082	-60.0	0.813
	Measle1	1014.3	0.016	439.2	0.01	490.2	0.082	-51.0	0.864
	Total	12432.8	0.002	5410.0	0.004	6100.7	0.032	-690.7	0.79
	Complete	933.0	0.015	475.5	0.002	453.8	0.088	21.7	0.936
Hospital	BCG	-160.5	0.307	131.0	0.384	-232.0	0.232	363.0	0.009
	PENTA1	-33.8	0.57	163.7	0.244	-145.2	0.108	308.8	0.027
	PENTA3	-26.5	0.559	223.2	0.23	-121.8	0.151	345.0	0.037
	PCV1	-38.8	0.504	143.5	0.318	-146.0	0.095	289.5	0.047
	PCV3	-17.2	0.725	210.8	0.265	-113.8	0.184	324.7	0.052
	OPV1	-42.7	0.414	248.8	0.087	-126.8	0.16	375.7	0.007
	OPV3	-28.7	0.585	204.8	0.255	-125.0	0.144	329.8	0.035
	IPV	-8.5	0.868	198.2	0.291	-116.5	0.181	314.7	0.048
	Rota1	-45.7	0.427	150.5	0.289	-143.2	0.083	293.7	0.049
	Rota2	-51.7	0.339	225.5	0.265	-108.0	0.222	333.5	0.11
	Measle1	-28.8	0.628	37.5	0.251	-60.0	0.433	97.5	0.152
	Total	-482.8	0.449	1937.5	0.208	-1438.3	0.151	11544.3	0.000
	Complete	-29.7	0.573	35.2	0.373	-48.3	0.495	83.5	0.254
Total	BCG	1504.3	0.029	1190.0	0.006	815.3	0.105	374.7	0.343
	PENTA1	1269.8	0.007	611.0	0.016	461.5	0.246	149.5	0.628
	PENTA3	1249.3	0.013	778.7	0.009	457.3	0.245	321.3	0.271
	PCV1	1278.0	0.007	637.3	0.016	493.8	0.224	143.5	0.621
	PCV3	1275.7	0.013	746.8	0.011	453.3	0.24	293.5	0.283
	OPV1	1238.0	0.005	722.5	0.015	502.5	0.202	220.0	0.47
	OPV3	1522.7	0.006	771.2	0.015	729.5	0.02	52.7	0.685
	IPV	1334.0	0.015	685.3	0.02	460.5	0.26	224.8	0.425
	Rota1	1306.7	0.006	662.2	0.018	510.2	0.21	152.0	0.625
	Rota2	1316.2	0.009	790.3	0.022	559.5	0.18	230.8	0.42
	Measle1	1252.2	0.024	629.8	0.005	619.7	0.153	10.2	0.98

	Total	14546.8	0.006	8236.2	0.007	6063.2	0.144	2173.0	0.461
	Complete	1154.0	0.026	658.8	0.002	570.8	0.158	88.0	0.823

Supplementary Table 4. Paired t-test results comparing the mean monthly immunization uptake during the COVID-19 pandemic period (March 2020–February 2021) versus the pre-pandemic period (March 2019–February 2020) across different facility types (health centers, health posts, hospitals, and all facilities combined) in Sidama Regional State, Ethiopia.

Facility	Vaccine type	before pandemic	during pandemic	Mean diff	lower	upper	P-value for mean	Correlation(r)	P-value for r
	BCG	3023.9	3247.2	223.3	68.0	378.5	0.009	-0.063	0.847
Health center	PENTA1	3166.6	3287.3	120.7	30.3	211.0	0.013	0.605	0.037
	PENTA3	2952.2	3127.8	175.7	67.7	283.7	0.004	0.544	0.067
	PCV1	3165.2	3286.7	121.5	31.4	211.6	0.013	0.61	0.035
	PCV3	2950.7	3119.3	168.6	61.5	275.6	0.005	0.558	0.059
	OPV1	3160.5	3278.0	117.5	23.8	211.2	0.019	0.605	0.037
	OPV3	2948.4	3121.1	172.7	67.0	278.3	0.004	0.544	0.067
	IPV	2993.8	3132.4	138.6	6.3	270.8	0.042	0.359	0.251
	Rota1	3139.6	3267.9	128.3	37.5	219.2	0.01	0.633	0.027
	Rota2	2929.6	3095.7	166.1	67.7	264.5	0.003	0.579	0.048
	Measle1	2773.3	2983.2	209.9	103.1	316.7	0.001	0.697	0.012
	Total	33203.7	34946.4	1742.8	748.4	2737.1	0.003	0.613	0.034
	Complete	2736.7	2936.1	199.4	98.5	300.3	0.001	0.722	0.008
Health post	BCG	10357.8	11496.5	1138.7	732.0	1545.4	0.000	0.073	0.821
	PENTA1	10570.6	11325.4	754.8	418.2	1091.4	0.000	0.203	0.528
	PENTA3	10202.8	10942.8	740.0	409.6	1070.4	0.000	0.279	0.38
	PCV1	10556.8	11340.7	783.8	440.5	1127.2	0.000	0.168	0.603
	PCV3	10155.0	10900.8	745.8	409.2	1082.5	0.000	0.253	0.427
	OPV1	10523.8	11283.5	759.7	439.5	1079.9	0.000	0.237	0.458
	OPV3	10161.7	11053.3	891.7	487.2	1296.1	0.001	0.12	0.711
	IPV	10141.4	10917.7	776.3	425.1	1127.4	0.000	0.226	0.48

	Rota1	10468.8	11272.4	803.7	455.7	1151.6	0.000	0.197	0.539
	Rota2	10059.1	10859.3	800.3	450.3	1150.2	0.000	0.164	0.611
	Measle1	9918.6	10645.3	726.8	356.8	1096.7	0.001	0.303	0.339
	Total	113116.4	122037.8	8921.4	5441.4	12401.4	0.000	0.239	0.454
Hospital	Complete	9725.6	10429.8	704.3	382.3	1026.2	0.001	0.438	0.154
	BCG	1272.8	1258.0	-14.8	-243.0	213.5	0.889	-0.258	0.418
	PENTA1	927.7	992.6	64.9	-92.0	221.8	0.382	0.504	0.095
	PENTA3	823.2	921.5	98.3	-97.2	293.9	0.292	0.278	0.381
	PCV1	925.1	977.4	52.3	-106.8	211.5	0.484	0.436	0.157
	PCV3	818.3	915.2	96.8	-100.9	294.5	0.304	0.251	0.432
	OPV1	914.6	1017.7	103.1	-61.3	267.5	0.195	0.375	0.23
	OPV3	817.5	905.6	88.1	-103.3	279.5	0.333	0.264	0.407
	IPV	818.5	913.3	94.8	-101.1	290.7	0.309	0.228	0.476
	Rota1	918.8	971.2	52.4	-105.8	210.6	0.481	0.469	0.124
	Rota2	848.3	935.3	86.9	-129.2	303.0	0.395	0.374	0.231
	Measle1	745.4	749.8	4.3	-65.2	73.9	0.893	0.515	0.087
	Total	9830.1	10557.4	727.3	-1006.9	2461.5	0.376	0.375	0.229
	Complete	700.7	703.4	2.8	-64.8	70.3	0.93	0.517	0.085
Total	BCG	14654.5	16001.7	1347.2	752.2	1942.1	0.000	0.065	0.84
	PENTA1	14664.8	15605.3	940.4	528.5	1352.4	0.000	0.524	0.08
	PENTA3	13978.2	14992.2	1014.0	586.1	1441.9	0.000	0.56	0.058
	PCV1	14647.1	15604.8	957.7	539.1	1376.3	0.000	0.498	0.1
	PCV3	13924.0	14935.3	1011.3	566.5	1456.0	0.000	0.531	0.076
	OPV1	14598.9	15579.2	980.3	597.0	1363.5	0.000	0.589	0.044
	OPV3	13927.6	15080.0	1152.4	671.1	1633.8	0.000	0.416	0.179
	IPV	13953.8	14963.4	1009.7	522.6	1496.7	0.001	0.444	0.148
	Rota1	14527.1	15511.5	984.4	565.1	1403.7	0.000	0.529	0.077
	Rota2	13837.0	14890.3	1053.3	597.2	1509.3	0.000	0.474	0.12
	Measle1	13437.3	14378.3	941.0	462.7	1419.3	0.001	0.49	0.106
	Total	156150.2	167541.7	11391.5	7018.0	15765.0	0.000	0.538	0.071
	Complete	13162.9	14069.3	906.4	467.9	1344.9	0.001	0.558	0.06

Supplementary Table 5. Paired t-test result of mean quarterly immunization uptake difference of during the COVID-19 pandemic period (March 2020–February 2021) versus the pre-pandemic period (March 2019–February 2020) at health center, health posts, hospitals and total facility at Sidama regional state, Ethiopia.

Facility		Mean difference of Pandemic (March -May 2020) Vs Pre-pandemic (Mar–May 2019) (Q1)	P-value for Q1	Mean difference of Pandemic (Jun–Aug 2020) Vs Pre-pandemic (Jun–Aug 2019) (Q2)	P-value for Q2	Mean difference of Pandemic (): Sep–Nov 2020) Vs Pre-pandemic (. Sep–Nov 2019) (Q3)	P-value for Q3	Mean difference of Pandemic (Dec 2020–Feb 2021) Vs Pre-pandemic (Dec 2019–Feb 2020) (Q4)	P-value for Q4
Health center	BCG	172.7	0.442	425.0	0.147	140.3	0.235	155.0	0.234
	PENTA1	138.3	0.27	261.0	0.104	-3.3	0.923	86.7	0.128
	PENTA3	103.7	0.14	404.3	0.069	105.0	0.099	89.7	0.207
	PCV1	139.3	0.262	257.0	0.1	-21.3	0.397	111.0	0.071
	PCV3	103.0	0.152	395.0	0.07	94.7	0.118	81.7	0.219
	OPV1	147.3	0.212	262.0	0.087	-51.0	0.208	111.7	0.033
	OPV3	112.7	0.192	390.3	0.069	107.0	0.146	80.7	0.181
	IPV	97.3	0.439	376.3	0.132	-10.0	0.877	90.7	0.136
	Rota1	143.3	0.305	255.7	0.102	-3.0	0.926	117.3	0.063
	Rota2	160.7	0.316	315.3	0.071	65.0	0.178	123.3	0.161
	Measle1	188.0	0.272	345.3	0.076	108.0	0.228	198.3	0.147
	Total	1506.3	0.241	3687.3	0.039	531.3	0.206	1246.0	0.123
Health post	Complete	171.3	0.306	330.0	0.067	94.3	0.223	202.0	0.103
	BCG	880.7	0.07	1851.3	0.058	886.7	0.008	936.0	0.119
	PENTA1	865.3	0.035	1342.7	0.07	377.7	0.182	433.7	0.042
	PENTA3	705.7	0.076	1338.0	0.068	383.0	0.16	533.3	0.075
	PCV1	859.3	0.064	1378.0	0.067	389.7	0.157	508.3	0.058
	PCV3	726.7	0.064	1361.0	0.072	402.0	0.153	493.7	0.057

	OPV1	804.0	0.046	1348.0	0.052	397.7	0.192	489.0	0.048
	OPV3	1281.7	0.124	1318.0	0.061	398.7	0.164	568.3	0.008
	IPV	799.3	0.046	1412.0	0.074	366.0	0.145	527.7	0.067
	Rota1	907.7	0.038	1398.0	0.069	405.0	0.208	504.0	0.04
	Rota2	801.3	0.051	1458.3	0.068	392.0	0.142	549.3	0.003
	Measle1	610.3	0.203	1418.3	0.058	480.3	0.083	398.0	0.166
	Total	9242.0	0.034	15623.7	0.043	4878.7	0.12	5941.3	0.053
	Complete	572.7	0.189	1293.3	0.064	455.3	0.04	495.7	0.082
Hospital	BCG	-325.7	0.309	4.7	0.973	-61.7	0.784	323.7	0.14
	PENTA1	-27.0	0.793	-40.7	0.681	54.0	0.534	273.3	0.379
	PENTA3	-29.0	0.714	-24.0	0.748	52.0	0.591	394.3	0.334
	PCV1	-24.7	0.806	-53.0	0.581	15.0	0.889	272.0	0.377
	PCV3	-29.3	0.734	-5.0	0.949	29.3	0.779	392.3	0.34
	OPV1	-23.7	0.811	-61.7	0.411	44.7	0.663	453.0	0.082
	OPV3	-38.7	0.61	-18.7	0.853	29.7	0.765	380.0	0.33
	IPV	-30.3	0.705	13.3	0.883	14.0	0.88	382.3	0.351
	Rota1	-20.3	0.835	-71.0	0.455	41.3	0.678	259.7	0.404
	Rota2	-90.7	0.414	-12.7	0.826	22.3	0.701	428.7	0.338
	Measle1	-42.0	0.543	-15.7	0.9	13.0	0.821	62.0	0.19
	Total	-681.3	0.552	-284.3	0.776	253.7	0.81	3621.3	0.257
	Complete	-56.7	0.478	-2.7	0.978	12.0	0.82	58.3	0.443
Total	BCG	727.7	0.346	2281.0	0.048	965.3	0.1	1414.7	0.077
	PENTA1	976.7	0.047	1563.0	0.097	428.3	0.259	793.7	0.052
	PENTA3	780.3	0.071	1718.3	0.082	540.0	0.19	1017.3	0.039
	PCV1	974.0	0.074	1582.0	0.09	383.3	0.297	891.3	0.025
	PCV3	800.3	0.063	1751.0	0.087	526.0	0.202	967.7	0.055
	OPV1	927.7	0.05	1548.3	0.071	391.3	0.317	1053.7	0.002
	OPV3	1355.7	0.113	1689.7	0.083	535.3	0.207	1029.0	0.073
	IPV	866.3	0.062	1801.7	0.103	370.0	0.287	1000.7	0.037
	Rota1	1030.7	0.053	1582.7	0.094	443.3	0.301	881.0	0.038
	Rota2	871.3	0.094	1761.0	0.068	479.3	0.188	1101.3	0.095

	Measle1	756.3	0.259	1748.0	0.081	601.3	0.121	658.3	0.062
	Total	10067.0	0.064	19026.7	0.056	5663.7	0.204	10808.7	0.015
	Complete	687.3	0.283	1620.7	0.082	561.7	0.082	756.0	0.044