



**MINISTRY OF
HEALTH**

National vaccination plan for COVID 19

MINISTRY OF HEALTH

2020

EUROPEAN COMMISSION — CENTRAL PROCEDURE FOR THE PREPURCHASE AND ORDER OF COVID-19 VACCINES

COMPANY	SIGNING OF CONTRACTS	ORDERS OF QUANTITIES
<i>ASTRA ZENECA</i>		
<i>JJ (JANSSEN)</i>		
<i>Sanofi & GLAXO</i>		
<i>BIONTECH/PFISER</i>		
<i>CUREVAC</i>		
<i>MODERNA</i>		
<i>NOVAVAX</i>		

 Completion of process

 Under completion

 Quantities not specified

REPUBLIC OF CYPRUS — COVID-19 VACCINE SCHEDULE

COMPANY	MAINTENANCE	LIFE TIME	TOTAL Quantities (2 doses per person with the exception of JJ)	DISTRIBUTION PLAN						
				2020	2021				2022	
				4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter
ASTRA ZENECA	2-8 °C	6 months	1.192.043	119,204	158,939	119,204	79,470	317,878	158,939	238,409
JJ (JANSSEN)	2-8 °C	3 months	200,000 persons			55,000	120,000	25,000		
Sanofi & GLAXO	2-8 °C		600,000				300,000	300,000		
BIONTECH/PFISER	-75 °C	6 months	391,637	48,955	78,327	117,491	146,864			
CUREVAC	2-8 °C (-60 °C)	6 m or n (24 months)	250,000		16,667	44,444	55,555	66,667		
MODERNA	-25° to -15 °C.	6 months	156,668		19,584	68,542	68,542			
NOVAVAX	/	/	200,000							

REPUBLIC OF CYPRUS — COVID-19 VACCINE SCHEDULE

COMPANY	MAINTENANCE	TIME LIFE	TOTAL QUANTITY WHICH Corresponds (2 doses per person with the exception of JJ)	DISTRIBUTION PLAN						
				2020	2021				2022	
				4 quarter	1 quarter	2 quarter	3 quarter	4 quarter	1 quarter	2 quarter
ASTRA ZENECA	2-8 °C	6 months	1.192.043	119,204	158,939	119,204	79,470	317,878	158,939	238,409
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Delivery, storage, distribution and transportation of vaccines

- Central Storage of Vaccines
- Transfer to SHSO Hospital Pharmacies
- Distribution to Vaccination Centres
 - Cold Chain safeguard measures (special refrigerators, vaccine transport boxes, application of a continuous cold chain monitoring system (monitoring, alarm system))
 - Implementation of Protocols
 - Continuous monitoring of stocks
 - References to the basis of procedure



Vaccination Centres

- 38 Primary Health Care Centres
 - Depending on the flow of vaccines
 - Gradual integration of all Centres
 - Operation of 1-3 Units in each Centre
- Large event venues or other venues in all districts
- Health Infrastructure
 - On-site vaccination of health professionals
- Mobile Units
 - Closed Structures
 - Support of PHC Centres

Operation of Vaccination Centres

Hours of operation

- From 8.00.am-6.00 p.m. (or in special cases up to 7.00 pm)
- Only by appointment
- 100-120 vaccinations/units
 - Maximum 300-350 Vaccinations/Vaccination Centre /Day

Staffing of Vaccination Centres

- Health Visitors and Nursing Officers
- Support staff
- Doctors
- Security personnel

Guidelines for personnel involved

Equipment

Ensuring compliance with Sanitary Protocols

DELIVERY PLAN

Quarter	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022
Number of available doses of vaccines	168.159	273.517	404.681	812.431	751.545	267.606	312.409
Number of available doses of vaccines/month	56.000	90 000	135 000	270 000	250 000	107 000	125 000
Capacity of each unit 2500 vaccinations/month							
Required number of units	22,5	36	54	108	100	43	50

Vaccination Program Software

- Portal of Vaccination Beneficiaries
 - Possibility to arrange appointments at the Vaccination Centre of their choice
- Vaccination Centre Portal
 - Appointment table of each Centre
 - Identification and Confirmation of the appointment
 - Registration of vaccination data
 - Issuance of electronic vaccination certificate
 - Management of available quantities of vaccines and orders
 - Arrangement of an appointment for the 2nd dose of vaccine
- Data Portal
 - Data on the progress of the Vaccination Programme
 - Vaccinations by Vaccination Centre, District
 - Vaccinations based on demographics, risk factors, groups
 - Monitoring of vaccine disposal and vaccine stocks (Central level, hospitals, Vaccination Centres)

Vaccination procedure

- Informing citizens
- Arrangement of Vaccination Beneficiaries Portal for the Groups
- Possibility to arrange appointments by the citizen himself or his representative through the system
- Confirmation of the appointment via sms
- Vaccination at the declared Vaccination Centre
- Evidence on the administration of the 1st dose of vaccine
- Arrangement of appointments for the administration of the 2nd dose

Population groups (I)

1. Residents and staff of senior people's homes and institutions for chronic adult illnesses

2. Healthcare professionals: Workers in hospitals with COVID19 patients, and in all ICU, Accident and Emergency Departments, Ambulance Departments (regardless of COVID hospitalization)

3. People >80 years old (priority in vulnerable groups).

4. People > 75 years old (priority in vulnerable groups).

5. Individuals ≥ 16 years of high risk for severe disease*

6. People working in Primary Healthcare Centres, followed by other healthcare professionals/personnel.

Residents in other closed structures such as prisons and hosting centres for refugees and migrants.

7. The rest of the population according to age.

Population groups (2)

*People ≥ 16 years of high risk for severe disease (conditions may overlap):

- Chronic Pulmonary Disease
- Severe Chronic Renal Impairment
- Cardiac failure (of any aetiology)
- Cardiovascular disease
- Recent acute coronary syndrome or revascularisation surgery:
- Active use of biological agents
- Patients with Class C haemoglobinopathy (based on the Thalassaemia International Federation classification).
- Patients with Diabetes mellitus.
- People with severe obesity $\text{BMI} \geq 40$ or ≥ 35 with metabolic syndrome.
- Patients with a history of transplantation of solid organs or stem cells.
- Individuals with hereditary or acquired immunodeficiency