







Photo, WCO, Syria



**In this issue of Syria COVID-19 Morbidity and Mortality Summary (SMMS) N° 11:**

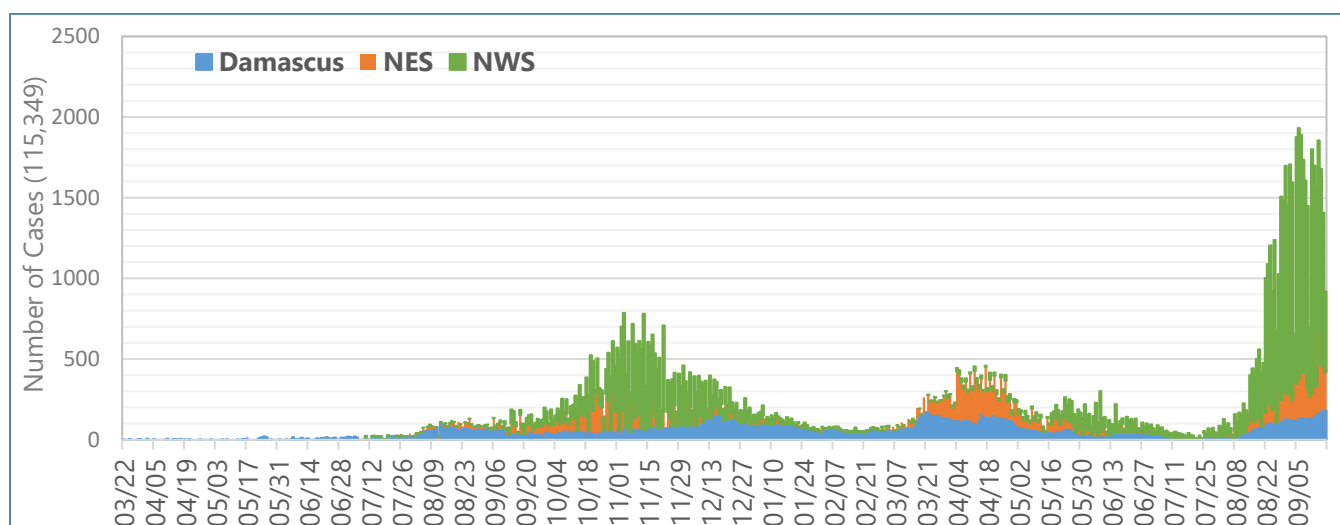
- ✓ *dashboard with key figures for whole of Syria*
- ✓ *detailed epidemiological update on COVID-19 outbreak in Syria and North East Syria*
- ✓ *daily and weekly distribution of COVID-19 cases and related deaths*
- ✓ *daily distribution of COVID-19 cases and rolling seven-day average per governorate in whole of Syria*
- ✓ *overall and cumulative weekly attack rate and rates in selected governorates in Syria*
- ✓ *number of COVID-19 testing laboratories and number of daily tested per 100,000 in Syria and North East Syria*
- ✓ *geographical distribution of COVID-19 attack rate (AR) per governorate in Syria*

Whole of Syria	Tested	Confirmed	Recovered	Dead
				
<b>TOTAL</b>	<b>408,684</b>	<b>115,349</b>	<b>56,411</b>	<b>3,929</b>
<b>Syria</b>	<b>94,860</b>	<b>30,519</b>	<b>23,007</b>	<b>2,120</b>
<b>NES</b>	<b>65,838</b>	<b>24,756</b>	<b>2,058</b>	<b>840</b>
<b>NWS</b>	<b>247,986</b>	<b>60,074</b>	<b>31,346</b>	<b>969</b>
	<b>Tests/100,000</b>	<b>AR/100,000</b>	<b>Recovery Rate %</b>	<b>CFR%</b>
	<b>1,929</b>	<b>545</b>	<b>48.9%</b>	<b>3.4</b>
	<b>COVID-19 Hospitals</b>	<b>Isolation Beds</b>	<b>ICU Beds</b>	<b>Ventilators</b>
<b>TOTAL</b>	<b>167</b>	<b>3,603</b>	<b>1,096</b>	<b>839</b>
<b>Syria</b>	<b>151</b>	<b>1,832</b>	<b>828</b>	<b>602</b>
<b>NES</b>	<b>4</b>	<b>683</b>	<b>34</b>	<b>75</b>
<b>NWS</b>	<b>12</b>	<b>1,088</b>	<b>234</b>	<b>162</b>

## 1. Whole of Syria (WoS)

Between 23 March 2020 and 18 September 2021, there were **(115,349)** COVID-19 cases confirmed by rt-PCR. Out of the total number of cases, **52%** (**60,074/115,349**) were reported from North West Syria (NWS), **26.4%** (**30,519**) from Damascus, and the remaining **21.4%** (**24,756**) were reported from North East Syria (NES). During the same reporting period, a total of **(3,929)** related deaths were reported, of them **53.9%** (**2,120/3,929**) from **Syria**, **24.6%** (**969**) from **NWS**, and **21.3%** (**840**) from **NES** - the overall Case Fatality Ratio (**CFR**) is **3.4%**. A total of **408,684** COVID-19 tests with the overall positivity rate of **28.2%** and with overall testing rate of **1,929/100,000** in **whole of Syria**. Out of them **60.7%** (**247,986/386,953**) tested in **NWS**, **23.2%** (94,860) in **Syria** and **16.1%** (65,838) in NES.

*The figure below is showing the daily distribution of reported confirmed COVID-19 cases, 23 March – 18 September 2021, Whole of Syria.*



COVID-19 has reported in **14** governorates of Syria, the most affected governorate is Aleppo with **31,510** cases and **872** deaths (CFR 2.7%), followed by Idleb with **35,834** cases and **569** deaths (CFR 1.5%), and Al-Hassakeh **16,228** cases and **543** deaths (CFR 3.3%). The table below highlights the latest values of various indicators being monitored for each of Syria's 14 governorates. A high number of cases may reflect a high transmission rate but may also, as is the case for Idleb, reflect a high rate of testing (**4,101** per 100,000 compared to a national average of **1,929**). Idleb, Al-Hassakeh and Aleppo have the highest testing rates in the country. As-Sweida, Tartous, and Homs have the highest positivity rate (above 60%) but a lower case to population ratio (attack rate) than five other governorates, suggesting that testing is only being conducted on people with symptoms or already hospitalized

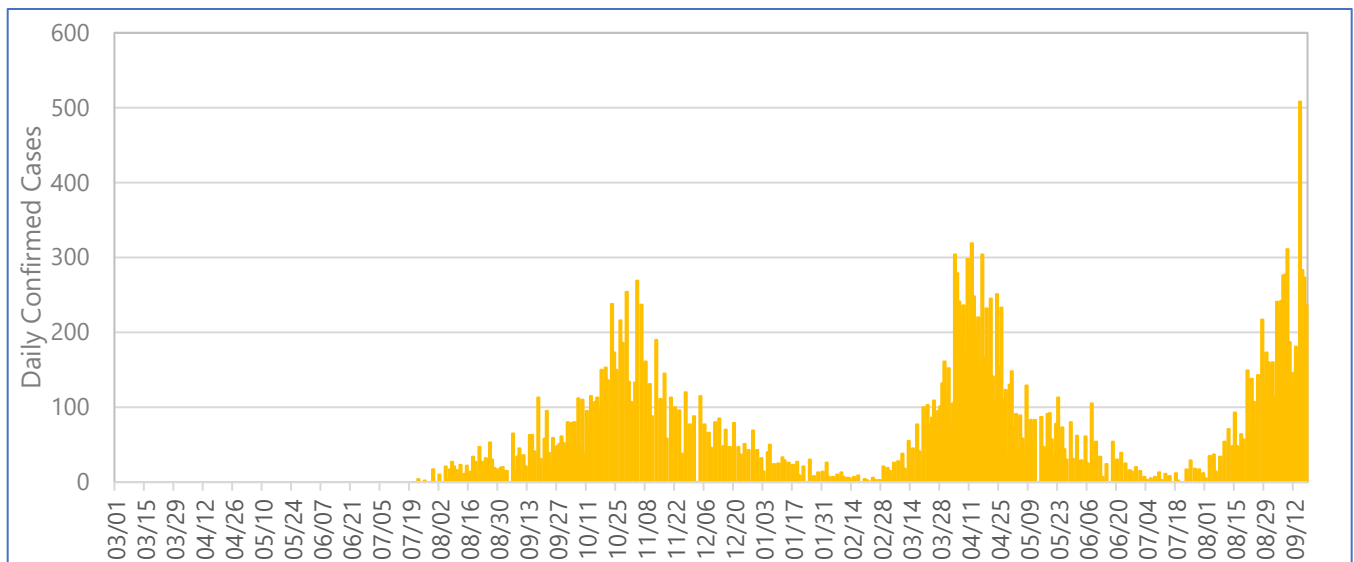
*The following table is showing the reported number of cases, deaths, testing rate, positivity rate, attack rate and case fatality rate per governorate, 23 March 2020 – 18 September 2021, whole of Syria.*

Governorate	# Test	Test/100,000	Positive	Positivity Rate	Attack Rate	# Deaths	CFR
Aleppo	150,803	3,616	31,510	20.89%	755.5	872	2.77%
Al-Hassakeh	42,164	3,634	16,228	38.49%	1,398.6	543	3.35%
Ar-Raqqa	14,912	1,942	5,479	36.74%	713.5	98	1.79%
As-Sweida	1,926	507	1,407	<b>73.05%</b>	370.1	91	6.47%
Damascus	26,408	1,443	6,645	25.16%	363.2	695	<b>10.46%</b>
Dar'a	3,668	353	1,489	40.59%	143.5	68	4.57%
Deir-ez-Zor	3,946	506	1,517	38.44%	194.7	114	7.51%
Hama	3,755	279	1,450	38.62%	107.8	57	3.93%
Homs	5,299	349	3,391	<b>63.99%</b>	223.1	302	<b>8.91%</b>
Idleb	115,927	4,101	35,834	30.91%	1,267.6	569	1.59%
Lattakia	23,747	1,864	4,801	20.22%	376.8	239	4.98%
Quneitra	2,008	1,773	560	27.89%	494.5	30	5.36%
Rural Damascus	10,988	362	2,990	27.21%	98.6	39	1.30%
Tartous	3,133	332	2,048	<b>65.37%</b>	217.1	212	<b>10.35%</b>
<b>Total</b>	<b>408,684</b>	<b>1,929</b>	<b>115,349</b>	<b>28.2%</b>	<b>545.0</b>	<b>3,929</b>	<b>3.41%</b>

**2. North East Syria (NES)**

In North East Syria (NES), between 23 July 2020 and 18 September 2021, there were **(24,756)** COVID-19 cases<sup>3</sup> confirmed by rt-PCR, including **(840)** related deaths. Case FatalityRatio (CFR) is **3.4%**. According to available data, health workers are representing **4.8%** (1,206) among the total number of reported cases. During the same period, a total of **65,838** COVID-19 tests were conducted with the overall positivity rate of **38%**.

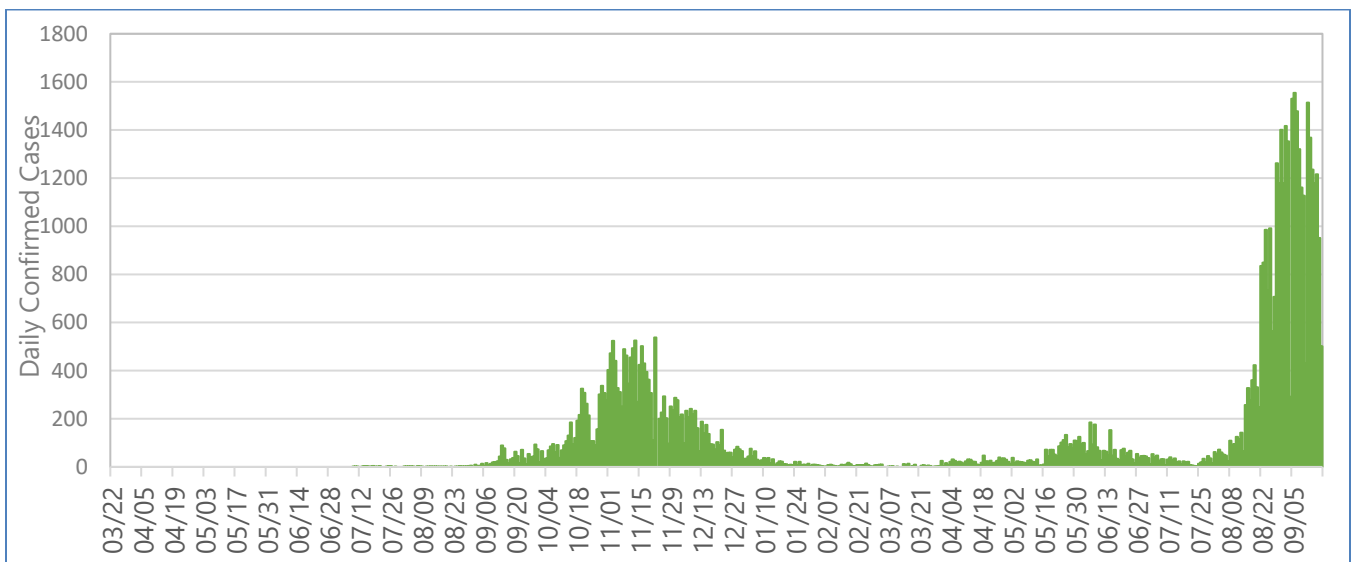
**The figure below is showing the daily distribution of reported confirmed COVID-19 cases, 23 March 2020 – 18 September 2021, North East Syria (NES).**



**3. North West Syria (NWS)**

In North West Syria (NWS), between 23 July 2020 and 18 September 2021, there were **(60,074)** COVID-19 cases confirmed by rt-PCR, including **(969)** related deaths. Case FatalityRatio (CFR) is **1.6%**. During the same period, a total of **247,986** COVID-19 tests were conducted with the overall positivity rate of **24%**. According to available data, health workers are representing **5.4%** (3,264) among the total number of reported cases.

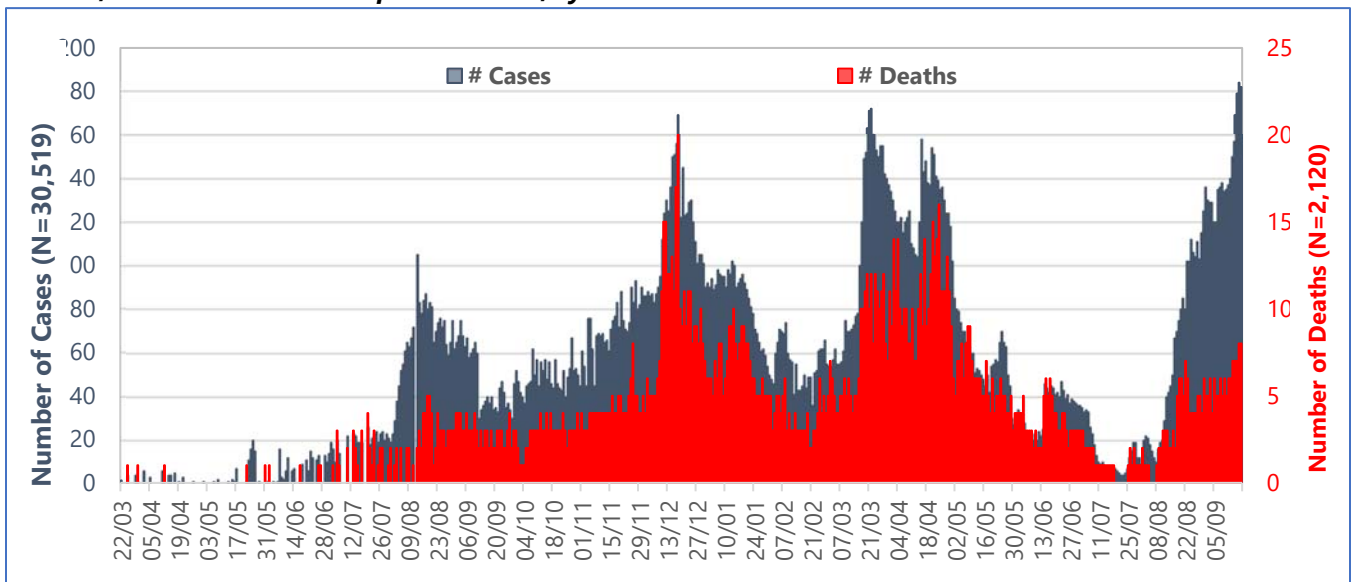
**The figure below is showing the daily distribution of reported confirmed COVID-19 cases, 23 March 2020 – 18 September 2021, North West Syria (NWS).**



4. Syria GoS

Between 23 March 2020 and 18 September 2021, according to the Ministry of Health (MOH) there were (30,349) COVID-19 cases<sup>4</sup> confirmed by rt-PCR, including (2,120) related deaths. Case Fatality Ratio (CFR)<sup>5</sup> is 6.9%. In the epidemiological week 37 of 2021 in comparison to the previous epidemiological week, the number of new weekly COVID-19 cases increased by 24.1% (1,161 and 935 respectively) and the weekly number of death cases increased by 28.9% (49 and 38 respectively).

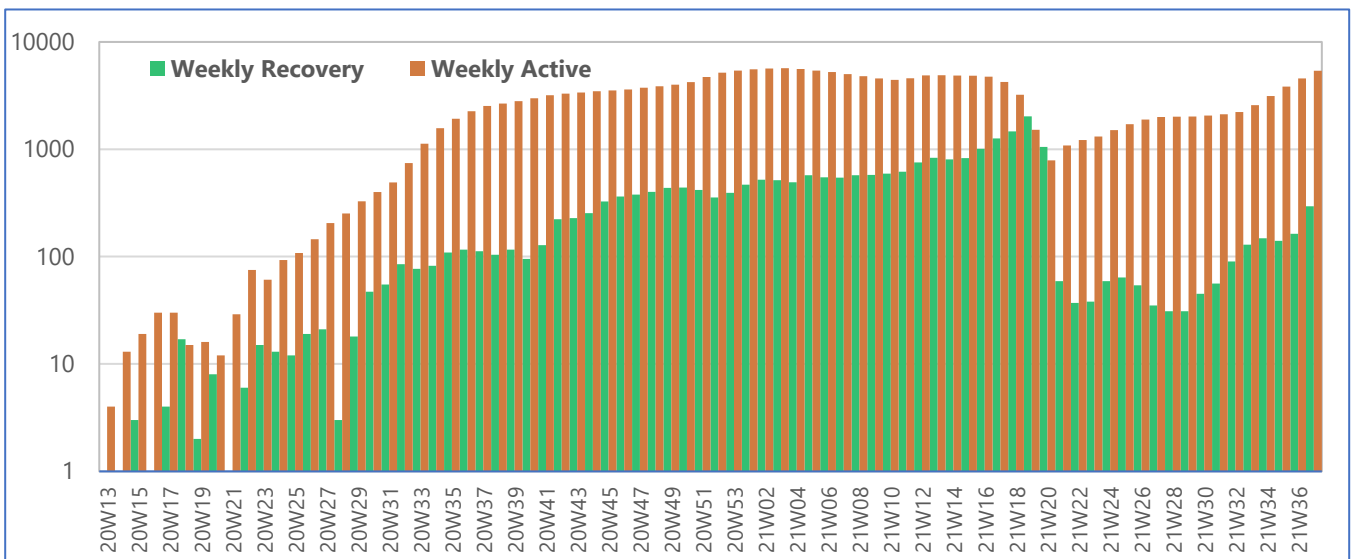
The figure below is showing the daily and weekly distribution of reported confirmed COVID-19 cases and deaths, 23 March 2020 – 18 September 2021, Syria.



As of 18 September 2021, information on the mode of transmission was available on 100% of confirmed reported COVID-19 cases. Of all cases, 92.7% (28,307) were community transmission, 6.6% (2,043) - contacts of confirmed cases (cluster) and 0.5% (169) were imported cases.

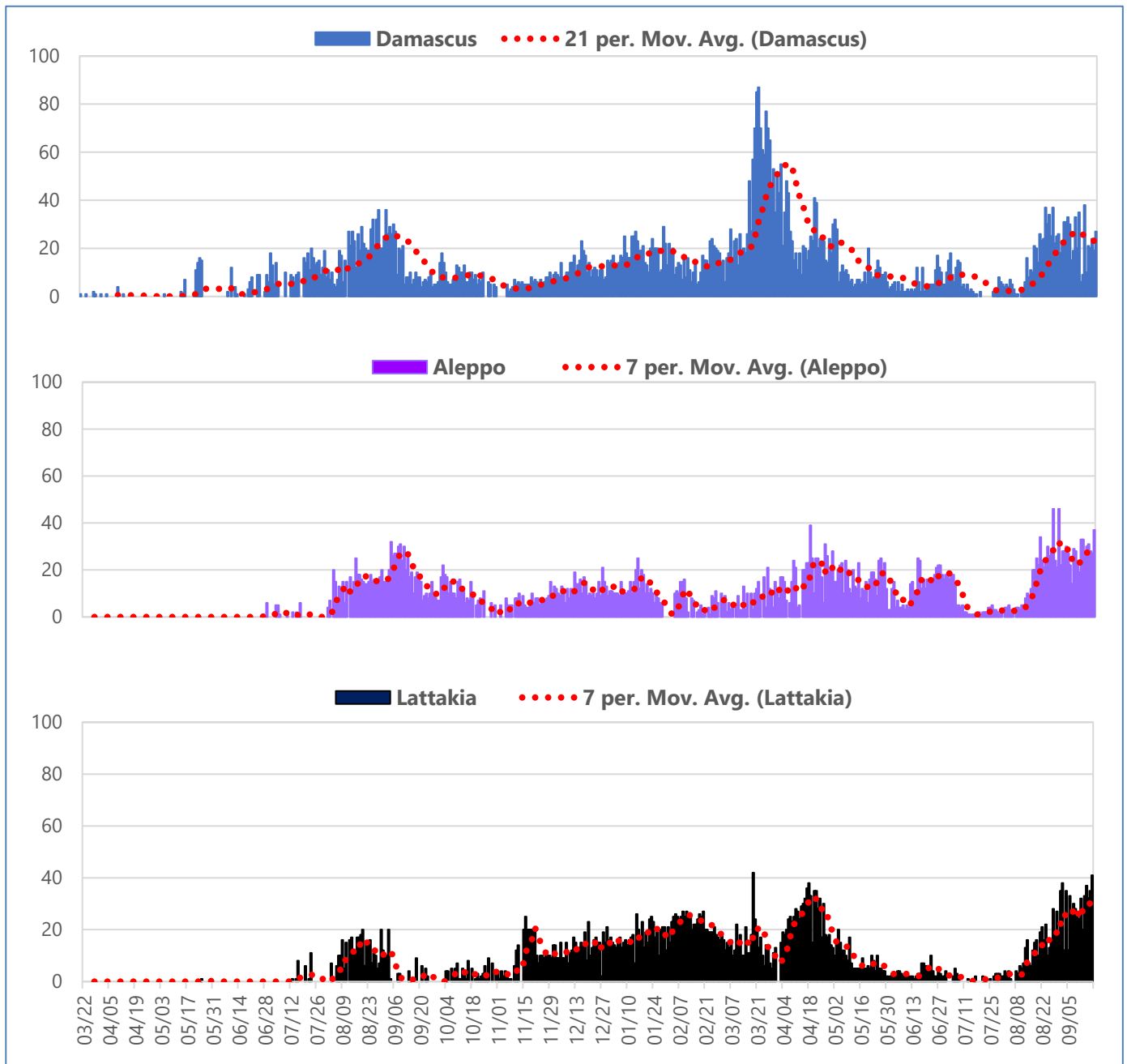
In the epidemiological week 37, 2021, the number of COVID-19 weekly recovery increased by 81.4%, in comparison to the previous week (294 and 162) and at the same time, the number of active COVID-19 cases increased by 17.8% (5,392 and 4,574 respectively).

The figure below is showing the weekly outcomes of the reported confirmed COVID-19 cases, 23 March 2020 – 18 September 2021, Syria.



As of 18 September 2021, geographical distribution of confirmed reported COVID-19 cases was available on **100%** of cases. Of all cases, **21.8%** (6,645) reported from the **Damascus** governorate, followed by **Aleppo 16.6%** (5,067), **Lattakia 15.7%** (4,801), **Homs 11.1%** (3,391), **Rural Damascus, 9.8%** (2,990), **Tartous, 6.7%** (2,048), **Dar'a, 4.9%** (1,489), **Hama, 4.8%** (1,450), **As-Sweida, 4.6%** (1,407), **Quneitra, 1.8%** (560), and the remaining **1.3%**. **0.8%** and **0.1%** are from **Deir-ez-Zor**, **Al-Hassakeh**, and **Ar-Raqqa** governorates, respectively.

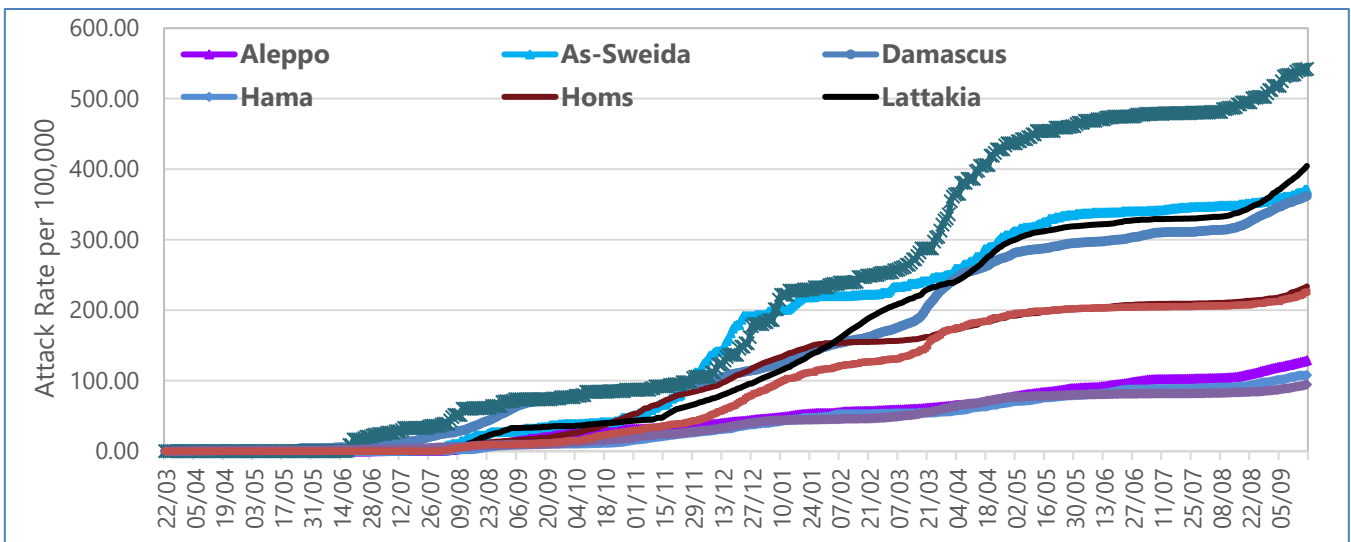
**The figure below is showing the daily distribution of reported confirmed COVID-19 cases and rolling seven-day average in top three governorates reported highest number of cases, 23 March 2020 – 18 September 2021, Syria.**



On 18 September 2021, the overall attack rate (AR) in Syria is **149.6** per 100,000 and **100%** (14/14) of governorates, with the total population of 21,181,134 people, have reported confirmed COVID-19 cases. In the epidemiological week 37/2021, COVID-19 weekly AR increased by **4%** in comparison to the previous week (149.64 and 134.95) respectively.

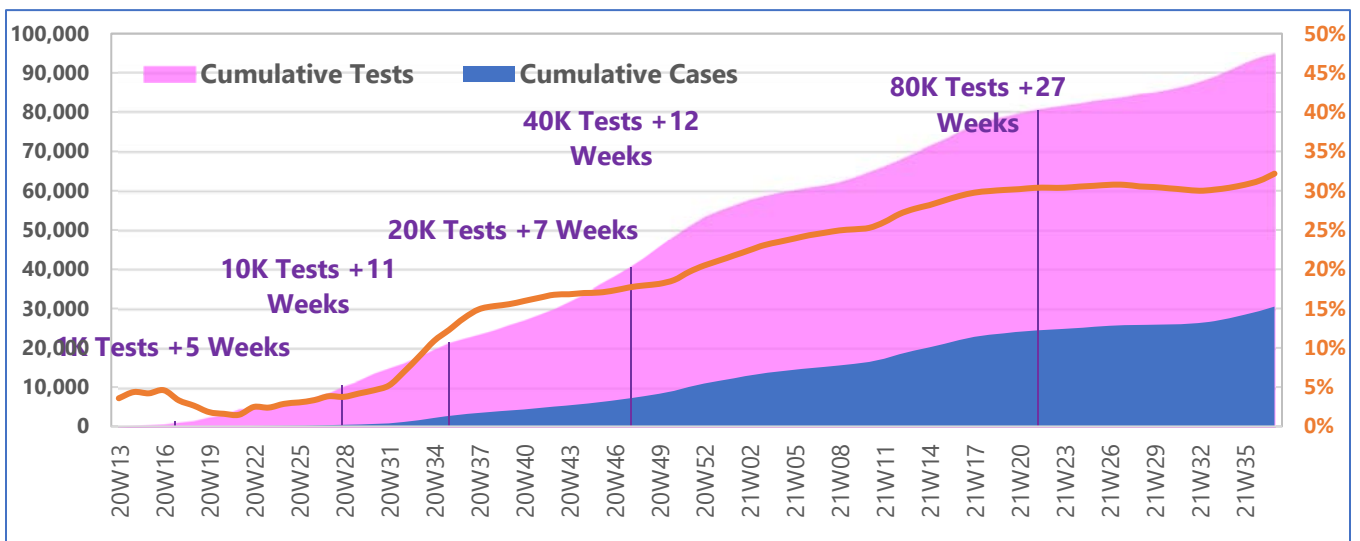
The highest AR is reported from **Quneitra (494.4/100,000)** followed by **Lattakia** governorate (376.8/100,000), **As-Sweida** governorate (**370.1/1,000,000**), **Damascus** governorate (**363.1/100,000**), **Homs** governorate (**223.0/100,000**), **Tartous** governorate (**217.0/100,000**), **Dar'a** governorate (**143.4/100,000**), **Aleppo** governorate (**121.4/100,000**), **Hama** governorate (**107.8/100,000**), **Rural Damascus (98.6/100,000)**, **Deir-ez-Zor** governorate (**52.4/100,000**), **Al- Hassakeh** governorate (**19.9/100,000**), and the lowest rate (**3.3/100,000**) in **Ar-Raqqa** governorate and Idleb (0.25/100,000).

**The following figure is showing the COVID-19 attack rate per 100,000 population in selected governorates, 23 March 2020 – 18 September 2021, Syria. As of 01 March 2021, there are 15 COVID-19 laboratories, out of them 8 COVID-19 laboratories in Syria, 5 laboratories in NWS and 2 laboratories in NS**

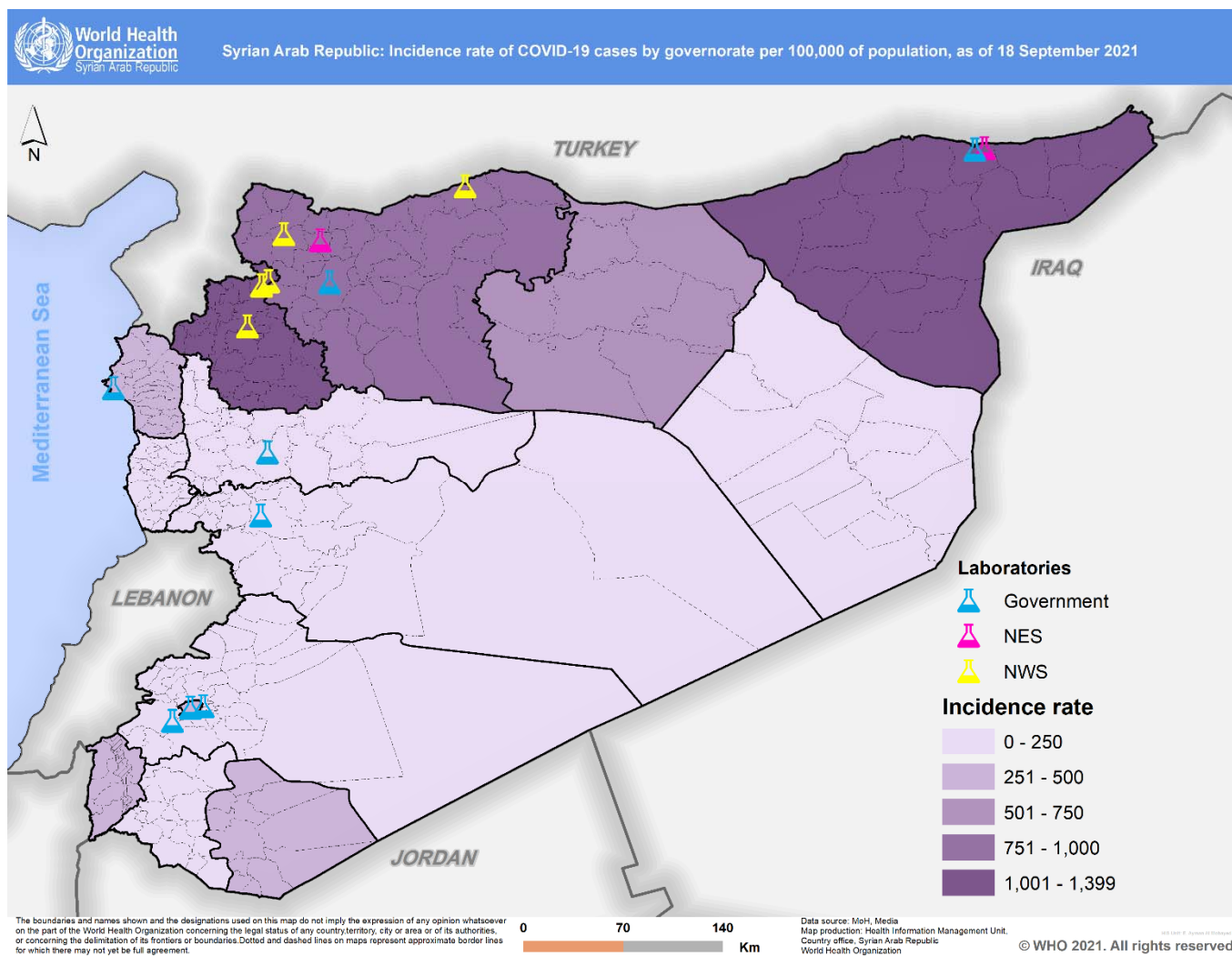


The overall positivity rate of all **408,684** COVID-19 tests conducted in **Syria** (23 March 2020 - 18 September 2021) was **26.9%**. Since the beginning of COVID-19 testing in Syria, the first 1,000 tests were conducted in 5 weeks, reaching 5,000 tests in 6 weeks, 10,000 tests in 11 weeks, 20,000 tests in 17 weeks, 40,000 tests in 27 weeks and 80,000 tests in 47 weeks.

**The graphs below are showing the cumulative number of Samples tested and Positivity rate, 23 March 2020 – 18 September 2021, Syria.**



The map below is showing COVID-19 Attack Rate (AR) by governorates and the location of COVID-19 laboratories, 23 March 2020 – 18 September 2021, Syria.



## 5. Useful COVID-19 links:

WHO Syria, COVID-19 Dashboard (English):

<https://app.powerbi.com/view?r=eyJrIjoiaNMyS0GYzNDYtNjZhMy00MWlyLWlyMzctYzctMmMl3ZDNlODk5IiwidCI6ImY2MTBjMGI3LWJkMjQjOTNGIzOS04MTBiLTNkYzI4MGFmYjU5MCIslmMiOjh9>

MOH Syria, COVID-19 Dashboard (Arabic):

<https://app.powerbi.com/view?r=eyJrIjoiaTA0NWxZmYtMDJiM000ZWU0LTIiNTktZTViZjYwYThjZmUzIiwidCI6ImY2MTBjMGI3LWJkMjQjOTNGIzOS04MTBiLTNkYzI4MGFmYjU5MCIslmMiOjh9>

NWS, COVID-19 Dashboard (EWARN):

<https://app.powerbi.com/view?r=eyJrIjoiaNRIiMmZiMTAtNWYzZC00M2RmLWVhOTktZWZlMjQ0NmFhOWVhIiwidCI6ImY2MTBjMGI3LWJkMjQjOTNGIzOS04MTBiLTNkYzI4MGFmYjU5MCIslmMiOjh9&pageName=ReportSectionb57388c4c756b1036a93>

COVID-19 situation in EMRO Region reports: <http://www.emro.who.int/health-topics/corona-virus/index.html>

Latest global WHO weekly update on COVID-19, 20 September 2021: <https://www.who.int/publications/m/item/weekly-operational-update-on-covid-19---20-september-2021>

WHO COVID-19 Country and Technical Guidance: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance>