

COVID – 19 Laboratory Capacity
National Institute of Health, Islamabad
10 July 2020

S. No.	Province/ Region (No)	City	Category	Functional Lab/Site	Daily Capacity	Under Process	
1.	Federal	Islamabad (14)	Public	National Institute of Health - (NIH)	4,000	IHITC Lab (200) Medikay Pvt limited (300)	
2.				PIMS – POCT	100		
3.			Private	IDC	5,000		
4.				Biotech	2,000		
5.				Biogene	1,500		
6.				Shifa International	1,000		
7.				Excel Labs	1,000		
8.				Kulsum Intl Hospital	500		
9.				Maroof Hospital	300		
10.				Akbar Niazi Teaching Hospital	200		
11.				Shaafi Hospital PWD	200		
12.				Nayyab	300		
13.				Temaar	700		
14.			Public/Private	MedAsk	300		
15.	Punjab	Lahore (23)	Public	Punjab AIDS Control Program incl Hepatitis Lab	2,500	Muzaffargarh Erdogan – (Indus) Hospital (500) Sargodha – Khan Lab Lahore - North Shore (1000) (Additional PCR Machine – NDMA)	
16.				Punjab Forensic Science Auth Lab	2,000		
17.				Jinnah Hospital	500		
18.				PKLI	300		
19.				Lahore General Hospital	300		
20.				CAMB	300		
21.				UVAS (BSL-3)	300		
22.				Lahore TB Program (BSL-3)	200		
23.				IPH Lahore	250		
24.				Private	Chughtai Lab		5,000
25.					Shaukat Khanum Memorial Hospital		3,800
26.					Agha Khan		500
27.					Zeenat Lab		300
28.			Genome Lab		300		
29.			Testzone		500		
30.			Doctor Hospital	200			
31.			University of Lahore	200			
32.			Mughal Lab	150			
33.			Lab Genetix	100			

34.			Public/Private	Al-Khidmat Foundation Lab	400			
35.				Bahria Intl Hospital	200			
36.		Rawalpindi (09)	Public	Rawalpindi Medical University (Holy Family)	300	(Additional PCR Machine – NDMA) (Additional PCR Machine – NDMA)		
37.					Benazir Bhutto Hospital (BBH) Rawalpindi		300	
38.					Rawalpindi Institute of Cardiology		500	
39.			Private	Premium Diagnostics	1000			
40.					Citi Lab		500	
41.					Fauji Foundation Hospital		200	
42.					Health Ways		200	
43.					Twin City Diagnostics		100	
44.				Public/Private	Bahria Intl Hosp		200	
45.			Wah	Public	POF Hospital		200	
46.		Multan (03)	Public	Nishtar Medical College	300			
47.					Multan TB Program (BSL-3)	200		
48.				Private	Bakhtawar Amin Medical College	200		
49.		Faisalabad (02)	Public	Allied Hospital	500			
50.				Private	Abwa Hospital & Research Centre	500		
51.		Wazirabad	Public	Trauma Centre THQ (BSL-3)	250			
52.		Bahawalpur	Public	Civil Hospital	300			
53.		DG Khan	Public	DHQ	200			
54.		Sialkot	Private	Pak Medical Lab	200			
55.	Sindh	Karachi (21)	Public	Dow University, Ojha	2,000			
56.							PCMD Karachi University	2,500
57.							Liaqat National Hospital	300
58.							Civil Hospital	300
59.							Jinnah PG Medical Institute	300
60.							SIUT	200
61.							Civil Hospital North Karachi	200
62.							NIBD	200
63.							Private	AKUH
64.							Chughtai	1,000
65.							Ziauddin Hospital	500
66.							Essa Lab	500
67.							Mosajee	360
68.							Children Hospital	300
69.							Cancer Foundation Hospital	300
70.							South City	300
71.							Advanced Lab	300
72.							Hashmanis	200

73.				OMI	200	
74.				Taba Heart	100	
75.			Public/Private	Indus Hospital	3,000	
76.		Hyderabad	Public	LUMHS	3,500	
77.		Sehwan	Public	SASIMS	100	
78.		Sukkur	Public	Gambit Institute of Medical Sciences	300	
79.				Civil Hospital	200	
80.		Larkana	Public	Larkano Lab	100	
81.				Chandka Medical College Hospital	100	
82.	KP	Peshawar (08)	Public	Khyber Medical University	1,600	Kohat DHQ (400) Temargara DHQ (400) Leady Reading Hospital LRH (400)
83.				Hayatabad Medical Complex	250	
84.				Khyber Teaching Hospital	500	
85.			Private	IDC (Contract signed)	1,000	
86.				Excel (Contract signed)	400	
87.				RMI	500	
88.				NWGH	500	
89.				Peshawar Medical College	200	
90.		Abbottabad (02)	Public	Public Health Lab Ayub Teaching Hospital	450	
91.			Private	Shaheena Jameel Hospital	200	
92.		Sawat (02)	Public	Saidu Sharif Medical College Hospital	500	
93.			Private	Anwar Lab	700	
94.		D I Khan	Public	Mufti Mehmood Memorial Teaching Hospital	500	
95.		Bannu	Public	Khalifa Gul Nawaz Teaching Hospital	300	
96.	Mardan	Public	Mardan Medical Complex	250		
97.	Sawabi	Public	BK Medical College	400		
98.	Baluchistan	Quetta (03)	Public	Fatima Jinnah Hospital	1,200	Turbat Loralai Naseerabad
99.				Sheikh Zaid Hospital	100	
100.				Bolan Medical College	100	
101.		Khuzdar	Public	TB Lab	50	
102.		Taftan	Public	Mobile Diagnostic Unit	150	
103.	AJK	Muzaffarabad	Public	Abbas Institute of Medical Sciences	500	Kotli
104.		Mirpur	Public	DHQ	200	
105.		Rawlakot	Public	CMH	100	
106.	Gilgit-Baltistan	Gilgit	Public	DHQ	300	Gilgit CMH (200) Sakardu DHQ (200)
107.		Skardu	Army	CMH (Army)	200	
108.		Chalas	Public	Chalas (TB Lab)	100	
109.		Rawalpindi	Pak Army	AFIP / AFIT	3,000	Sialkot CMH (200)
110.		Lahore		CMH	300	Sargodha CMH (200)

111.	Armed Forces Labs (24)	Kharian		CMH	300	(8 New sets of machines)	
112.		Guranwala		CMH	300		
113.		Multan		CMH	300		
114.		Quetta		CMH	300		
115.		Peshawar		CMH	300		
116.		Abbottabad		CMH	300		
117.		Bannu		CMH	300		
118.		Malir Cantt		CMH	300		
119.		Pano Aqil		CMH	300		
120.		Kohat		CMH	200		
121.		Nowshera		CMH	200		
122.		Karachi	Pak Navy		PNS Shifa		300
123.	Ormara			PNS Darmanjah	30		
124.	Karachi	PAF		Faisal Base Hospital	200		
125.	Mianwali			MM Alam	200		
126.	Peshawar			PAF Hospital	200		
127.	Islamabad			PAF Hospital	100		
128.	Kamra			PAF Hospital	100		
129.	Shorkot			Rafiqui Shaheed PAF Hospital	100		
130.	Quetta			Samugli PAF Hospital	100		
131.	Lahore			PAF Hospital	70		
132.	Sargodha			PAF Hospital	50		
133.	SPD (04)		Islamabad (02)	SPD	KRL (IBGE)		1,500
134.			PAEC Hospital		600		
135.		Karachi	BRC		250		
136.		Faisalabad	NIBGE		300		
Point of Care Testing Facility							
137.	Balochistan	3			200	Khunjrab/Soost (80)	
138.	KP	3			200		
GeneXpert							
	Global Fund (CMU)	TB Lab		50,000 per month		1600/Day	
		New Equipment					20,000/Day
					Total	83,300	Approx.30,000/Day
Pooling							
	Selective labs 1:2 for 25,000 test			Additional 25000	25,000		
					108,300		
	Selective labs 1:3 for 25,000 test			Additional 25000	133,300		
	Selective labs 1:4 for 25,000 test			Additional 25000	Grand Total	158,300	

Equipment Status

S. No.	Equipment Name	NDMA		M/o NHR&C	AMC Army
		Available	In Process	In process	In process
1.	PCR Machines	5	25	11	8
2.	Extraction Machines	8	10	11	8
3.	Reactions	1.2 Million	1.5 Million	3 Million	