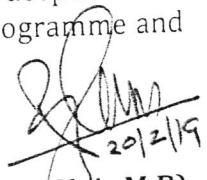


**Ministry of Health & Family welfare
(Procurement - I Section)**

The details of projection of Vaccines, syringes and Contraceptives for the next 5 years is enclosed under Universal Immunization Programme and Family Welfare Programme.


20/2/19
(Rajendran Nair M.B)
(Under Secretary)

Encl : Projection of vaccine, Syringes and contraceptive for 5 years

Projection of vaccine for next 5 years

Sl. No.	Name of vaccine	2019-20	2020-21	2021-22	2022-23	2023-24
1	BCG	700.0	700.0	700.0	700.0	700.0
2	bOPV (RI)	1400.0	1400.0	1400.0	1400.0	1400.0
3	bOPV (PP)	4250.0	4250.0	4250.0	4250.0	4250.0
4	DPT	432.0	450.0	450.0	450.0	450.0
5	Hep-B	150.0	150.0	150.0	150.0	150.0
6	HPV	0.0	0.0	59.3	59.3	59.3
7	IPV	110.0	110.0	110.0	110.0	110.0
8	JE-Live (RI)/JE Killed	757.4	302.4	302.4	302.4	302.4
9	MR (RI)	720.0	720.0	720.0	720.0	720.0
10	PCV	0.0	0.0	240.0	240.0	240.0
11	Pentavalent	750.0	750.0	800.0	800.0	800.0
12	RVV (Rotavac)/ (Rotasiil)	721.9	831.0	1057.0	1057.0	1057.0
13	Td	780.0	780.0	780.0	780.0	780.0

tOPV/bOPV	<i>There were two types of OPV used under programme till 2016. As a part of Global Polio Endgame Strategy, the use of tOPV was withdrawn in 2016. In continuation to the same, eventually all types of OPV will be withdrawn. Thus, requirement of OPV given above may change.</i>
JE vaccine	<i>The trend of JE vaccine cannot be anticipated since new districts are identified with time along with areas for adult JE vaccination which is one-time requirement as campaign and does not include under Routine Immunization vaccination.</i>
Rotavirus	<i>The requirement for RVV are as per the planned phase-wise introduction and expansion. Thus, the trend may change.</i>
PCV	<i>Requirement of PCV vaccine is projected for existing states after GAVI support which is to be end in Mar'21. Requirement vary in event of nationwide expansion of the vaccine subject to available production capacity of manufacturer.</i>
Note: requirement of vaccines has been calculated taking into account the same beneficiary load for next. Therefore, requirements are subject to change in event of change in beneficiary load.	

Dated: 22/01/2019

Projection of syringes for next 5 years

Sl. No.	Typers of Syringes	2020-21	2021-22	2022-23	2023-24
1	0.1 ml AD	825	825	825	825
2	0.5ml AD	3152	3242	3242	3242
3	5ml disposable	215.34	215.34	215.34	215.34

JE vaccine	<i>The trend of JE vaccine cannot be anticipated since new districts are identified with time along with areas for adult JE vaccination which is one-time requirement as campaign and does not include under Routine Immunization vaccination. Hence, the trend for requirement of 0.5 ml AD syringes and 5 ml Disposable syringes may change accordingly</i>
PCV	<i>The requirement for PCV vaccine are as per the planned phase-wise introduction and expansion. Thus, the trend for 0.5 ml requirement may change, if PCV is scaled up.</i>
MR Vaccine	<i>The projection of 5ml Syringe for MR vaccine has been anticipated for 5 dose per vial. If the doses per vial change to 10 doses in future accordingly the projection for 5 ml syringes may change</i>

5 Years Demand Estimation of Contraceptives

Commdities	Projection of Contraceptives				
	2019-20	2020-21	2021-22	2022-23	2023-24
Condom (m.pcs.)	378.12	397.03	416.88	437.72	459.61
OCP (l.cycles)	591.65	650.82	683.36	717.52	753.40
ECP (l.tabs.)	195.75	215.33	226.09	237.40	249.27
Chhaya (l.strips)	142.25	156.48	164.30	172.51	181.14
IUCD (l.pcs.)	87.73	96.50	101.33	106.39	111.71
Tubal Ring (l.pairs)	18.8	20.68	21.71	22.80	23.94
Antara (l.doses)	31.54	34.69	38.16	41.98	46.18
PTK (l.kits)	293.28	322.61	338.74	355.68	373.46