### Highlights of Polio Fax Bulletin No. 1170 for Week 09\_2021

#### I. Salient features this week

- 1. Polio eradication teams at the Regional and Country levels continue to contribute to the COVID19 Response, particularly in areas of surveillance (field and laboratory), data analysis, communications and coordination.
- 2. No new wild poliovirus cases reported this week, but two new positive environmental samples collected in 2021 from Pakistan were reported.
- 3. No new cVDPV1 cases reported this week.
- 4. Eight new cVDPV2 cases all from Afghanistan, one reported in 2020 and seven in 2021 in addition to seven new cVDPV2 positive environmental samples all collected in 2021 from Afghanistan (1), Egypt (2) and Pakistan (4) were reported this week.

### II. Wild Poliovirus Type-1 (WPV1) Transmission

WPV1 transmission continues though restricted globally to only two countries in the EMR namely Pakistan and Afghanistan – the remaining polio endemic countries in the world.

As of week 10 of 2021, two WPV1 cases were reported [46 in the same period in 2020; Afghanistan – 8, Pakistan - 38].

a. *Human samples*: No new wild poliovirus cases reported this week, but three positive environmental samples reported from Pakistan collected in 2021.

### **Afghanistan:**

In 2021 to date, *1 WPV1* case has been reported so far from Southeast Region with onset of paralysis *1 January 2021*. In 2020, *56 WPV1 cases* have been reported: 38 cases from South Region; 8 from West Region; 6 from Southeast Region; 2 from East Region; and one each from North and Badakhshan Regions. *The most recent case has onset of paralysis on 19 October 2020*.

#### Pakistan:

In 2021 to date, **1 WPV1** case has been reported so far from Balochistan province with date of onset **27 January 2021.** In 2020, **84 WPV1** cases are reported, 26 from Balochistan province, 22 cases each from Khyber Pakhtunkhwa (KP) and Sindh provinces, and 14 from Punjab. **The most recent case has onset of paralysis on 23 November 2020**.

- b. Environmental samples: Two new WPV1 positive environmental samples from Pakistan in 2021 reported this week.
- Afghanistan: In 2021 to date, there are no wild poliovirus positive environmental samples reported.
   In 2020, there are 35 WPV1 positive environmental samples including seven combined (WPV1 and cVDPV2) with most recent sample collected on 6 December 2020.
- Pakistan: In 2021, there are 40 WPV1 positive environmental samples (including 9 mixture of WPV1 and cVDPV2 and 4 mixture of WPV1 and aVDPV2) with most recent sample collected on 2 March 2021.
   In 2020, there are 434 WPV1 positive environmental samples including 91 mixture of WPV1 and cVDPV2 and 6 mixtures of WPV1 and aVDPV2. Most recent positive sample collected on 28 December 2020.
- III. Vaccine Derived Polioviruses (VDPVs): Eight new cVDPV2 cases reported (1 in 2020 and 7 in 2021) all from Afghanistan; seven new cVDPV2 positive environmental samples all collected in 2021 from Afghanistan (1), Egypt (2) and Pakistan (4) are all reported this week. In addition, one earlier reported VDPV2 positive environmental sample from Egypt in 2021 was finally classified as cVDPV2.

In 2021, 24 cVDPV2 cases were reported (Afghanistan 18 and Pakistan 6). In 2020, a total of 29 cVDPV1 cases reported from Yemen and a total number of 515 cVDPV2 cases (308 from Afghanistan, 135 from Pakistan, 14 from Somalia and 58 from Sudan).

- 1. Outbreaks: Six countries have VDPVs outbreaks, five with cVDPV2 and one with cVDPV1.
  - <u>Afghanistan</u>: Eight new cVDPV2 cases (one in 2020 and seven in 2021) reported this week and one new positive environmental sample collected in 2021.
  - The eight newly reported cVDPV2 cases are: one from South Region (Kandahar province) with date of onset on 11 December 2020, and seven cVDPV2 cases in 2021 three from South East Region (all from Ghazni province) and two each from West Region (Badghis province) and South Region (Kandahar and Zabul provinces). The dates of onset of the 2021 cases vary between 4 January to 16 February 2021.
  - In 2021 to date, there are **18** cVDPV2 cases: Seven from West Region, five each from South and South East Regions and one from North Region. The most recent case had onset on **16** February **2021**.

In 2020, there are **308 cVDPV2** cases; 145 from South Region, 70 reported from East Region, 34 from Southeast Region, 30 from West Region, 17 from Central Region, seven from North Region, four from Northeast Region and one from Badakhshan Region. **The most recent case had onset on 30 December 2020**.

Environment: In 2021 to date, there are **20** cVDPV2 positive environmental samples reported with **most recent** sample collected on 6 February 2021.

In 2020, **174** cVDPV2 positive environmental samples including 7 mixture of WPV1 and cVDPV2 were reported. The *most recent cVDPV2 positive environmental sample was collected on 27 December 2020.* 

**Egypt:** Two new cVDPV2 positive environmental sample were collected from Qena and Alexandria provinces with collection dates on 23 and 25 February 2021 respectively.

In 2021, *nine* cVDPV2 positive samples collected two each from Aswan, Qena and Alexandria province and one each from Beni Suef, Kafr El Sheikh and Giza provinces. The samples are genetically related with each other and belong to CHA-NDG-1 emergence (importation from Sudan/Chad). *Date of the recent most VDPV2 positive environmental sample is 25 February 2021.* 

<u>Pakistan</u>: No new VDPV cases, but four new cVDPV2 positive environmental samples were reported this week. In 2021, there is *six* cVDPV2 cases reported two each from Sindh and Balochistan provinces and one each from KP and Punjab provinces with *most recent onset on 14 January 2021*. In 2020, there are *135* cVDPV2 cases reported: 45 from Sindh province, 42 from KP, 25 from Punjab and 23 from Balochistan, with *most recent case's onset on 24 December 2020*.

*Environment*: In 2021 to date; there are **18** cVDPV2 positive samples including nine mixture of WPV1 and cVDPV2 with *most recent sample collected on 16 February 2021*.

In 2020, there are **135** cVDPV2 positive environmental samples (including 91 mixture of WPV1 and cVDPV2), the **most recent sample collected on 28 December 2020**.

**SOMALIA**: No new VDPV cases or positive environmental samples reported this week.

In 2020 to date, **14** cVDPV2 cases reported, seven from Banadir province, two from Bay and one each from Lower Juba, Middle Shabelle, Galbeed, Hiran and Awdal provinces, with **most recent date of onset 25 October 2020**. Also, there are **26** cVDPV2 positive environmental samples reported, the most recent collected on 24 October 2020.

**SUDAN**: No new VDPV cases or positive environmental samples reported this week.

In 2020 to date, **58** cVDPV2 cases reported. **The most recent case has onset of paralysis on 18 December 2020.** A total of **14** environmental samples have been positive for cVDPV2 so far, all from Khartoum with most recent collection on 9 November 2020.

**YEMEN**: No new VDPV cases reported this week.

In 2020, **29** cVDPV1 cases are reported. 28 cases are from Saadah province and 1 case from Sana'a City province. **The most recent case has onset of paralysis on 25 September 2020.** 

2. <u>VDPV Events:</u> There is one country having an Event due to VDPV2. <u>Response per WHO's SOPs are ongoing.</u>
<u>Iran:</u> In 2020, Iran reported 3 cVDPV2 positive environmental samples, one from Zaboul district (Zaboul site) and two from Zehedan district (Shirabad site), Sistan & Balochistan province. The isolates are genetically related with earlier viruses seen in Afghanistan and Pakistan. *Date of most recent sample collection is 25 December 2020.* 

#### IV. Surveillance performance indicators

In 2020, 14 out of 22 member states are meeting the global target of both key surveillance indicators: non polio AFP rate of 2/100,000 children aged below 15 years and percent AFP cases with adequate specimen 80% and above.

- Morocco and Tunisia are missing both indicators as their non-polio AFP rates are 0.9 and 1.3 and their percentage of AFP cases with adequate stool specimens is 70.9%, and 57.9%, respectively.
- Djibouti, Jordan, Oman, Palestine and United Arab Emirates have a non-polio AFP rate of 1.4, 0.8, 1.9, 0.9 and 1.5 respectively.
- Qatar has AFP cases with adequate stool specimens is 33.3%.

Week 10, ending 14 March 2021

15-Mar-21 Number 1171

Table 1: Acute Flaccid Paralysis (AFP) cases by week of onset

	Reported AFP cases by week of onset - Week (10/21) / Ending on : 14/03/2021														
Country	Total AFP 2019	Total AFP 2020	Total AFP to date, 2021	W52 27 Dec 20	W53 03 Jan 21	W01 10 Jan 21	W02 17 Jan 21	W03 24 Jan 21	W04 31 Jan 21	W05 07 Feb 21	W06 14 Feb 21	W07 21 Feb 21	W08 28 Feb 21	W09 7 Mar 21	W10 14 Mar 21
Afghanistan	3768	3972	721	60	71	90	90	65	61	83	81	79	67	57	7
Bahrain	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0
Djibouti	5	5	2	0	0	0	0	2	0	0	0	0	0	0	0
Egypt	1343	1009	176	9	12	12	13	29	21	27	23	15	22	5	
Iran	1070	618	83	13	25	11	13	12	18	9	6	0			
Iraq	1157	476	160	11	12	16	24	27	18	16	14	16	9	12	
Jordan ****	113	32	2	0	0	1	0	0	1	0	0	0	0		
Kuwait	48	36	6	1	0	2	0	1	2	1	0	0	0	0	
Lebanon ****	87	49	5	0	1	1	0	1	0	0	2	0	0	0	
Libya	107	95	9	0	1	0	1	1	1	1	1	3	0	0	
Morocco	247	86	7	0	0	0	0	2	0	1	2	2			
Oman	30	22	1	1	0	0	0	1	0	0	0	0	0	0	
Pakistan	15218	11952	1880	204	196	262	224	219	208	209	235	228	162	42	0
Palestine ****	62	16	3	0	1	0	1	0	0	1	0	0	0	0	
Qatar	9	9	0	0	0	0	0	0	0	0	0	0	0	0	
Saudi Arabia	236	200	35	6	6	6	7	2	6	1	9	2	0	0	0
Somalia	361	376	55	4	2	4	3	10	11	9	8	6	3	0	0
Sudan	608	733	115	14	14	17	10	16	12	16	9	9	12	4	
Syria ****	377	343	54	6	0	3	6	3	7	7	5	6	9	7	1
Tunisia	79	38	2	0	2	0	0	0	0	0	0	0	0	0	
U.A.E	50	19	2	0	0	1	1	0	0	0	0	0			
Yemen	779	825	144	13	14	14	14	12	23	18	13	17	17	8	1
Total EMR	25771	20926	3462	342	357	440	407	403	389	399	408	383	301	135	9

No data = No report received

Table 2: Confirmed polio cases by month of onset

Table 2: Confirm		o cases n														
	2019	020	14/0	)3				Confir	ned po	lio cas	es by n	nonth c	of onse	t		
Country	Total year 20	Total year 2020	2020	2021	April 2020	May 2020	June 2020	July 2020	Augsut 2020	September 2020	October 2020	November 2020	December 2020	January 2021	February 2021	March 2021
Afghanistan	29	56	8	1	0	12	10	7	6	6	3	0	0	1		
Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Djibouti	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
Egypt	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0			
Iraq	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Jordan ****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lebanon ****	0	0	0	0	0	0	0	0	0	0	0	0	0			
Libya	0	0	0	0	0	0	0	0	0	0	0	0	0			
Morocco	0	0	0	0	0	0	0	0		0			0			
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pakistan	147	84	38	1	6	6	6	6	5	7	4	2	0	1		
Palestine ****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Qatar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Saudi Arabia	0	0	0	0	0	0	0	0	0	0	0	0	0			
Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0			
Syria ****	0	0	0	0	0	0	0	0	0	0	0	0	0			
Tunisia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U.A.E	0	0	0	0	0	0	0	0	0	0		0	0			
Yemen	0	0	0	0	0	0	0	0	0							
Total EMR	176	140	46	2	6	18	16	13	11	13	7	2	0	2	0	0

<sup>\*\*\*\*</sup> UNRWA cases are included with those of country of residence

Week 09, ending 7 March 2021

8-Mar-21 Number 1170

Table 3: Investigation of AFP cases with paralysis onset in 2020 & 2021 up to Week (09/21) / Ending on : 07/03/2021)

		2020											•	,,			2021								
					AFP	ı				Specimen		cases ***					AFF	)				Specimen	Wi cas	ses	
	20		Case	e class	ification			from	90 /sis				21		Case	classif	ication		Р	from	0 sis				
COUNTRY	Total AFP cases onset 2020	Total Confirmed Polio Cases *	Polio Compatible	Pending Classification	Discarded (non polio AFP)	VDPV	Non polio AFP rate **	AFP cases pending classification > 90 days fro onset of paralysis	ses pending on and lab > nset of paraly	% with *** adequate specimens	Wild P1 Poliovirus	Wild P3 Poliovirus	Total AFP cases onset 2021	Total Confirmed Polio Cases *	Polio Compatible	Pending Classification	Discarded (non polio AFP)	VDPV	Annualized Non polio AFP rate **	AFP cases pending classification > 90 days fro onset of paralysis	AFP cases pending classification and lab > 90 days from onset of paralysis	% with *** adequate specimens	Wild P1 Poliovirus	Wild P3 Poliovirus	Latest line List Date
Afghanistan	3972	56	1	27	3576	315	18.5	16	0	92.6	56	0	721	1	0	189	513	18	17.1	0	0	94.6	1	0	14/03/2021
Bahrain	15	0	0	0	15	0	5.0	0	0	93.3	0	0	0	0	0	0	0	0	0.0	0	0		0	0	14/03/2021
Djibouti	5	0	0	0	5	0	1.4	0	0	100.0	0	0	2	0	0	2	0	0	2.7	0	0	100.0	0	0	14/03/2021
Egypt	1009	0	0	8	1001	0	2.6	5	0	94.6	0	0	176	0	0	56	120	0	2.2	0	0	77.8	0	0	11/03/2021
Iran	618	0	0	0	618	0	3.0	0	0	98.5	0	0	83	0	0	30	53	0	2.0	0	0	95.2	0	0	27/02/2021
Iraq	476	0	0	0	476	0	2.9	0	0	93.3	0	0	160	0	0	32	128	0	5.0	0	0	98.1	0	0	13/03/2021
Jordan	32	0	0	0	32	0	0.8	0	0	96.9	0	0	2	0	0	0	2	0	0.3	0	0	100.0	0	0	28/02/2021
Kuwait	36	0	0	0	36	0	4.1	0	0	91.7	0	0	6	0	0	2	4	0	3.4	0	0	100.0	0	0	07/03/2021
Lebanon	49	0	0	3	46	0	2.6	2	0	89.8	0	0	5	0	0	4	1	0	1.3	0	0	100.0	0	0	12/03/2021
Libya	95	0	0	0	94	1	3.6	0	0	100.0	0	0	9	0	0	8	1	0	1.7	0	0	100.0	0	0	13/03/2021
Morocco	86	0	0	25	61	0	0.9	25	4	70.9	0	0	7	0	0	7	0	0	0.3	0	0	57.1	0	0	26/02/2020
Oman	22	0	0	0	22	0	1.9	0	0	100.0	0	0	1	0	0	0	1	0	0.4	0	0	100.0	0	0	08/03/2021
Pakistan	11952	84	21	162	11545	142	15.2	103	0	85.5	84	0	1880	1	0	459	1411	9	12.1	0	0	86.7	1	0	14/03/2021
Palestine	16	0	0	3	13	0	0.9	2	0	100.0	0	0	3	0	0	3	0	0	0.8	0	0	100.0	0	0	02/03/2021
Qatar	9	0	0	6	3	0	2.1	6	0	33.3	0	0	0	0	0	0	0	0	0.0	0	0		0	0	07/03/2021
Saudi Arabia	200	0	0	0	200	0	2.4	0	0	96.0	0	0	35	0	0	35	0	0	2.1	0	0	94.3	0	0	14/03/2021
Somalia	376	0	0	5	356	15	4.7	4	1	94.7	0	0	55	0	0	40	15	0	3.4	0	0	94.5	0	0	14/03/2021
Sudan	733	0	0	0	675	58	3.8	0	0	92.9	0	0	115	0	0	39	76	0	3.0	0	0	98.3	0	0	11/03/2021
Syria	343	0	0	0	343	0	4.3	0	0	91.0	0	0	54	0	0	22	32	0	3.4	0	0	94.4	0	0	13/03/2021
Tunisia	38	0	0	0	38	0	1.3	0	0	57.9	0	0	2	0	0	0	2	0	0.4	0	0	50.0	0	0	12/03/2021
U.A.E	19	0	0	0	19	0	1.5	0	0	100.0	0	0	2	0	0	2	0	0	0.8	0	0	100.0	0	0	25/02/2021
Yemen	825	0	1	71	724	29	5.9	42	25	88.7	0	0	144	0	0	142	2	0	5.1	0	0	92.4	0	0	14/03/2021
EMR	20926	140	23	310	19898	560	8.0	205	30	88.6	140	0	3462	2	0	1072	2361	27	6.7	0	0	89.6	2	0	
2019	25771	176	7	0	25559	29	10.2	0	0	89.5	176	0													

<sup>\*</sup> Confirmed polio cases refer to wild isolation from AFP cases or from contacts of negative index AFP cases

<sup>\*\*</sup> Non-polio AFP per 100,000 children <15 years

<sup>\*\*\*</sup> Adequate here refers to two stool specimens collected at least 24 hours apart, within 14 days of paralysis onset and specimens received in the lab in Good Condition

<sup>\*\*\*\*</sup> AFP cases co infected with P1 and P3 are counted seperately as wild isolates

Week 10, ending 14 March 2021

15-Mar-21

Number 1171

	2020								20	021		
COUNTRY	# OF			LAB RESULTS			# OF			LAB RESULTS		
	CONTACTS	WILD	VDPV	SL	NPEV	PENDING	CONTACTS	WILD	VDPV	SL	NPEV	PENDING
AFG	1252	14	79	52	270	0	337	0	8	34	40	40
BAH	1	0	0	0	0	0	0	0	0	0	0	0
DJI	2	0	0	0	0	0	0	0	0	0	0	0
EGY	330	0	0	12	32	8	84	0	0	2	10	15
IRN	46	0	0	0	0	0	4	0	0	0	0	0
IRQ	168	0	0	4	10	0	37	0	0	3	3	4
JOR	0	0	0	0	0	0	0	0	0	0	0	0
KUW	0	0	0	0	0	0	0	0	0	0	0	0
LEB	5	0	0	0	0	0	0	0	0	0	0	0
LIB	19	0	0	0	0	0	0	0	0	0	0	0
MOR	8	0	0	0	0	4	5	0	0	0	0	5
OMA	64	0	0	2	8	1	0	0	0	0	0	0
PAK	4654	21	19	379	788	2	897	0	1	94	91	100
PAL	0	0	0	0	0	0	0	0	0	0	0	0
QAT	0	0	0	0	0	0	0	0	0	0	0	0
SAA	18	0	0	0	0	6	5	0	0	0	0	5
SOM	1108	0	10	19	149	26	168	0	0	0	4	114
SUD	364	0	18	2	8	242	32	0	0	0	0	27
SYR	280	0	0	11	15	0	6	0	0	0	0	3
TUN	6	0	0	0	0	2	1	0	0	0	0	1
UAE	0	0	0	0	0	0	0	0	0	0	0	0
YEM	230	0	0	0	29	58	59	0	0	0	2	56
EMR	8555	35	126	481	1309	349	1635	0	9	133	150	370

Table 4 (B): Most recent wild contacts in EMRO, 2020-2021

		Da	ata
Year	Country	Count of wild contacts	Date of Most Recent stool collection
2020	Afghanistan	14	26/Jul/20
2020	Pakistan	21	14/Dec/20
2020	) Total	35	14/Dec/20

Table 4 (C): Number of distribution by district of -ve index AFP cases identified as wild positive by contact in EMR, 2020-2021

YEAR	COUNTRY	PROVINCE	DISTRICT	COUNT	First case	Last case
	AFG	KANDAHAR	NESH	1	23-May-20	23-May-20
		HILMAND	WASHER	1	04-Jan-20	04-Jan-20
		NIMROZ	KHASHROD	1	28-Feb-20	28-Feb-20
		FARAH	ANARDARA	1	06-May-20	06-May-20
2020	PAK	BALOCHISTAN	KSAIFULLAH	1	01-Sep-20	01-Sep-20
2020		PUNJAB	LAHORE	1	24-Jul-20	24-Jul-20
			DG KHAN	2	18-Jan-20	05-Jul-20
		KHYBER PAKHTUNKHWA (KP)	KARAK	1	20-Jan-20	20-Jan-20
		SINDH	JACOBABAD	2	07-Feb-20	14-Jul-20
	2020 Total			11	04-Jan-20	01-Sep-20

## World Health Organization – Regional Office for Eastern Mediterranean

AFP SURVEILLANCE

Week 10, ending 14 March 2021

15-Mar-21 Number 1171

Table 5:

Laboratory investigation of AFP cases with paralysis onset in 2020 up to Week (10/2021) / Ending on : (14/03/2021)

Table 5:	-		_			_				u. u.,	0.0				_		_	10/2021)		9 0.	(, 0					
Country	Polio laboratories	<b>"</b>			virus is	olation re	sults of AFI	P cases										on results #					Indi	icators		
		mens	Referre	ed for ITD	_		Pe	nding I		Type 1			Туре	2		Type 3						for	e le	sults	sults	<u>e</u>
	ITD / Nucleotide Sequencing (Nucleotide Sequencing performed by EGY, PAK, TUN, CDC and RIVM laboratories)	AFP cases with speci	L20B+	L20B+/NPEV	NPEV only	Negative	received < /= 14 days	received > 14 days ago	Mild	Sabin	VDPV	Niid	Sabin	VDPV	Wild	Sabin	VDPV	Discordant pending sequence	NPEV by PCR	Non-EV	Pending ITD	% specimens positive f NPEV*	% AFP cases with cultur results within 14 days	% AFP cases with ITD res within 7 days	% AFP cases with ITD results within 45 days of onset**	Latest report Date
Afghanistan	RRL Pakistan	702	89	8	62	407	93	1	1	20			44	18		26					9	10%	100%	100%	99%	14/03/2021
Bahrain	NPL Oman / CDC																									08/03/2021
Djibouti	NPL Kenya / CDC	2						2																		14/03/2021
Egypt***	RRL Egypt	186	1		19	115	45	6		1												10%	100%	100%	100%	11/03/2021
Iran	NPL Iran / CDC	130	6		3	102	11	8					6									2%	99%	100%	100%	06/03/2021
Iraq	RRL Egypt	158			8	125	25															6%	100%		99%	12/03/2021
Jordan	NPL Jordan / RRL EGYPT	2			1	1																50%	100%		100%	14/03/2021
Kuwait	RRL Kuwait / RIVM	7				6	1															0%	100%		100%	13/03/2021
Lebanon	NPL Jordan / RRL EGYPT	3				3																0%	100%			14/03/2021
Libya	RRL Tunisia / RIVM	1						1																		15/02/2021
Morocco	NPL Morocco / RRL Tunisia	5				2		3														0%	100%		100%	05/03/2021
Oman	NPL Oman / CDC	1				1																0%	100%		100%	08/03/2021
Pakistan	RRL Pakistan	1837	164	16	210	1190	241	7	1	50			111	8		47					5	10%	100%	100%	99%	14/03/2021
Palestine & UNR	WA	3				3																0%	0%		100%	02/03/2021
Qatar	NPL Oman / CDC																									08/03/2021
Saudi Arabia	NPL Saudi Arabia / CDC	34				33		1														0%	100%		100%	07/03/2021
Somalia	NPL Kenya / CDC	55			1	14		40														7%	13%		100%	14/03/2021
Sudan	NPL Sudan / RRL Egypt	116			12	77	26	1														12%	100%			11/03/2021
Syria	NPL Syria / RRL Egypt	52				33	18	1														0%	100%			13/03/2021
Tunisia	RRL Tunisia	3				3																0%	100%		100%	15/02/2021
U.A.E	NPL Oman / CDC																									08/03/2021
Yemen	NPL Kenya / CDC	2				2																29%	100%		50%	14/03/2021
	Total EMR 2021	3299	260	24		2117	460	71	2	71			161	26		73					14	9%	99%	100%	99%	
	Total EMR 2020	20358	1673	91	3039	15496	5	43	129	348	19		509	465		455	2	14	18	11	2	14%	94%	97%	93%	

<sup>\*</sup> Specimens from all sources including non-AFP cases, excluding environmental samples

<sup>\*\*</sup> This indicator reflects surveillance and laboratory activities

AFP SURVEILLANCE 15-Mar-21
Week 10, ending 14 March 2021 Number 1171

Table 6: Environmental isolate by year and type 56 8 2 34 31 64 413 36 16 94 1 316 71 60 2 259 cVDPV2 aVDPV2 Negative Pending aVDPV3 VDPV3 (blank) Entero SL1/3 SL2 VDPV2 41 24 79 60 1 159 187 269 212 Wild cVDPV2 Negative Entero SL1/3 SL2 16 1 Negative Entero SL1/3 wild
wild+cVDPV2
wild+aVDPV2
cVDPV2
aVDPV2
Negative
Pending
Entero
SL1/3
SL2
VDPV1 cVDPV2 cVDPV3 aVDPV2 cVDPV2+cVDPV3 Negative Pending Entero SL1/3 SL2 4 10 4 5 81 14 2 cVDPV2
Negative
Pending
Entero
SL1/3
SL2 5 

SUD Total  SYR	Negative			15 21	60 30	50 17	9
= 31K	Pending						7
	Entero SL1/3		4	72 6	111	152 36	27 3
SYR Total	SL2		a	3 102	185	205	37
TOTAL		1248	1575	2017	2267	2223	447
	<u>Table</u>	e 7: Environmental Wild	/VDPV isolate by site	<u>2020-2021</u>			
YEAR	<b> ✓</b> COUNTRY	LAB RESULTS	<b>₹</b> PROVINCE	Count	First date	Last	date
<b>2</b> 020	□AFG	∃Wild	HILMAND	10	1/Jan/20	24/A	ug/20
			HIRAT	4	26/Apr/20		ug/20
			KABUL	1	26/Sep/20		Sep/20
			KANDAHAR	9	28/Jan/20		•
							un/20
			KHOST	1	25/Apr/20		Apr/20
			KUNDUZ	1	27/Sep/20		Sep/20
			NANGARHAR	2	26/Jan/20	6/0	ct/20
		■ Wild+cVDPV2	HILMAND	1	6/Sep/20	6/Se	ep/20
			KANDAHAR	4	25/Jun/20	6/D	ec/20
			NANGARHAR	2	8/Jan/20	25/J	Jul/20
		□ cVDPV2	HILMAND	34	27/May/20		Dec/20
			HIRAT	3	26/Sep/20		Dec/20
			KABUL	19	26/Apr/20		ov/20
			KANDAHAR	35	9/Jul/20		Dec/20
			KHOST	6	24/Jun/20	23/N	lov/20
			KUNAR	5	6/Jun/20	7/No	ov/20
			KUNDUZ	2	23/Aug/20	24/C	Oct/20
			LAGHMAN	4	24/Jul/20	6/0	ct/20
			NANGARHAR	58	7/Jan/20		Dec/20
			PAKTYA	1	26/Jul/20		Jul/20
		■aVDPV2	HILMAND	1	27/Sep/20		Sep/20
			KABUL	1	26/Dec/20		Dec/20
	AFG Total			204	1/Jan/20		Dec/20
	<b>⊟</b> EGY	□ aVDPV2	GIZA	1	21/Sep/20	21/S	Sep/20
	EGY Total			1	21/Sep/20	21/5	ep/20
	□IRN	■ cVDPV2	S & B	3	3/Oct/20	25/D	Dec/20
	IRN Total			3	3/Oct/20	25/D	Dec/20
	⊟PAK	⊟Wild	AJK	1	25/Feb/20		eb/20
			BALOCHISTAN	71	1/Jan/20		Sep/20
			GBALTISTAN	1 -	12/May/20		1ay/20
			ISLAMABAD	5	16/Jan/20		lov/20
			KPAKHTUNKHWA	23	28/Jan/20	18/D	Dec/20
			PUNJAB	122	4/Jan/20	28/D	Dec/20
			SINDH	114	3/Jan/20	8/De	ec/20
		■ Wild+cVDPV2	BALOCHISTAN	27	1/Feb/20	21/D	Dec/20
			KPAKHTUNKHWA	1	11/Mar/20	11/N	/lar/20
			PUNJAB	14	4/Jan/20		Oct/20
			SINDH	49	3/Jan/20		Dec/20
		E -1 (DD) (D					•
		■ cVDPV2	BALOCHISTAN	15	2/Jun/20	-	Dec/20
			KPAKHTUNKHWA	5	10/Jan/20		Oct/20
			PUNJAB	3	16/Jan/20	18/D	Dec/20
			SINDH	21	8/Jun/20	10/D	Dec/20
		■ aVDPV2	BALOCHISTAN	3	17/Sep/20	17/N	lov/20
			KPAKHTUNKHWA	6	10/Apr/20	2/Dr	ec/20
			PUNJAB	5	4/May/20	30/D	Dec/20
			SINDH	2	13/Oct/20		ov/20
	PAK Total		,3111211	488	1/Jan/20		Dec/20
		F-1/501/2	BANIABIB				
	■SOM	□ cVDPV2	BANADIR	23	5/Jan/20		Oct/20
			BAY	2	19/Jun/20	-	un/20
			LOWER JUBA	1	8/Sep/20		ep/20
	SOM Total			26	5/Jan/20	24/0	Oct/20
	■SUD	□ cVDPV2	KHARTOUM	14	29/Mar/20	9/No	ov/20
	SUD Total			14	29/Mar/20	9/N	ov/20
2020 Total				736	1/Jan/20	30/D	Dec/20
■2021	∃AFG	⊡ cVDPV2	HILMAND	8	4/Jan/21	4/Fe	eb/21
			KANDAHAR	10	5/Jan/21	6/Fe	eb/21
			NANGARHAR	2	5/Jan/21		eb/21
		⊟aVDPV2	KABUL	1	3/Feb/21	-	eb/21
	AFG Total	_ 4 7 5 7 7 2	,	21	4/Jan/21		eb/21
			ALEVANDRIA				-
	⊟EGY	⊡ cVDPV2	ALEXANDRIA	2	10/Jan/21		eb/21
			ASWAN	2	20/Jan/21		eb/21
			BENI SUEF	1	27/Jan/21		an/21
			GIZA	1	31/Jan/21	31/Ja	an/21
			KAFR EL-SHEIKH	1	27/Jan/21	27/Ja	an/21
			QENA	2	23/Jan/21	23/F	eb/21
					10/1 /21	25/Fe	eb/21
	EGY Total			9	10/Jan/21		,
	EGY Total	□Wild	BALOCHISTAN	<b>9</b> 6			
		□Wild		6	20/Jan/21	1/Ma	ar/21
		□Wild	ISLAMABAD	6 2	20/Jan/21 11/Jan/21	1/Ma 10/F	ar/21 eb/21
		□Wild	ISLAMABAD KPAKHTUNKHWA	6 2 4	20/Jan/21 11/Jan/21 18/Jan/21	1/Ma 10/F 26/F	ar/21 Feb/21 Feb/21
		□Wild	ISLAMABAD KPAKHTUNKHWA PUNJAB	6 2 4 10	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21	1/M: 10/F 26/F 18/F	ar/21 Feb/21 Feb/21 Feb/21
			ISLAMABAD KPAKHTUNKHWA PUNJAB SINDH	6 2 4 10 5	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21	1/M: 10/F 26/F 18/F. 2/M:	ar/21 Feb/21 Feb/21 Feb/21 ar/21
		□ Wild □ Wild+cVDPV2	ISLAMABAD KPAKHTUNKHWA PUNJAB	6 2 4 10	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21	1/M: 10/F 26/F 18/F. 2/M:	ar/21 Feb/21 Feb/21 Feb/21
			ISLAMABAD KPAKHTUNKHWA PUNJAB SINDH	6 2 4 10 5	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21	1/M: 10/F 26/F 18/F 2/M: 15/F	ar/21 Feb/21 Feb/21 Feb/21 ar/21
			ISLAMABAD KPAKHTUNKHWA PUNJAB SINDH BALOCHISTAN	6 2 4 10 5 6	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21 2/Jan/21	1/M: 10/F 26/F 18/F 2/M: 15/F 11/J:	ar/21 Feb/21 Feb/21 Feb/21 Feb/21
		□ Wild+cVDPV2	ISLAMABAD KPAKHTUNKHWA PUNJAB SINDH BALOCHISTAN KPAKHTUNKHWA	6 2 4 10 5 6 1	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21 2/Jan/21 11/Jan/21	1/M: 10/F 26/F 18/F 2/M: 15/F 11/Ja	ar/21 Feb/21 Feb/21 Feb/21 Feb/21 an/21
			ISLAMABAD  KPAKHTUNKHWA  PUNJAB  SINDH  BALOCHISTAN  KPAKHTUNKHWA  PUNJAB  BALOCHISTAN	6 2 4 10 5 6 1 2	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21 2/Jan/21 11/Jan/21 1/Jan/21	1/M: 10/F 26/F 18/F 2/M: 15/F 11/Ja 18/Ja	ar/21 Feb/21 Feb/21 Feb/21 Feb/21 an/21 an/21 Feb/21
		□ Wild+cVDPV2	ISLAMABAD  KPAKHTUNKHWA  PUNJAB  SINDH  BALOCHISTAN  KPAKHTUNKHWA  PUNJAB  BALOCHISTAN  KPAKHTUNKHWA	6 2 4 10 5 6 1 2 5	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21 2/Jan/21 11/Jan/21 11/Jan/21 1/Jan/21	1/M: 10/F 26/F 18/F: 2/M: 15/F 11/Ja 18/Ja 16/F:	ar/21 Feb/21
		□ Wild+cVDPV2 □ cVDPV2	ISLAMABAD  KPAKHTUNKHWA  PUNJAB  SINDH  BALOCHISTAN  KPAKHTUNKHWA  PUNJAB  BALOCHISTAN  KPAKHTUNKHWA  SINDH	6 2 4 10 5 6 1 2 5 1	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21 2/Jan/21 11/Jan/21 1/Jan/21 16/Jan/21 12/Jan/21	1/M: 10/F 26/F 18/F 2/M: 15/F 11/Ja 18/Ja 16/F 16/Ja	ar/21 Feb/21
	□ PAK	□ Wild+cVDPV2	ISLAMABAD  KPAKHTUNKHWA  PUNJAB  SINDH  BALOCHISTAN  KPAKHTUNKHWA  PUNJAB  BALOCHISTAN  KPAKHTUNKHWA	6 2 4 10 5 6 1 2 5 1 3	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21 2/Jan/21 11/Jan/21 1/Jan/21 16/Jan/21 12/Jan/21	1/M: 10/F 26/F 18/F 2/M: 15/F 11/Ja 18/Ja 16/F: 16/Ja	ar/21 Feb/21
2021 Total		□ Wild+cVDPV2 □ cVDPV2	ISLAMABAD  KPAKHTUNKHWA  PUNJAB  SINDH  BALOCHISTAN  KPAKHTUNKHWA  PUNJAB  BALOCHISTAN  KPAKHTUNKHWA  SINDH	6 2 4 10 5 6 1 2 5 1	20/Jan/21 11/Jan/21 18/Jan/21 4/Jan/21 4/Jan/21 2/Jan/21 11/Jan/21 1/Jan/21 16/Jan/21 12/Jan/21	1/M: 10/F 26/F 18/F 2/M: 15/F 11/Ja 18/Ja 16/F 16/Ja 9/Fe	ar/21 Feb/21

# World Health Organization – Regional Office for Eastern Mediterranean AFP SURVEILLANCE Week 10, ending 14 March 2021

15-Mar-21 Number 1171

Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2021 - 14/03/2021

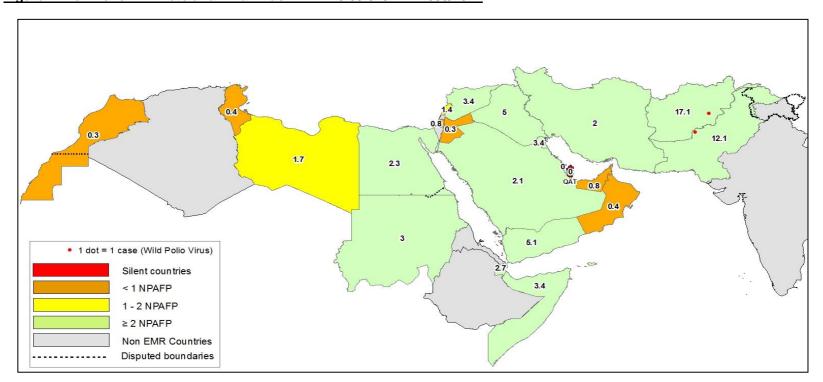


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2021 - 14/03/2021

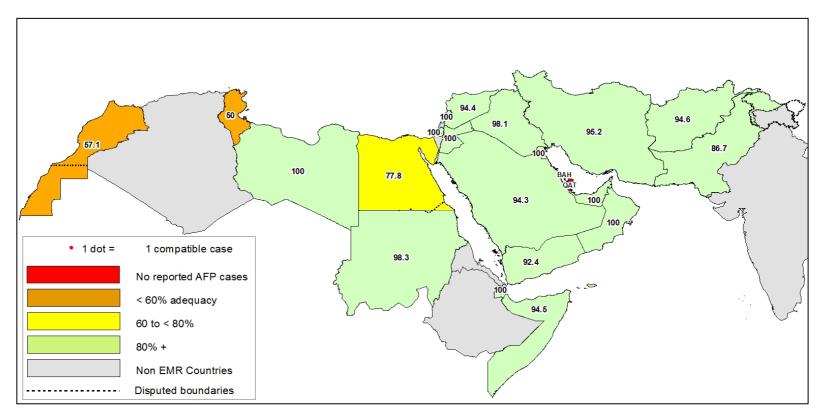


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2020 - 2021

Year	COUNTRY	Count		First Case	Last Case
2020	AFG		56	4-Jan-20	19-Oct-20
	PAK		84	1-Jan-20	23-Nov-20
2020 Tot	:al		140	1-Jan-20	23-Nov-20
2021	AFG		1	1-Jan-21	1-Jan-21
	PAK		1	27-Jan-21	27-Jan-21
2021 Tot	al		2	1-Jan-21	27-Jan-21

# World Health Organization – Regional Office for Eastern Mediterranean AFP SURVEILLANCE Week 10, ending 14 March 2021

15-Mar-21 Number 1171

Figure 3: Non Polio AFP rate by Province in Afghanistan & by District in Pakistan 01/01/2021 - 14/03/2021

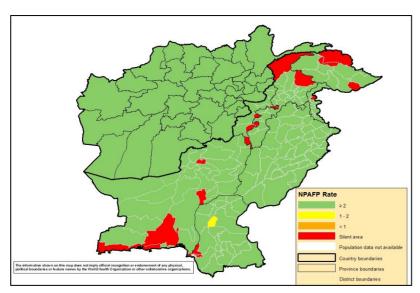


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan by Province & Pakistan by District 01/01/2021 - 14/03/2021

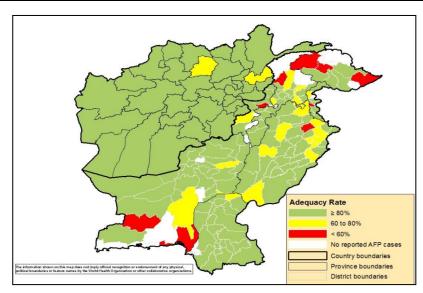
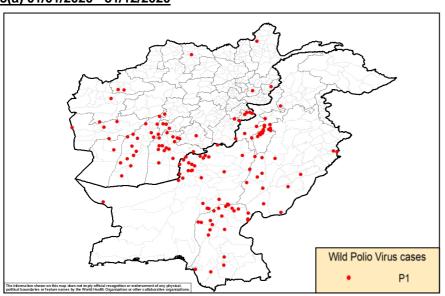
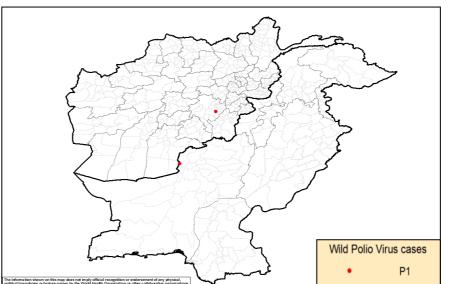


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

## 5(a) 01/01/2020 - 31/12/2020



## 5(b) 01/01/2021 - 14/03/2021



Week 10, ending 14 March 2021

15-Mar-21 Number 1171

## Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2020-2021

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case
2020	BALKH	DEHDADI	1	15-Mar-20	15-Mar-20
	HIRAT	PASHTUNZARGHUN	1	29-Jun-20	29-Jun-20
		SHINDAND	1	21-Mar-20	21-Mar-20
	FARAH	BALABULUK	2	11-May-20	17-May-20
		ANARDARA	1	6-May-20	6-May-20
		BAKWA	1	4-Feb-20	4-Feb-20
	BADGHIS	QALA-E-NAW	1	5-Sep-20	5-Sep-20
		QADIS	1	13-May-20	13-May-20
	KUNAR	SHIGAL WA SHELTAN	1	5-Mar-20	5-Mar-20
	LAGHMAN	MEHTARLAM	1	10-Feb-20	10-Feb-20
	PAKTIKA	NAKA	1	12-Aug-20	12-Aug-20
	KHOST	NADIRSHAHKOT	1	7-Sep-20	7-Sep-20
		BAK	2	3-Sep-20	7-Sep-20
		SABARI	1	8-Aug-20	8-Aug-20
		SPERA	1	1-Aug-20	1-Aug-20
	KANDAHAR	MARUF	1	14-Oct-20	14-Oct-20
		KANDAHAR	3	22-Jun-20	13-Sep-20
		ZHERAY	3	20-Jul-20	24-Aug-20
		SPINBOLDAK	1	25-Jul-20	25-Jul-20
		PANJWAYI	1	10-Jun-20	10-Jun-20
		SHAHWALIKOT	3	4-Mar-20	6-Jun-20
		NESH	1	23-May-20	23-May-20
		GHORAK	1	19-Mar-20	19-Mar-20
	ZABUL	QALAT	1	6-Aug-20	6-Aug-20
		ARGHANDAB	1	14-Jul-20	14-Jul-20
		MIZAN	1	21-Jan-20	21-Jan-20
	HILMAND	NAD-E-ALI	2	1-May-20	19-Oct-20
		WASHER	3	4-Jan-20	19-Oct-20
		BAGHRAN	2	16-Jul-20	4-Sep-20
		KAJAKI	2	10-Jun-20	27-Jul-20
		REG	4	25-May-20	3-Jun-20
		DEH-E-SHU	1	27-May-20	27-May-20
		NAWZAD	1	11-May-20	11-May-20
		SANGIN	1	7-May-20	7-May-20
	URUZGAN	SHAHID-E-HASSAS	3	14-Jun-20	12-Jul-20
		TIRINKOT	1	28-May-20	28-May-20
	NIMROZ	KHASHROD	1	28-Feb-20	28-Feb-20
	BADAKHSHAN	YAWAN	1	10-Mar-20	10-Mar-20
2020 Total			56	4-Jan-20	19-Oct-20
2021	GHAZNI	ANDAR	1	1-Jan-21	1-Jan-21
2021 Total			1	1-Jan-21	1-Jan-21

Week 10, ending 14 March 2021

15-Mar-21 Number 1171

## Table 10: Wild Polio cases by district and date of onset of paralysis, Pakistan 2020-2021

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case
2020	KHYBER PAKHTUNKHWA	PESHAWAR	1	13-Jul-20	13-Jul-20
		WAZIR-S	2	21-Feb-20	8-Jun-20
		BANNU	1	27-Apr-20	27-Apr-20
		TANK	4	11-Jan-20	15-Mar-20
		KARAK	2	20-Jan-20	13-Mar-20
		LAKKIMRWT	12	2-Jan-20	9-Mar-20
	BALOCHISTAN	KABDULAH	3	11-May-20	23-Nov-20
		QUETTA	5	17-Jul-20	5-Nov-20
		MASTUNG	1	15-Oct-20	15-Oct-20
		PISHIN	6	31-Jan-20	3-Oct-20
		KSAIFULAH	1	1-Sep-20	1-Sep-20
		CHAGHAI	1	4-Jun-20	4-Jun-20
		DUKKI	1	26-May-20	26-May-20
		JHALMAGSI	1	19-Apr-20	19-Apr-20
		ZHOB	2	22-Feb-20	13-Apr-20
		NSIRABAD	2	3-Jan-20	13-Apr-20
		SOHBATPUR	1	12-Feb-20	12-Feb-20
		JAFARABAD	1	12-Feb-20	12-Feb-20
		SIBI	1	7-Feb-20	7-Feb-20
	PUNJAB	LAYYAH	1	21-Oct-20	21-Oct-20
		MUZFARGARH	1	4-Oct-20	4-Oct-20
		VEHARI	1	16-Sep-20	16-Sep-20
		DGKHAN	5	18-Jan-20	14-Sep-20
		BAHAWALPUR	2	17-Aug-20	5-Sep-20
		RYKHAN	1	1-Sep-20	1-Sep-20
		LAHORE	2	12-Jun-20	24-Jul-20
		RAJANPUR	1	2-Jun-20	2-Jun-20
	SINDH	JACOBABAD	4	7-Feb-20	14-Jul-20
		GHOTKI	4	2-Mar-20	9-Jul-20
		KHILANDHI	1	9-Jun-20	9-Jun-20
		LARKANA	1	21-May-20	21-May-20
		KAMBAR	3	8-Jan-20	11-Apr-20
		KHAIRPUR	1	27-Mar-20	27-Mar-20
		NFEROZ	2	8-Feb-20	22-Feb-20
		SHIKARPUR	1	11-Feb-20	11-Feb-20
		KASHMORE	2	16-Jan-20	3-Feb-20
		SUJAWAL	1	7-Jan-20	7-Jan-20
		T.ALLAHYAR	1	7-Jan-20	7-Jan-20
		BADIN	1	1-Jan-20	1-Jan-20
2020 Total			84	1-Jan-20	23-Nov-20
2021	BALOCHISTAN	KABDULAH	1	27-Jan-21	27-Jan-21
2021 Total			1	27-Jan-21	27-Jan-21

8-Mar-21 Number 1170

# Week 09, ending 7 March 2021 Number 1170 Table 11: Circulating VDPV2 cases and date of onset of paralysis in EMR countries by provinces 2020-2021

					_
YEAR	COUNTRY		Count	First Case	Last Case
		FARAH	3	1-Jan-21	17-Jan-21
		KANDAHAR	1	16-Feb-21	16-Feb-21
		BADGHIS	4	12-Jan-21	24-Jan-21
	AFG	FARYAB	1	28-Jan-21	28-Jan-21
		HILMAND	1	5-Jan-21	5-Jan-21
2021		GHAZNI	5	8-Jan-21	7-Feb-21
		ZABUL	3	7-Jan-21	4-Feb-21
		KHYBER PAKHTUNKHWA	1	14-Jan-21	14-Jan-21
	PAK	PUNJAB	1	7-Jan-21	7-Jan-21
	FAR	SINDH	2	5-Jan-21	7-Jan-21
		BALOCHISTAN	2	2-Jan-21	3-Jan-21
	То	tal 2021	24	1-Jan-21	16-Feb-21
		LOWER JUBA	1	29-Aug-20	29-Aug-20
		AWDAL	1	1-Aug-20	1-Aug-20
		GALBEED	1	29-Sep-20	29-Sep-20
	SOM	HIRAN	1	18-Oct-20	18-Oct-20
		MIDDLE SHABELLE	1	17-Jul-20	17-Jul-20
		BAY	2	3-Sep-20	25-Oct-20
		BANADIR	フ	18-Jun-20	30-Sep-20
		SOUTH DARFUR	3	7-Mar-20	18-Dec-20
		NORTH DARFUR	2	26-Nov-20	13-Dec-20
		EAST DARFUR	3	12-May-20	24-Jul-20
		KHARTOUM	4	15-Jul-20	16-Nov-20
		KASSALA	11	28-Jul-20	6-Nov-20
		GEZIRA	5	9-Jul-20	19-Sep-20
		RIVER NILE	5	29-Jun-20	27-Sep-20
	SUD	RED SEA	8	29-Apr-20	29-Nov-20
		WEST DARFUR	1	19-May-20	19-May-20
		BLUE NILE	4	7-Aug-20	26-Nov-20
		SOUTH KORDOFAN	2	20-Nov-20	25-Nov-20
		NORTH KORDOFAN	3	29-Aug-20	2-Dec-20
		SENNAR	1	16-Aug-20	16-Aug-20
		WHITE NILE	3	15-Jun-20	22-Aug-20
		GEDARIF	3	1-Apr-20	1-Aug-20
		FARAH	17	1-Jun-20	27-Dec-20
		BALKH	2	29-Oct-20	3-Nov-20
		BADGHIS	10	1-Nov-20	27-Dec-20
		FARYAB	1	18-Oct-20	18-Oct-20
		SAMANGAN	1	1-Nov-20	1-Nov-20
2020		HIRAT	2	10-Aug-20	15-Aug-20
		LOGAR	4	20-Aug-20	18-Nov-20
		KANDAHAR	75	4-Aug-20	30-Dec-20
		HILMAND	40	1-Aug-20	24-Dec-20
		JAWZIAN	3	4-Aug-20	21-Nov-20
		KABUL	7	6-Jul-20	12-Oct-20
		NURISTAN	2	21-Jun-20	13-Jul-20
		NIMROZ	3	6-Jul-20	8-Aug-20
		KHOST	17	5-Jul-20	19-Oct-20
	AFG	PAKTYA	5	18-Jun-20	25-Oct-20
		KUNDUZ	3	28-Aug-20	3-Oct-20
		PAKTIKA	5	25-Aug-20	7-Oct-20
		GHAZNI	7	29-Aug-20	26-Dec-20
		BADAKHSHAN	1	23-Apr-20	23-Apr-20
		LAGHMAN	14	20-May-20	23-Sep-20
		TAKHAR	1	20-Sep-20	20-Sep-20
		ZABUL	12	17-Sep-20	15-Nov-20
		GHOR	1	14-Nov-20	14-Nov-20
		URUZGAN	15	28-Aug-20	22-Dec-20
		PARWAN	1	4-Sep-20	4-Sep-20
		WARDAK	5	6-Sep-20	22-11-20
		KUNAR	9	6-Apr-20	29-Sep-20
		NANGARHAR	45	5-Feb-20	21-Sep-20
		SINDH	45	2-May-20	28-Nov-20
		BALOCHISTAN	23	29-Feb-20	24-Dec-20
	PAK	PUNJAB	25	5-Feb-20	5-Nov-20
		KHYBER PAKHTUNKHWA	42	2-Jan-20	24-May-20
	To	tal 2020	515	2-Jan-20	30-Dec-20

