

Evidenze di correlazione  
tra eccessi mortalità  
e campagna vaccinale  
in 80 anni e oltre

# ANALISI Decessi 80+ Anni



Tesi:

1

La mortalità degli over 80 nel 2021 è stata **SUPERIORE** alla media del quinquennio 2015-19 di circa 33.000 unità concentrate esattamente nel periodo delle vaccinazioni e in parte anche nei mesi estivi successivi (concentrati però nelle regioni del Sud)

2

L'eccesso di mortalità si concentra in coincidenza con le **SECONDE DOSI**, la cui campagna coincide anche con l'andamento dei casi positivi **SEVERI**.

3

Analizzando la mortalità normalizzata per popolazione, si vede che nella maggioranza delle regioni la mortalità rimane in tutte e 3 le ondata entro valori consueti. Tuttavia la **Lombardia** con la sua particolare situazione di forte eccesso di mortalità nel 2020, condiziona i numeri totali.

4

La **CORRELAZIONE** tra campagne vaccinali e aumento dell'eccesso di mortalità è evidente nella sincronicità sia dell'inizio che del completamento delle campagne. Particolare ed esemplificativo il **Trentino Alto Adige** che, a differenza dalle altre regioni, ha un aumento dei decessi corrispondente alle vaccinazioni già da inizio gennaio.



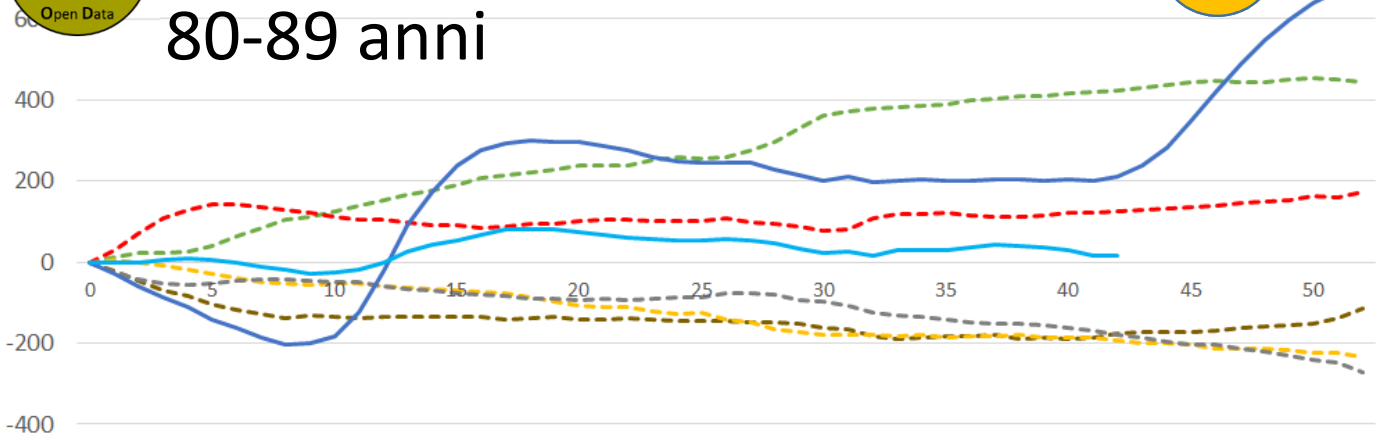
Correlazione tra  
eccessi di mortalità e  
campagna vaccinale  
negli 80 – 89 anni



Eccesso Decessi settimanali Cumulativi normalizzati su media 2015/2019

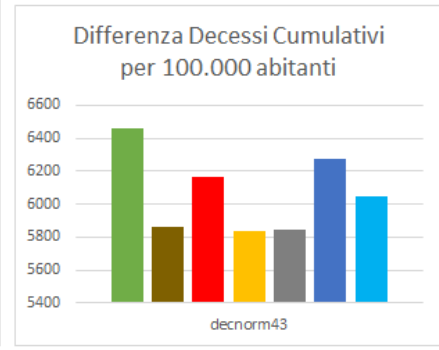
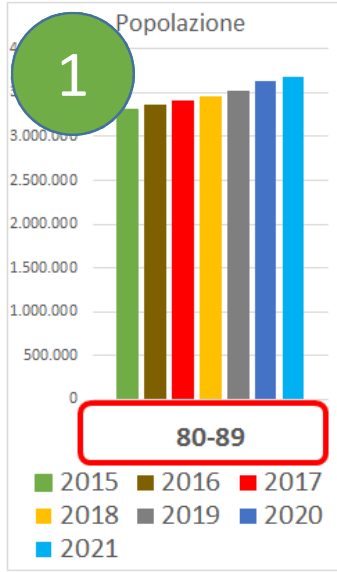
# 80-89 anni

3



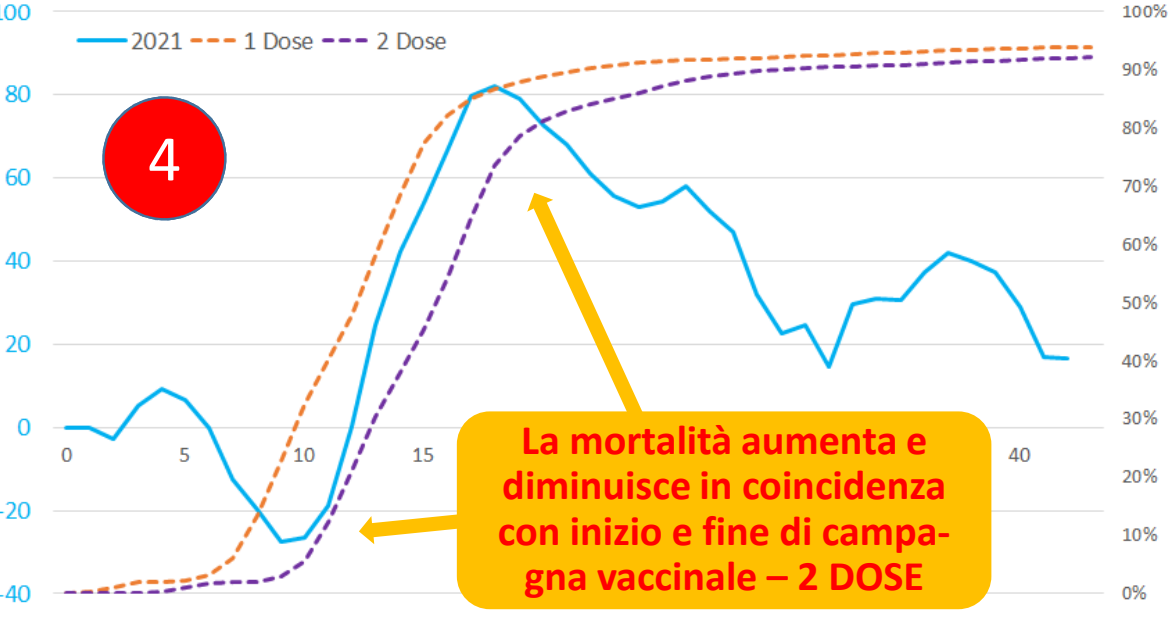
### Dati a settimana 43

Decessi 2021 **222.233**  
 Scarto 2021 - 2020 **-5.320**  
 Scarto 2021 - media **16.359**  
 Scarto 2020 - media **21.679**



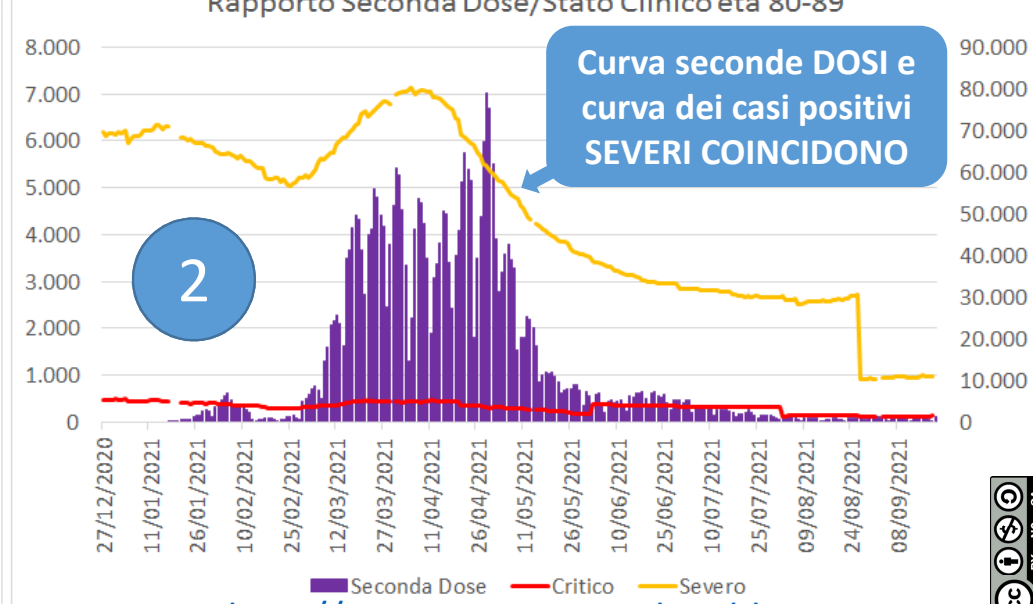
Eccesso Decessi settimanali Cumulativi normalizzati su media 2015/2019 VS Vaccinazioni 1 e 2 dose

4

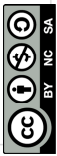


**La mortalità aumenta e diminuisce in coincidenza con inizio e fine di campagna vaccinale – 2 DOSE**

Rapporto Seconda Dose/Stato Clinico età 80-89

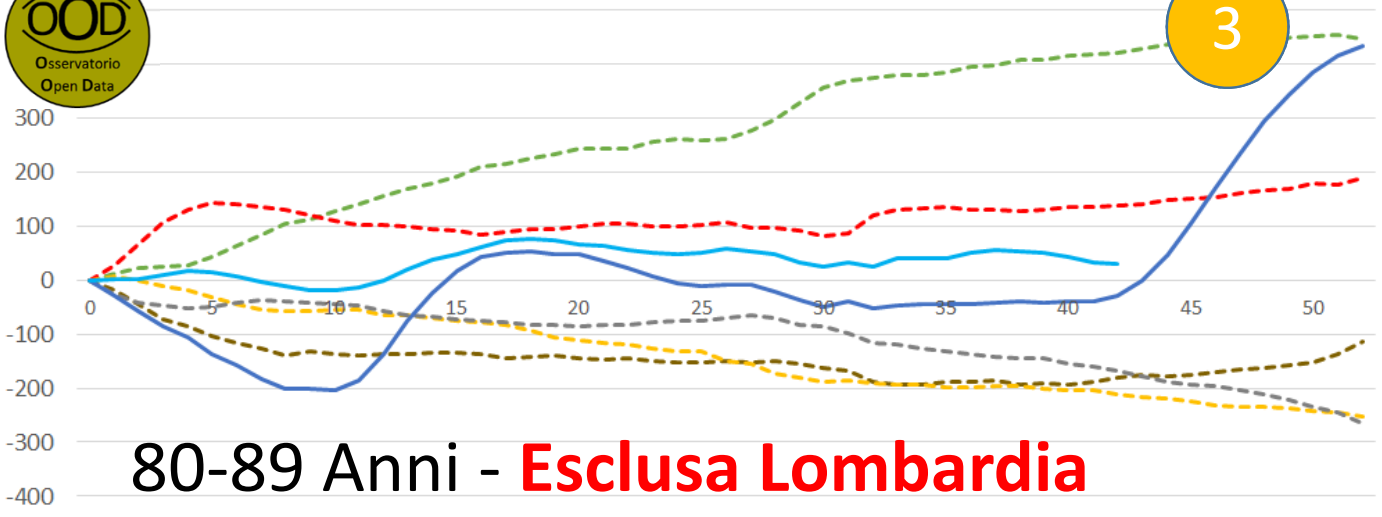


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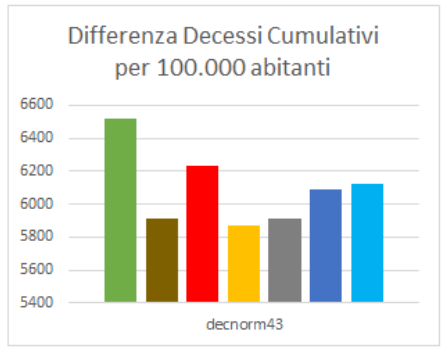
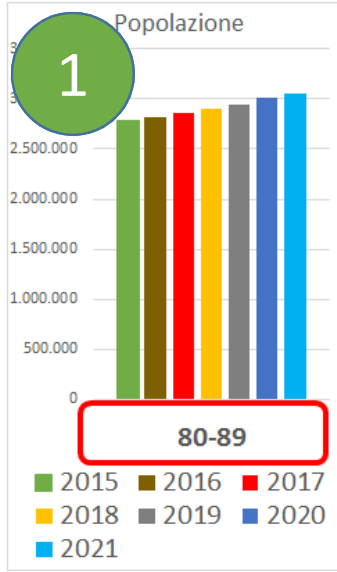
Eccesso Decessi settimanali Cumulativi normalizzati su media 2015/2019



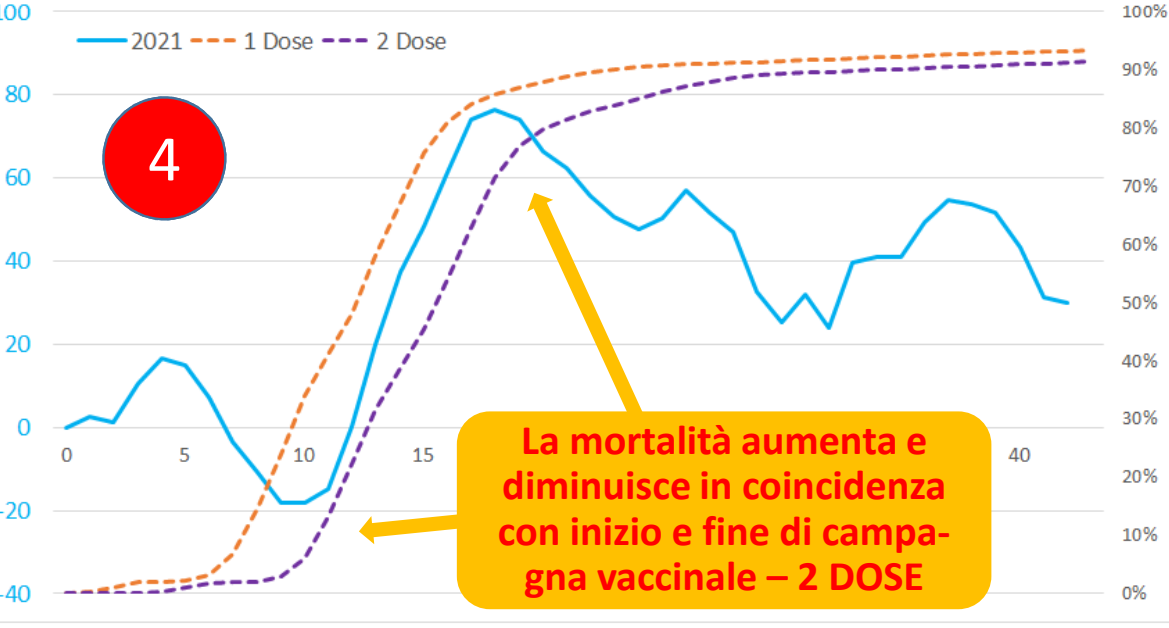
# 80-89 Anni - Esclusa Lombardia

## Dati a settimana 43

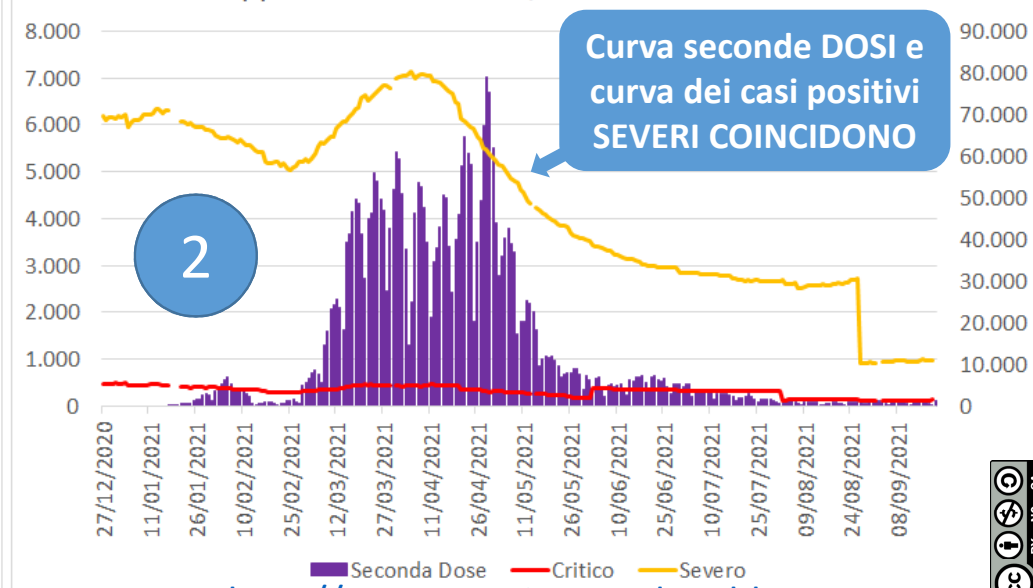
Decessi 2021 **187.303**  
 Scarto 2021 - 2020 **3.458**  
 Scarto 2021 - media **13.179**  
 Scarto 2020 - media **9.721**



Eccesso Decessi settimanali Cumulativi normalizzati su media 2015/2019 VS Vaccinazioni 1 e 2 dose



Rapporto Seconda Dose/Stato Clinico età 80-89

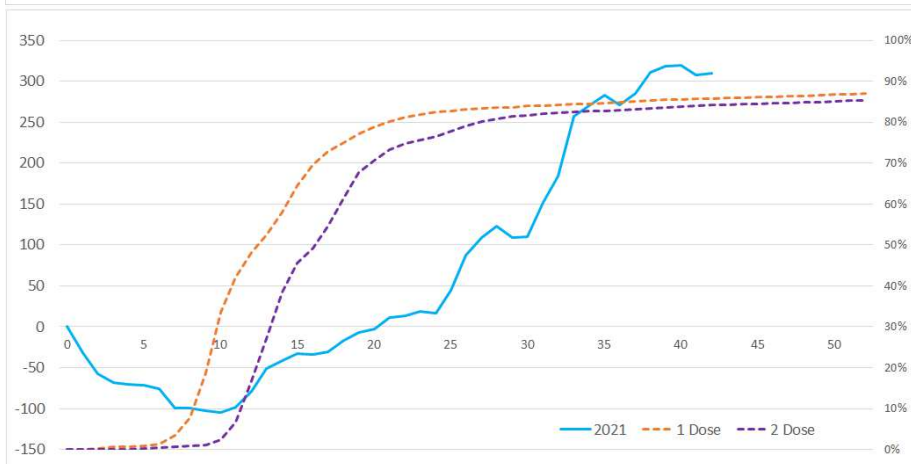
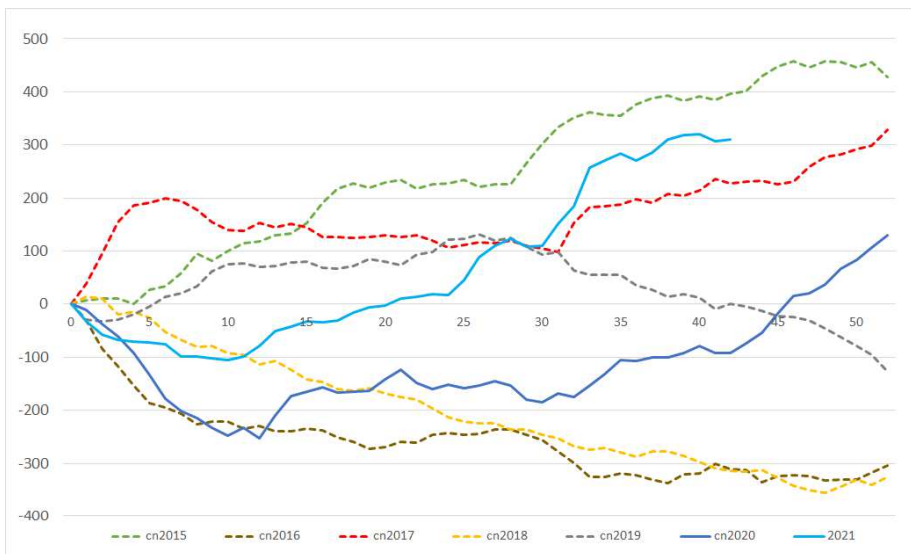


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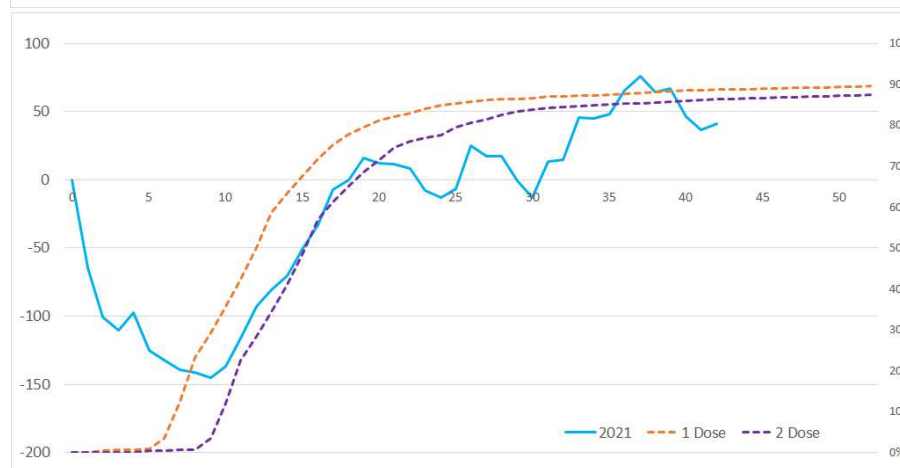
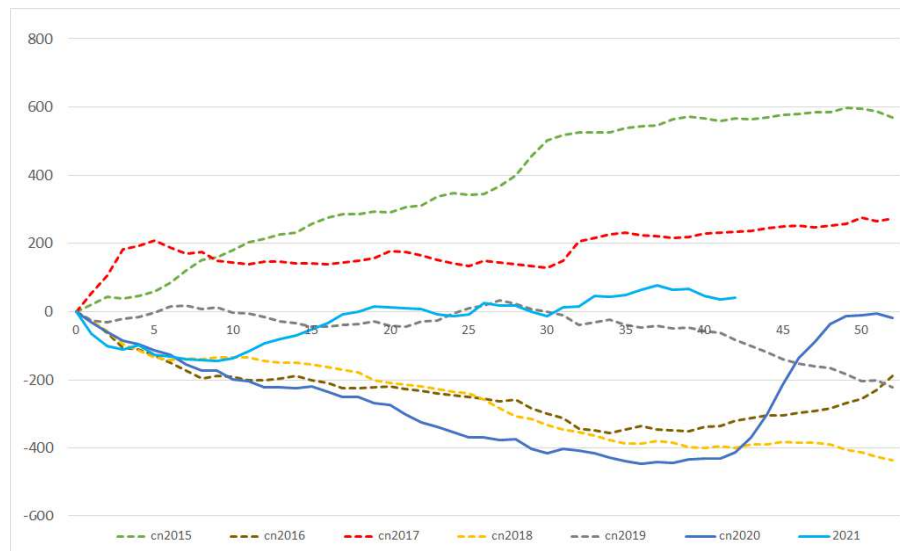


## Calabria



## Campania

# 80 - 89 Anni

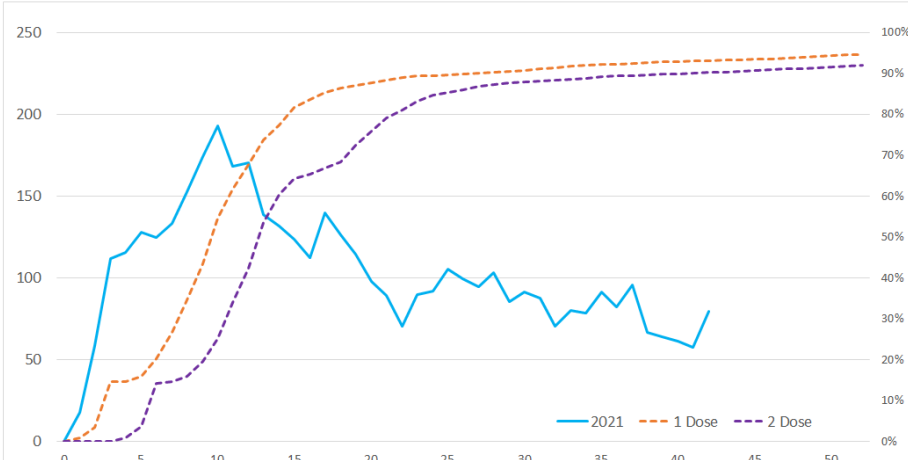
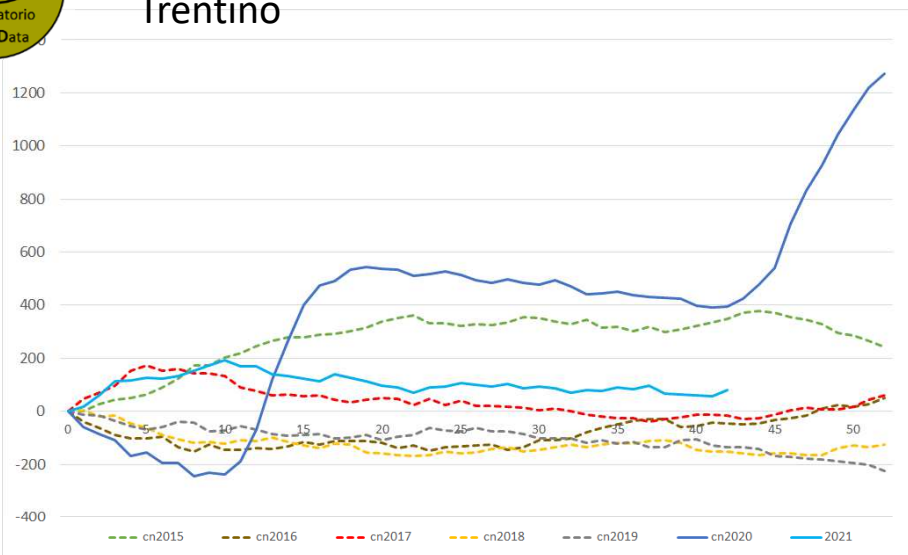


<http://osservatorioopendata.blogspot.com>



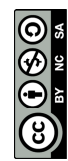
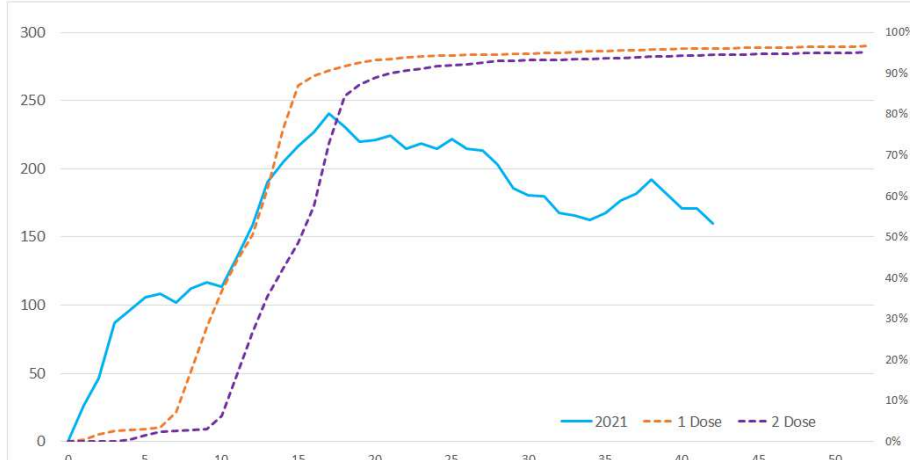
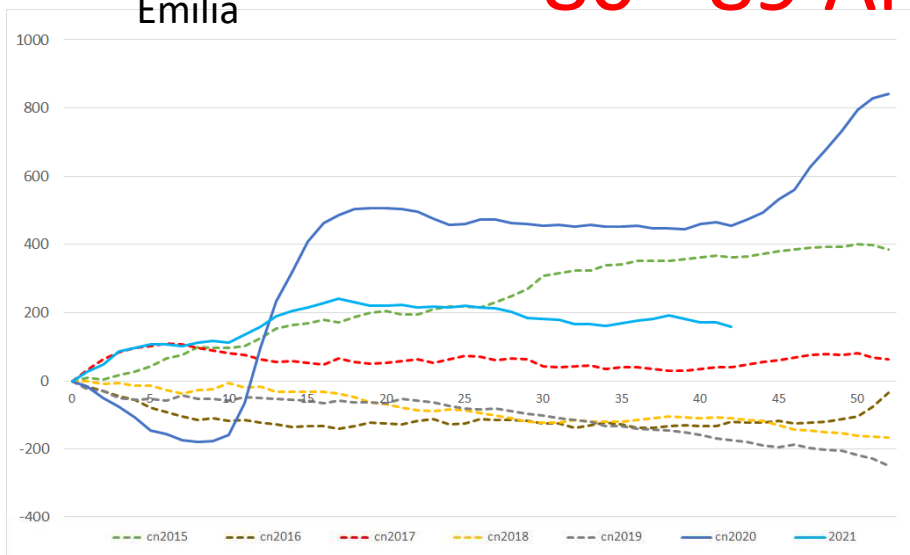


## Trentino



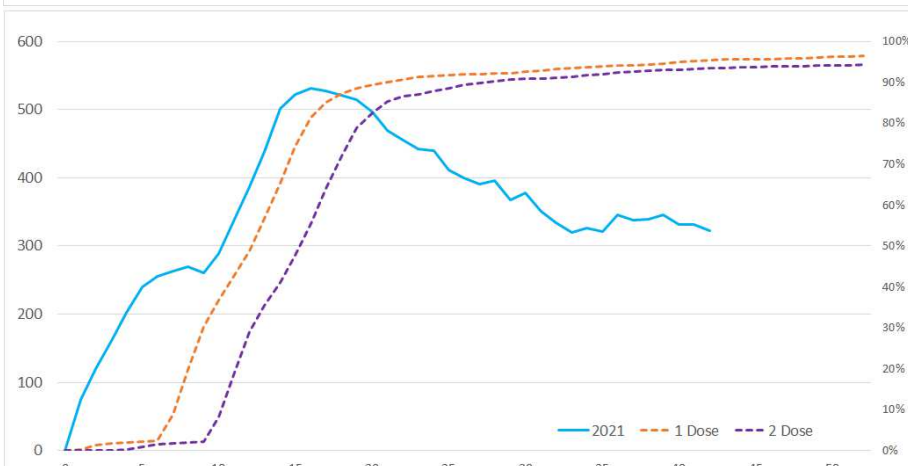
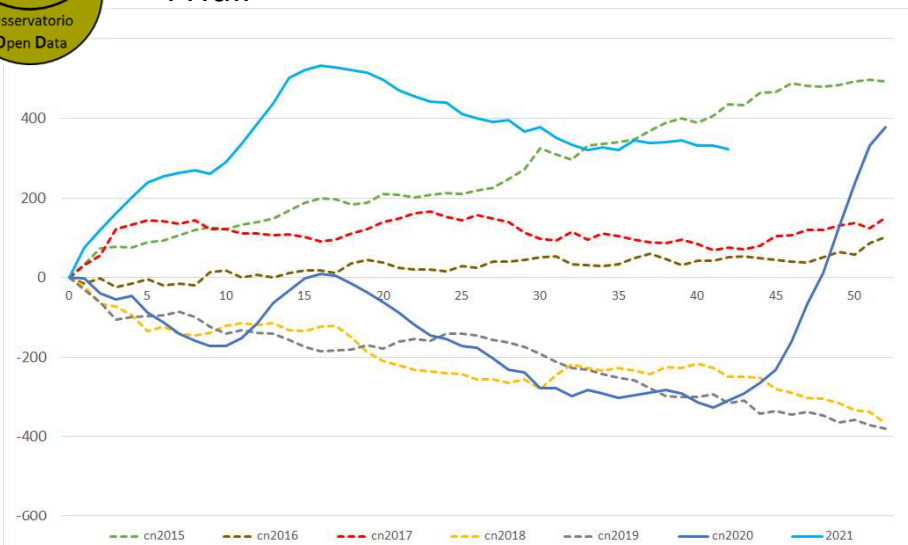
## 80 - 89 Anni

## Emilia



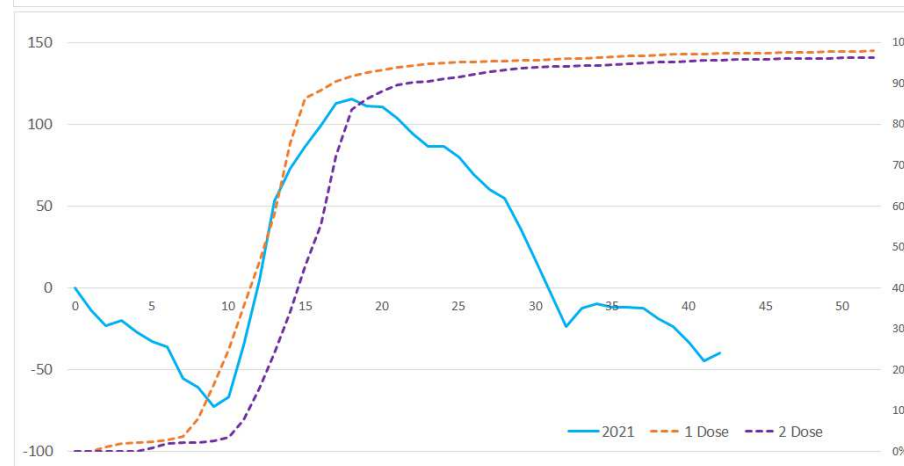
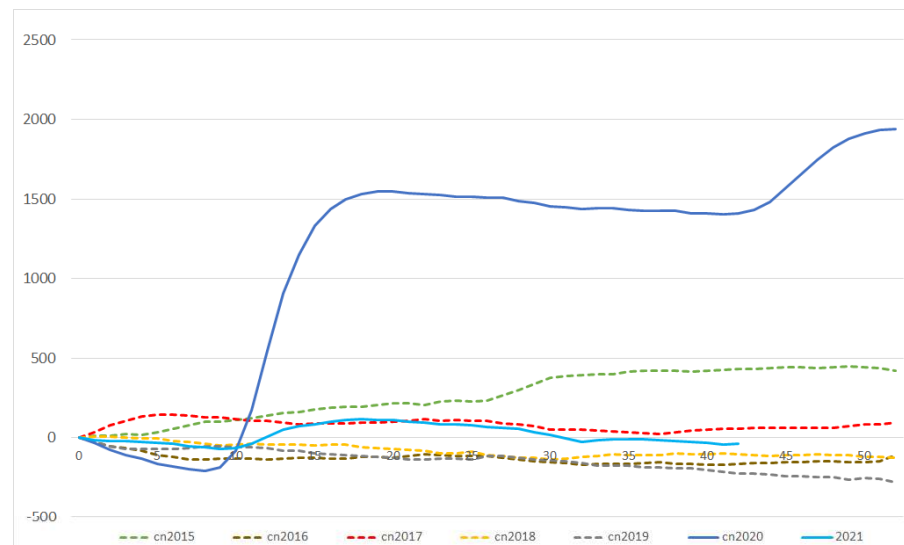


## Friuli



## Lombardia

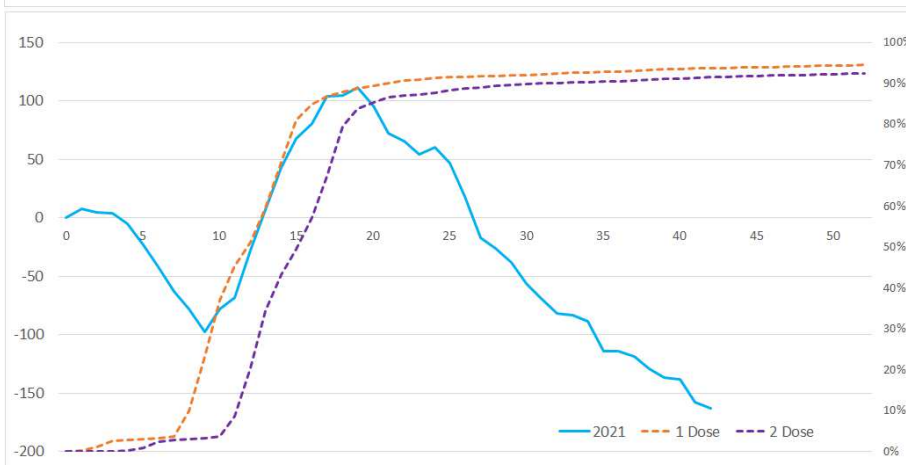
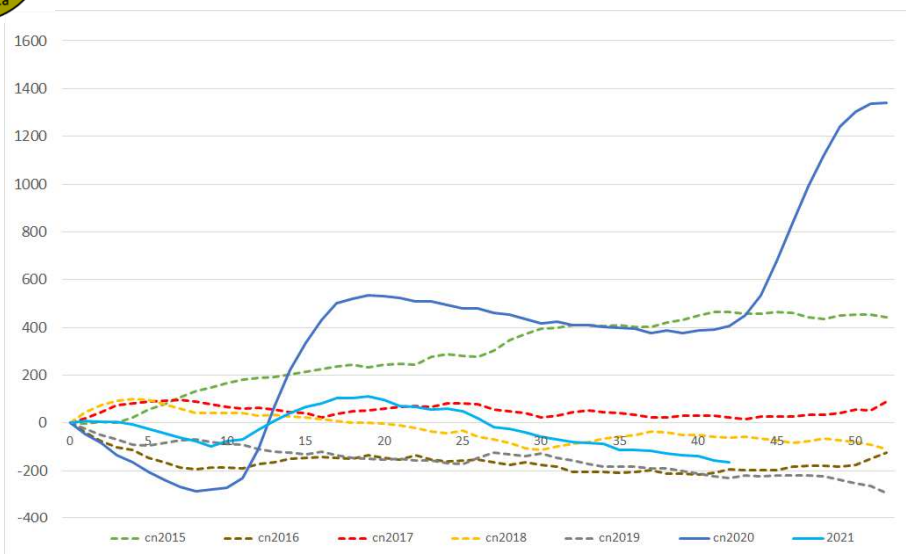
# 80 - 89 Anni





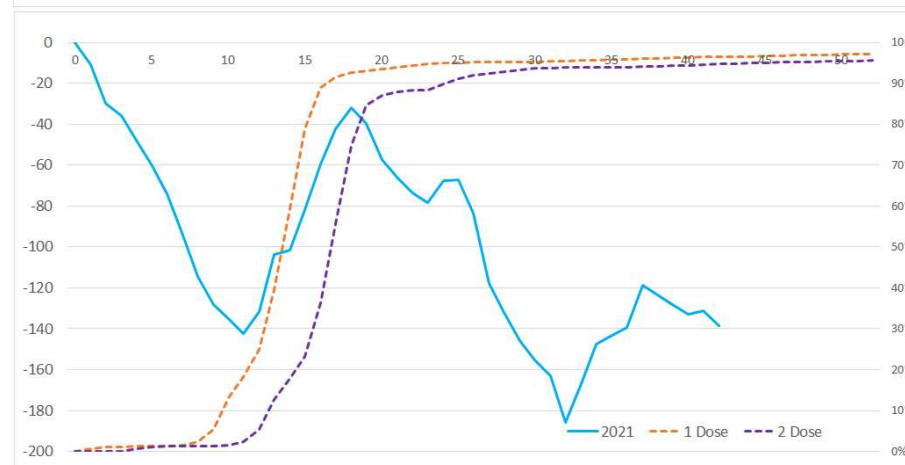
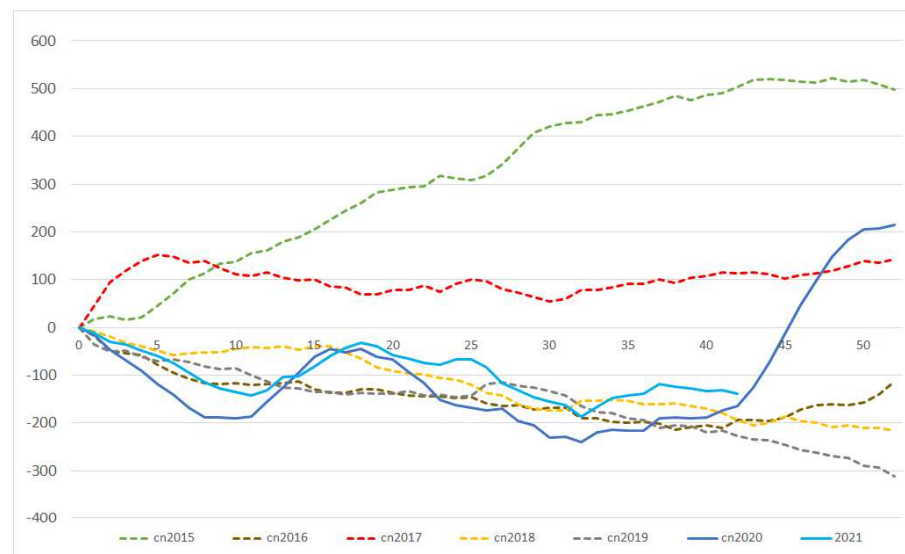


## Piemonte



## Toscana

# 80 - 89 Anni



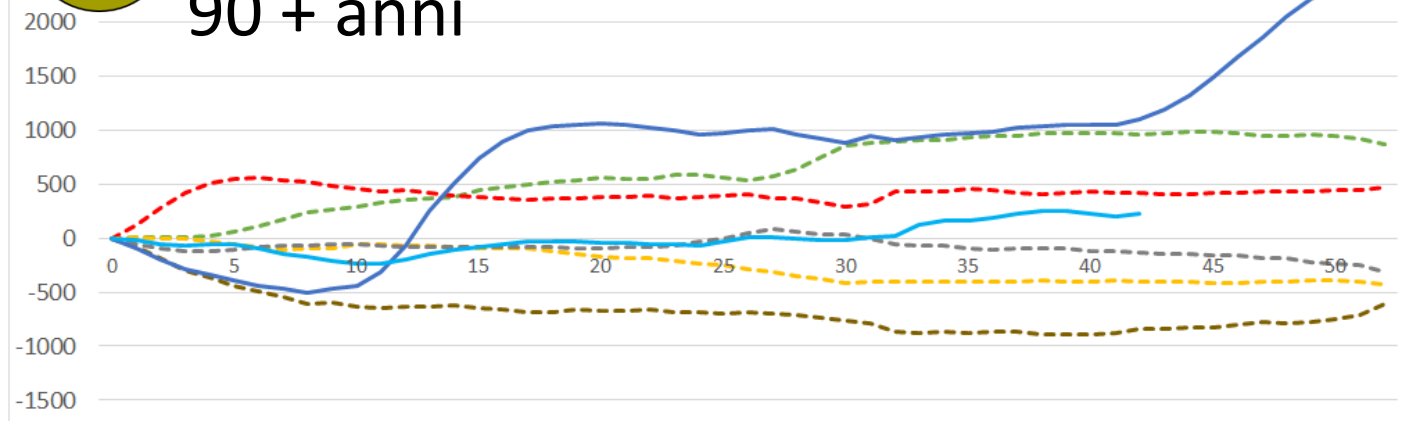
Correlazione tra  
eccessi mortalità e  
campagna vaccinale  
oltre i 90 anni



Eccesso Decessi settimanali Cumulativi normalizzati su media 2015/2019

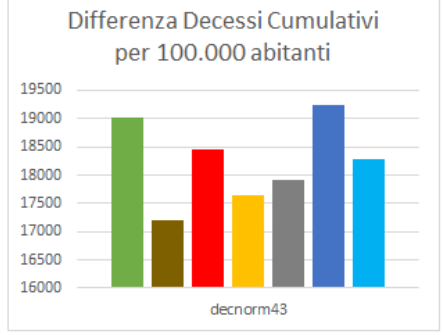
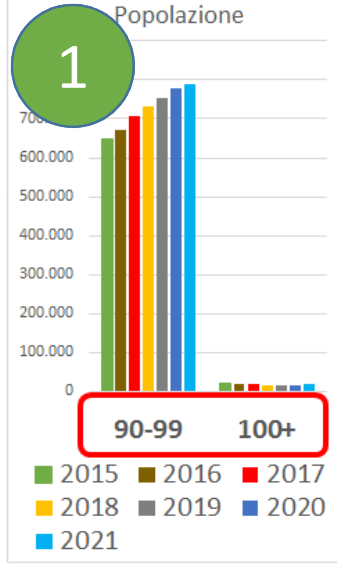
# 90 + anni

3



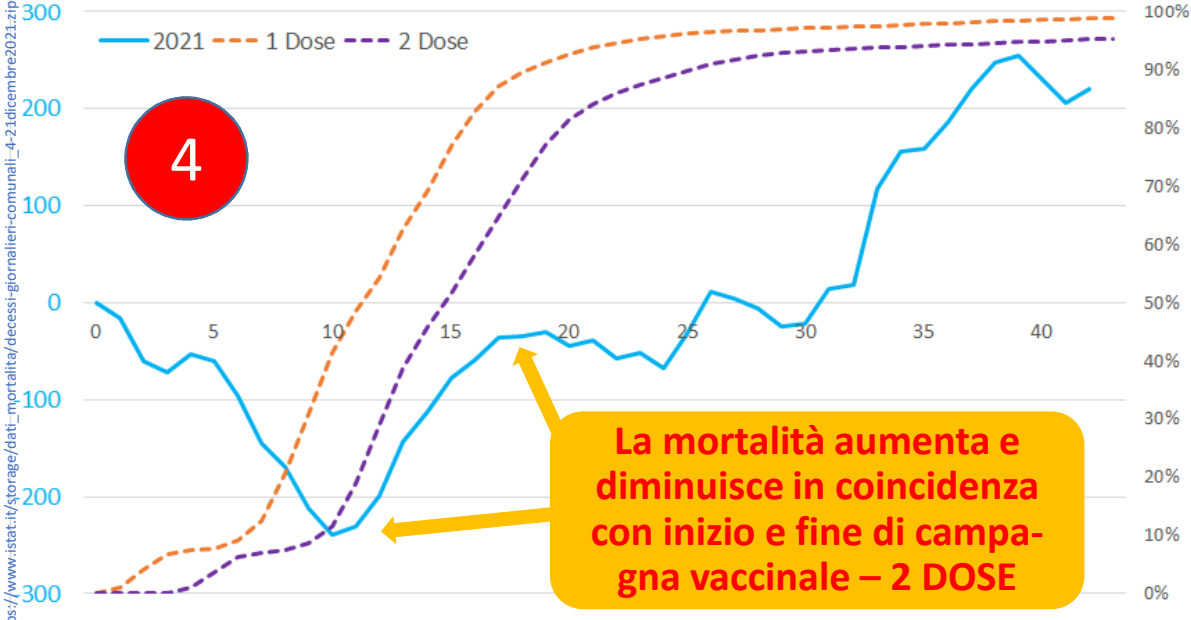
### Dati a settimana 43

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 Scarto 2021 - 2020 **-5.078**  
 Scarto 2021 - media **17.661**  
 Scarto 2020 - media **22.739**



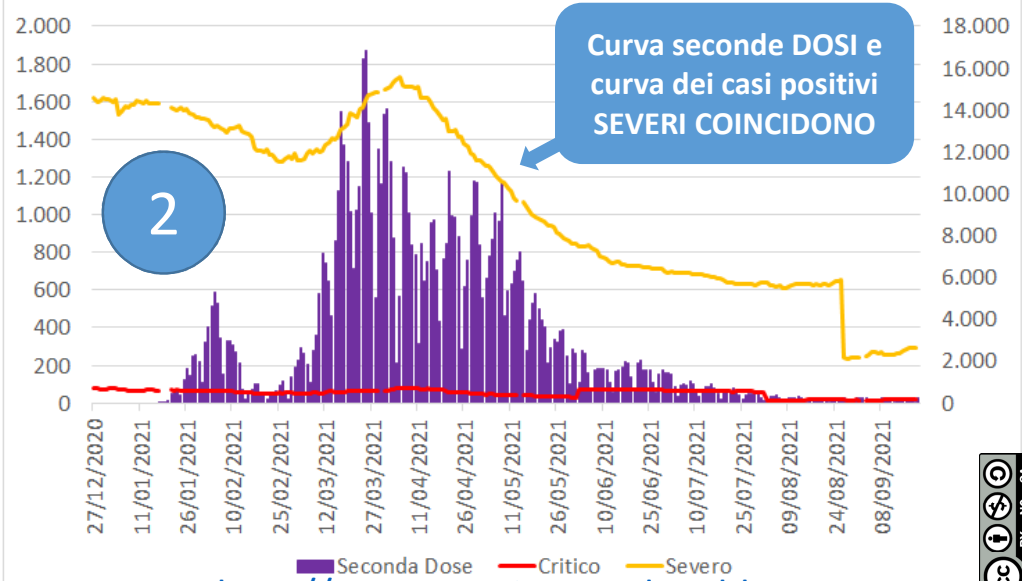
Eccesso Decessi settimanali Cumulativi normalizzati su media 2015/2019 VS Vaccinazioni 1 e 2 dose

4

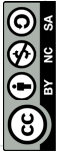


**La mortalità aumenta e diminuisce in coincidenza con inizio e fine di campagna vaccinale – 2 DOSE**

### Rapporto Seconda Dose/Stato Clinico età >90



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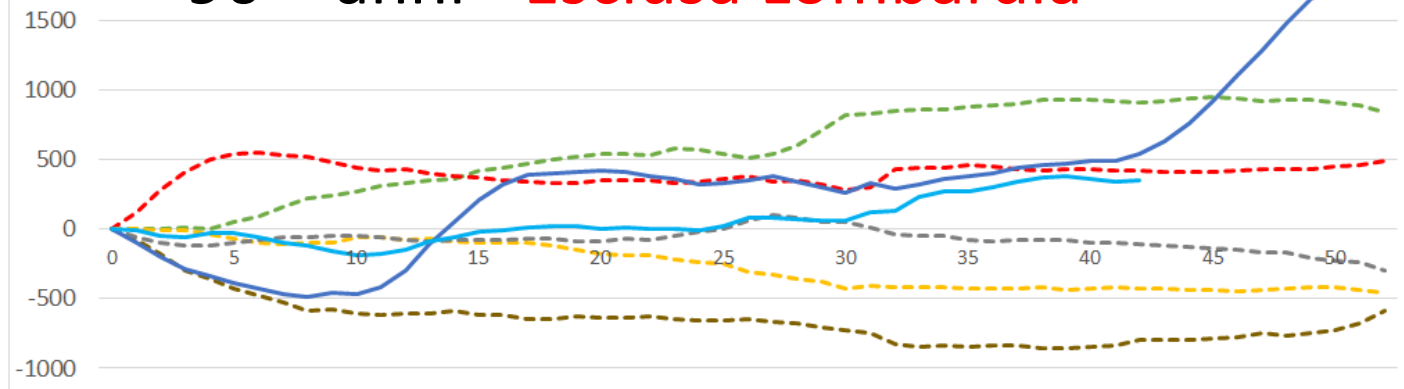




Eccesso Decessi settimanali Cumulativi normalizzati su media 2015/2019

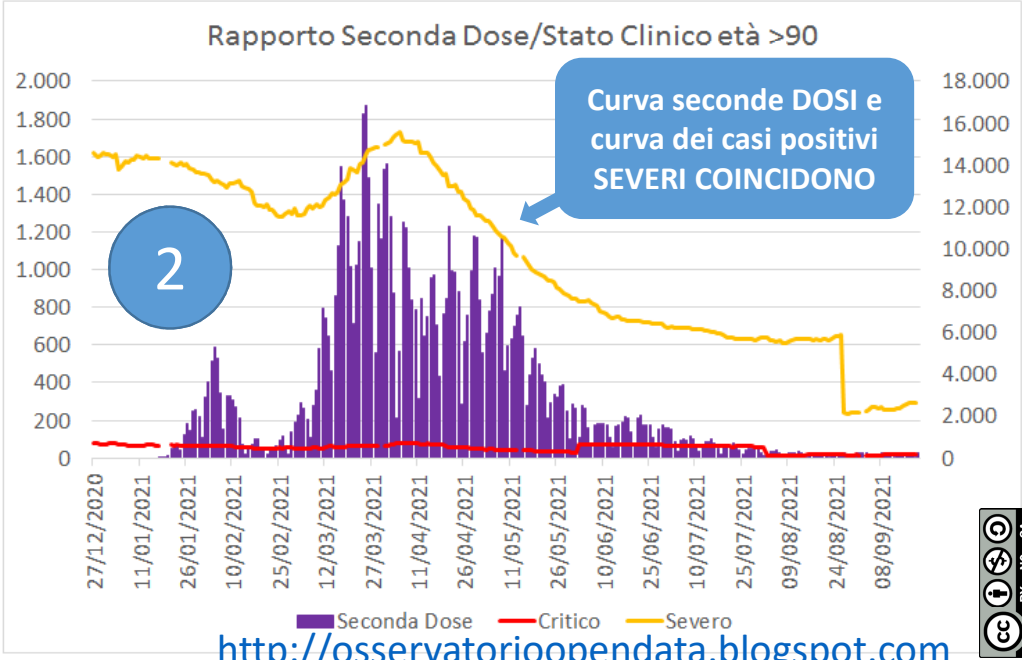
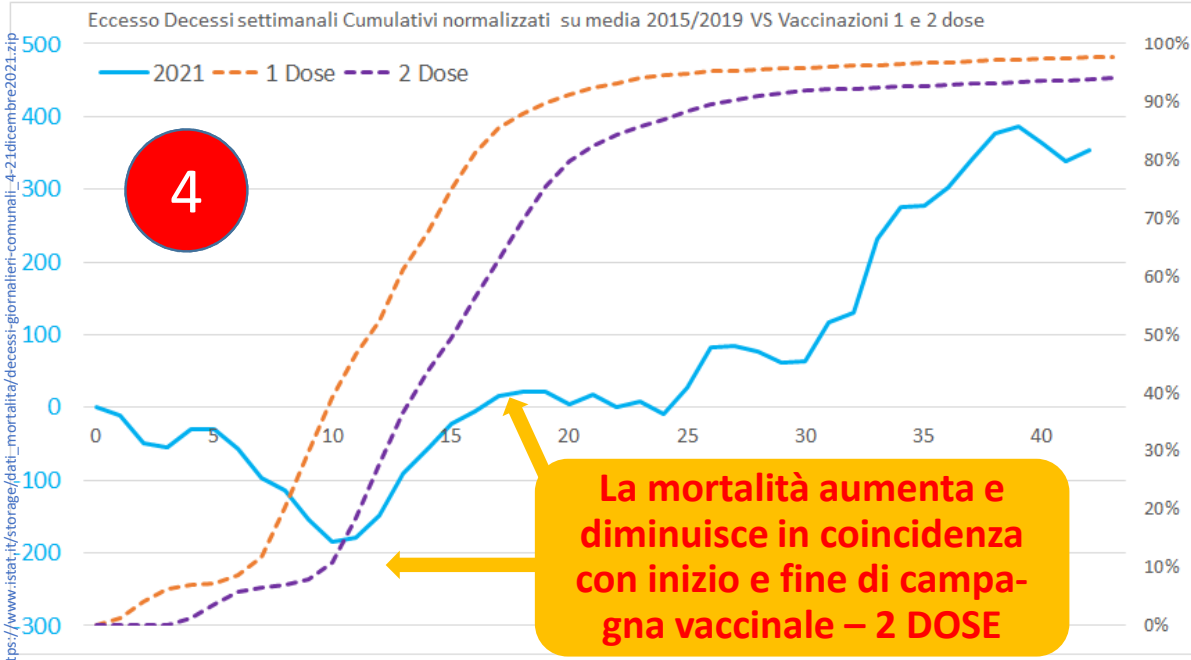
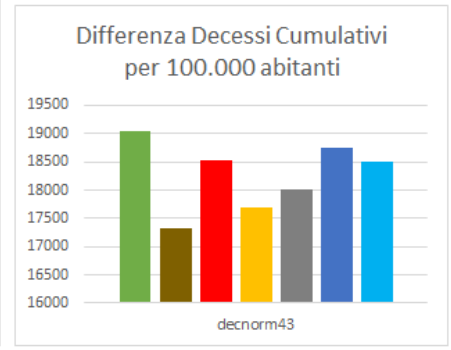
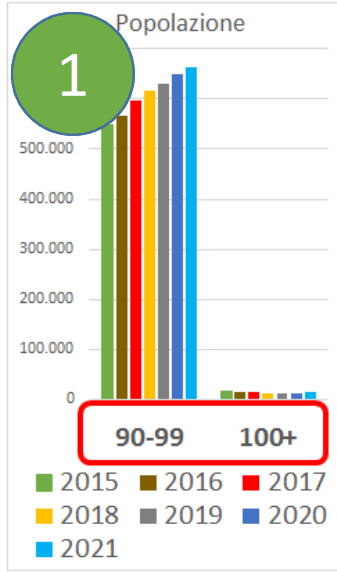
3

# 90 + anni - Esclusa Lombardia



Dati a settimana 43

Decessi 2021 **125.533**  
 Scarto 2021 - 2020 **1.100**  
 Scarto 2021 - media **15.784**  
 Scarto 2020 - media **14.684**

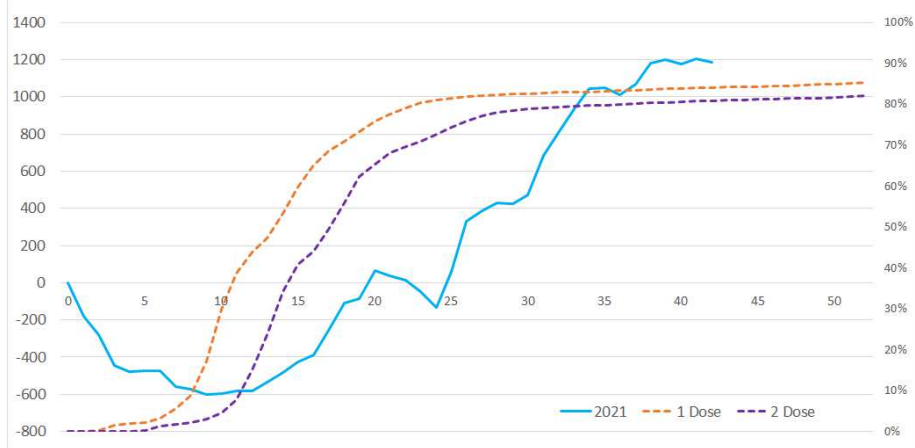
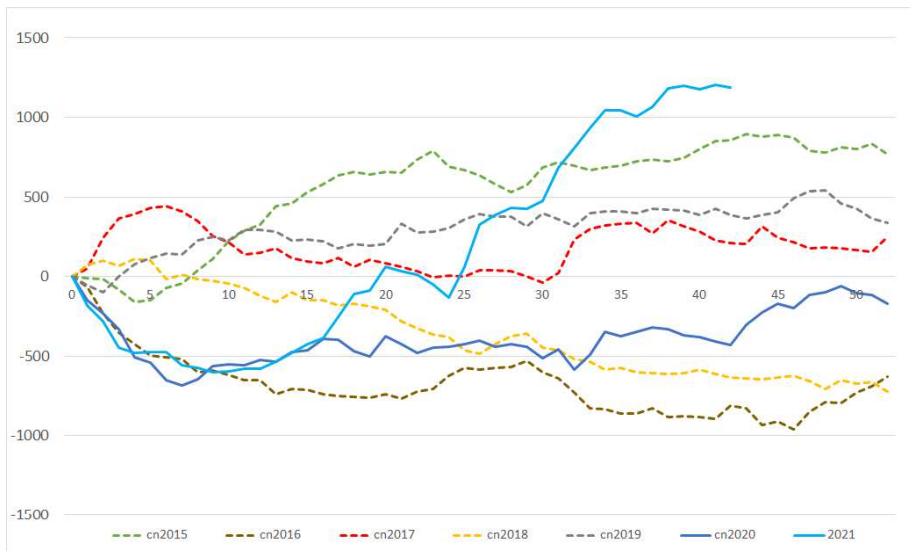


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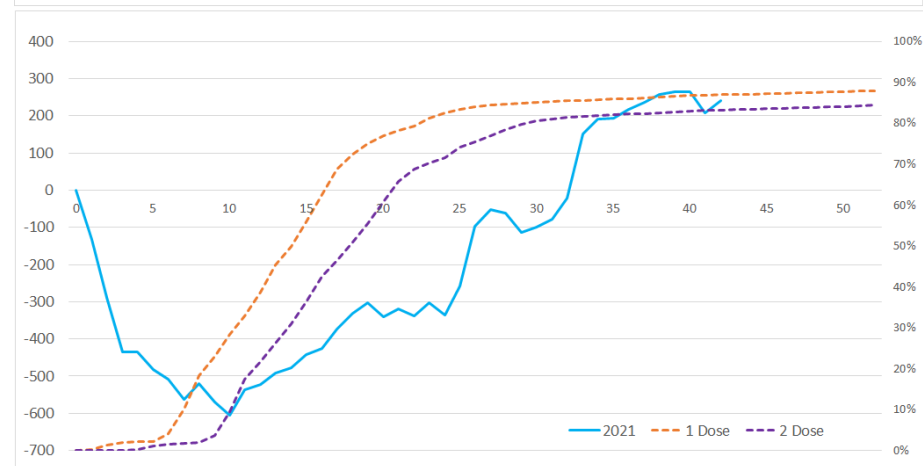
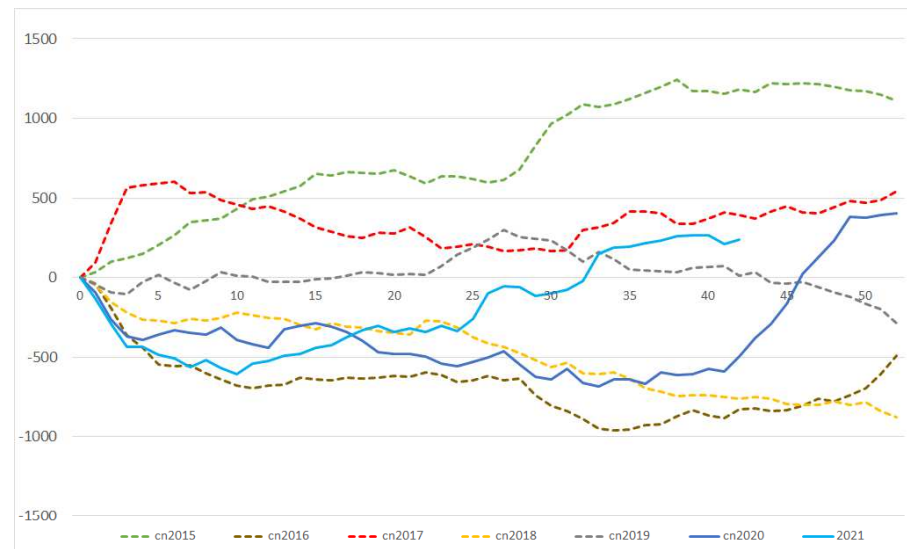


## Calabria



## Campania

# 90+ Anni

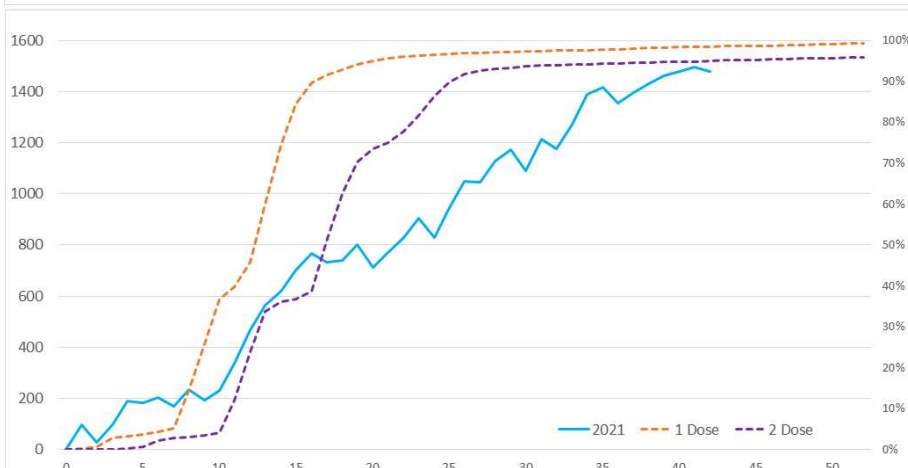
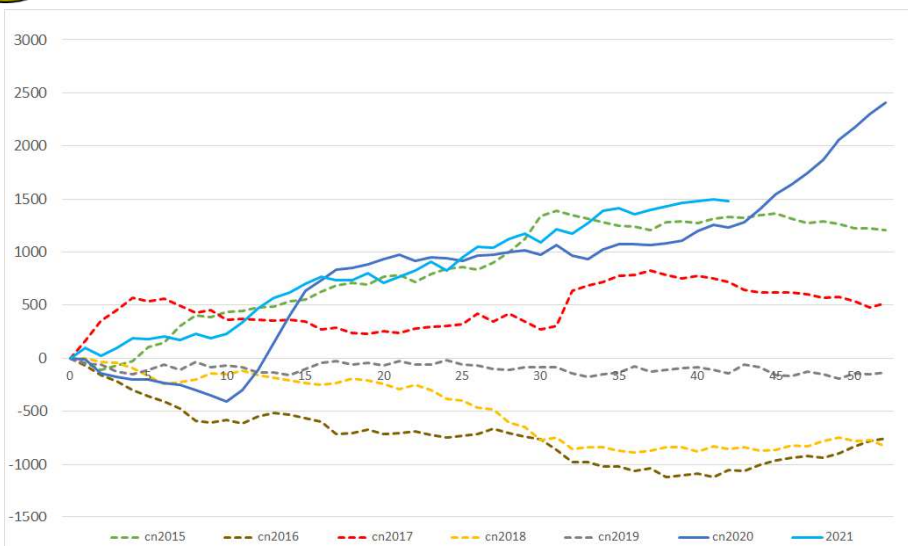


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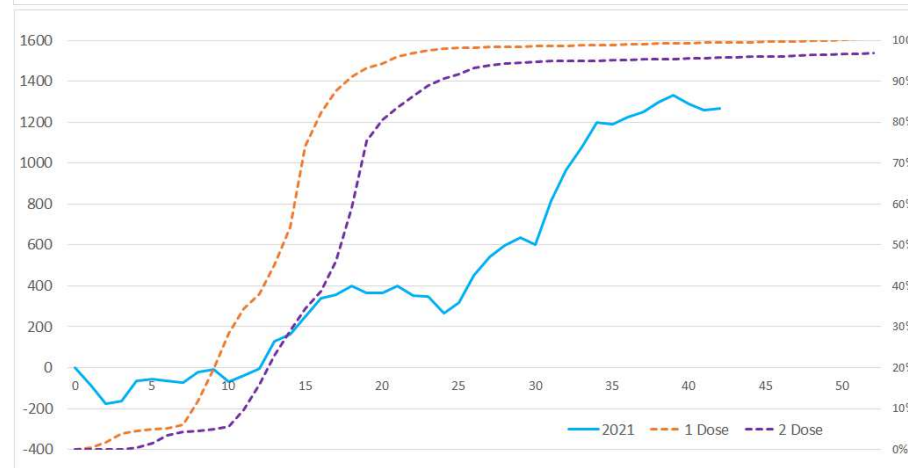
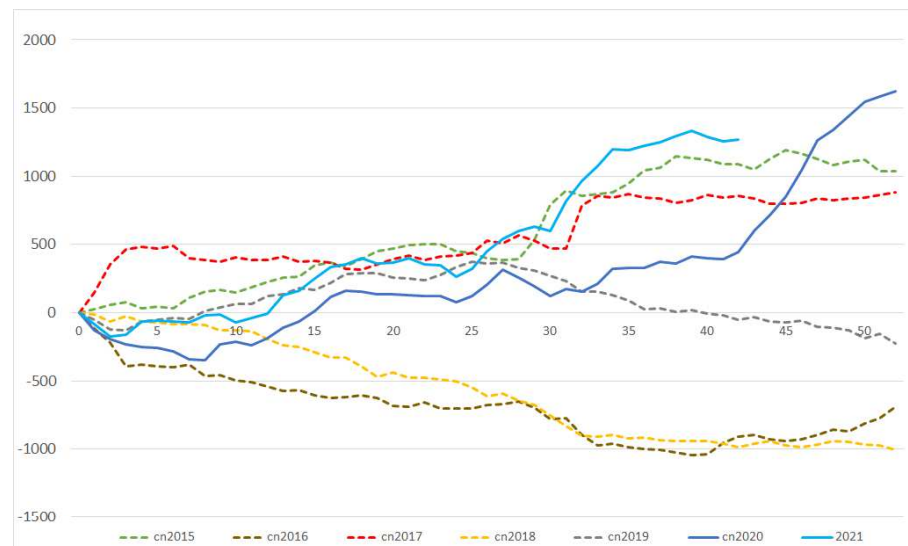


## Marche



## Puglia

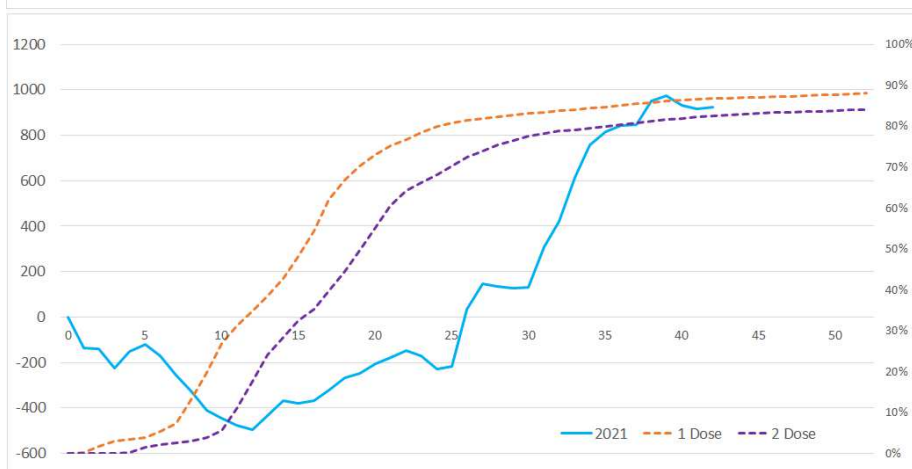
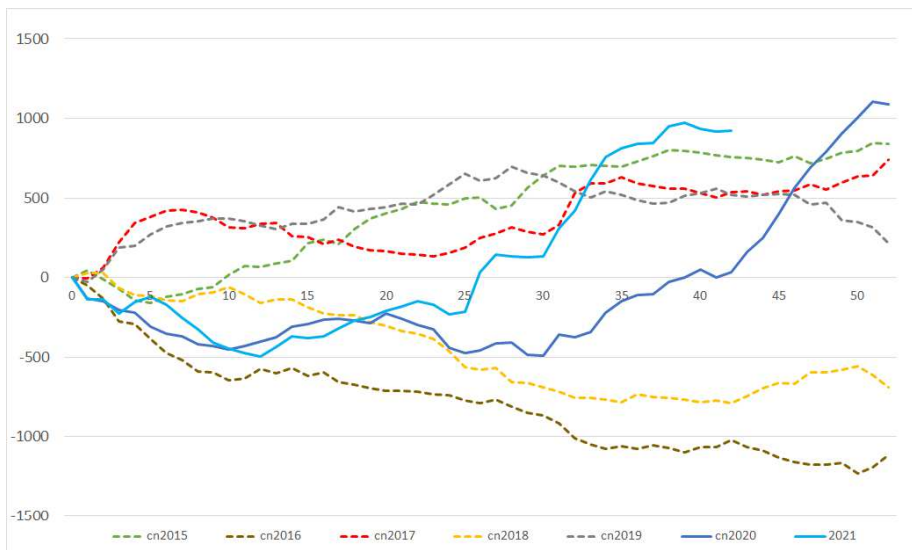
# 90+ Anni





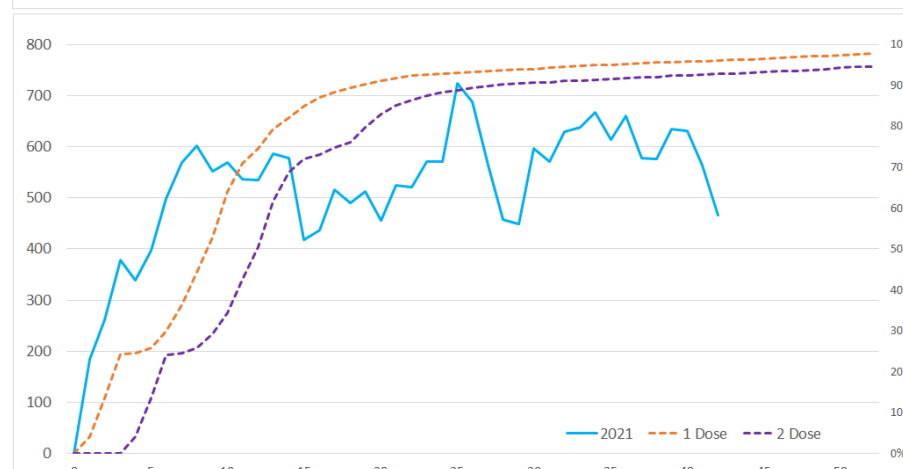
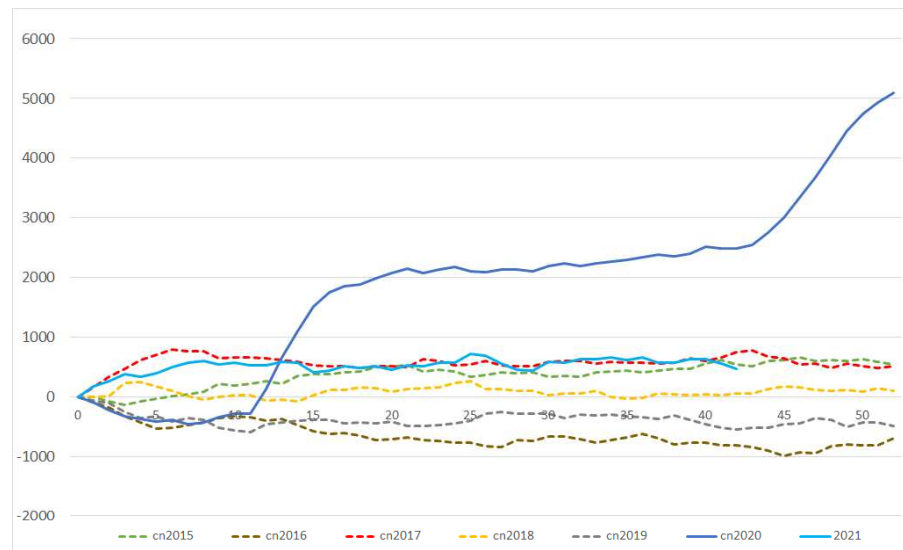


## Sicilia



## Trentino

# 90+ Anni



<http://osservatorioopendata.blogspot.com>



https://www.istat.it/storage/dati\_mortalita/decessi-giornalieri-comunali\_4-21dicembre2021.zip