

Covid-19

March 28, 2020

1 Covid-19 Analysis

Italian Analysis Covid-19 situation based on Protezione Civile data. The data are updated daily at 18.30 on git. Please re-run all code in this Notebook for the updates.

Please visit <https://github.com/pasalino/Covid-19-PyAnalysis> to access code for create this report. Please star

UPDATE DATA...

PULL

DONE PULL

1.1 National Data

Today:

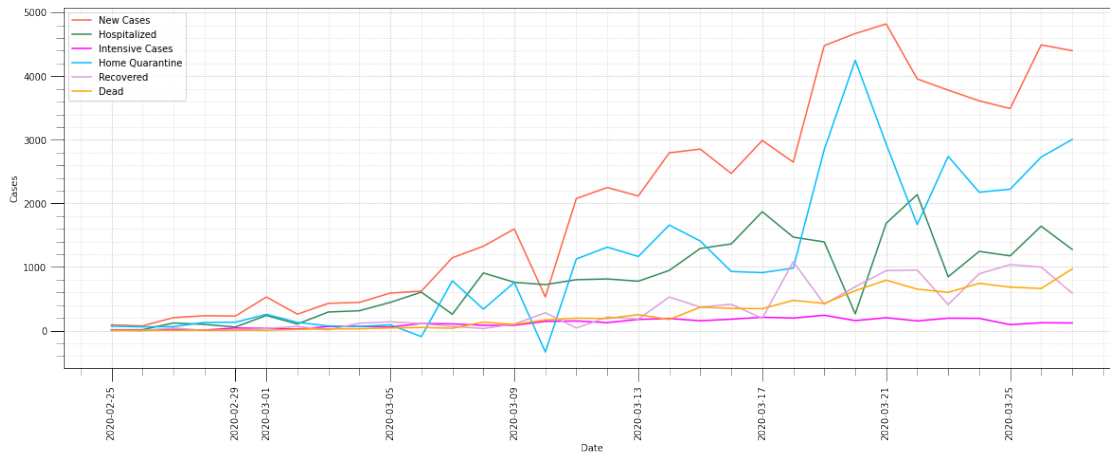
```
[206]: DATA INFO  HOSP. MILD  INTENSIVE CASES  TOTAL HOSPIT.  HOME QUAR.  \
32  2020-03-27          26029          3732          29761          36653

      TOTAL POSITIVE  NEW POSITIVE  RECOVERED  DEAD  TOTAL CASES  SWABS
32              66414          4401      10950  9134          86498  394079
```

1.1.1 Daily incremental data

```
[208]: DATA INFO  HOSP. MILD  INTENSIVE CASES  TOTAL HOSPIT.  HOME QUAR.  \
32  2020-03-27          1276          120          1396          3005

      TOTAL POSITIVE  NEW POSITIVE  RECOVERED  DEAD  TOTAL CASES  SWABS
32              4401          4401      589    969          5959  33019
```

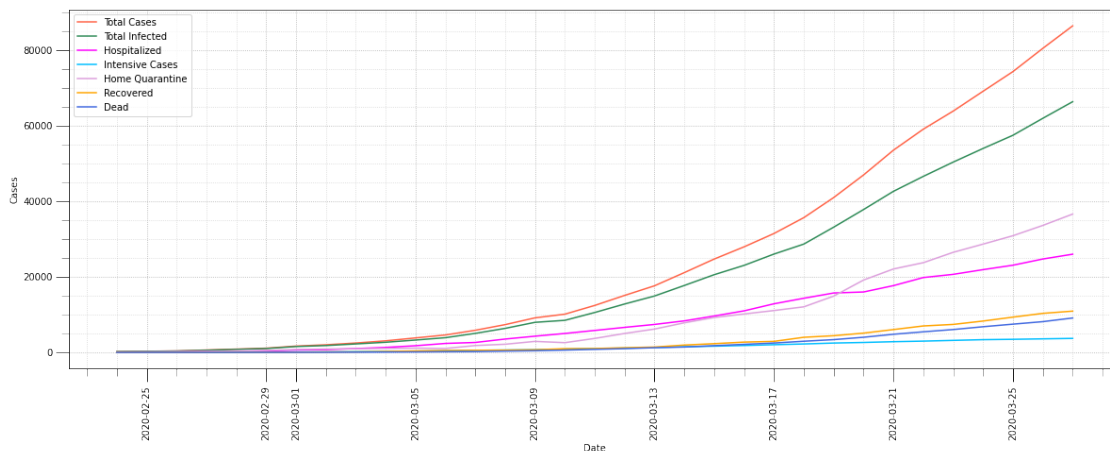


Last 5 days:

[210]:	DATA INFO	HOSP. MILD	INTENSIVE CASES	TOTAL HOSPIT.	HOME QUAR.	\
28	2020-03-23	846	195	1041	2739	
29	2020-03-24	1245	192	1437	2175	
30	2020-03-25	1175	93	1268	2223	
31	2020-03-26	1641	123	1764	2728	
32	2020-03-27	1276	120	1396	3005	

	TOTAL POSITIVE	NEW POSITIVE	RECOVERED	DEAD	TOTAL CASES	SWABS
28	3780	3780	408	601	4789	17066
29	3612	3612	894	743	5249	21496
30	3491	3491	1036	683	5210	27481
31	4492	4492	999	662	6153	36615
32	4401	4401	589	969	5959	33019

1.1.2 Trend

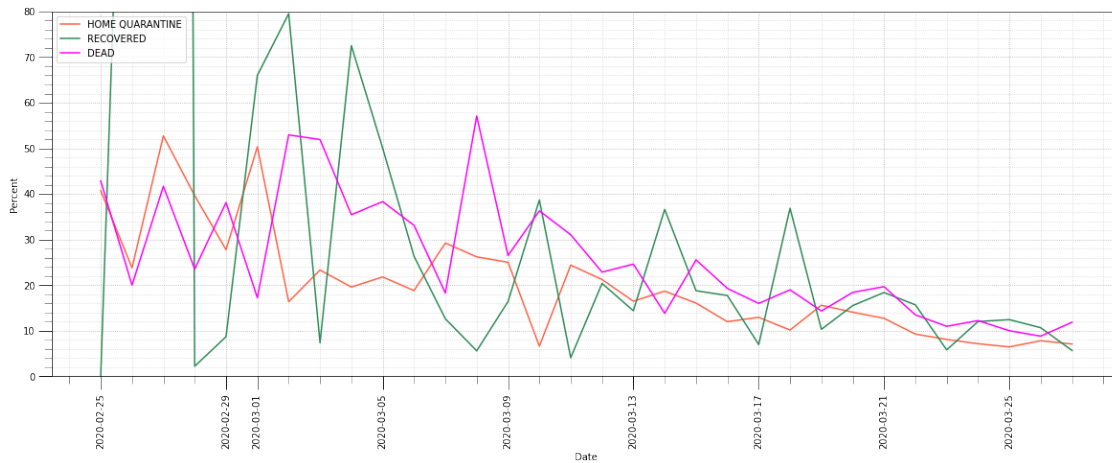


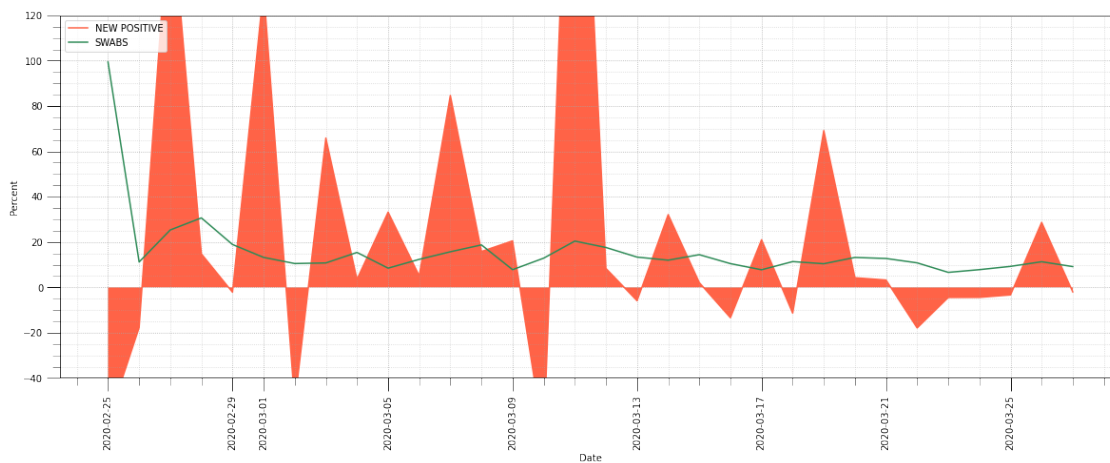
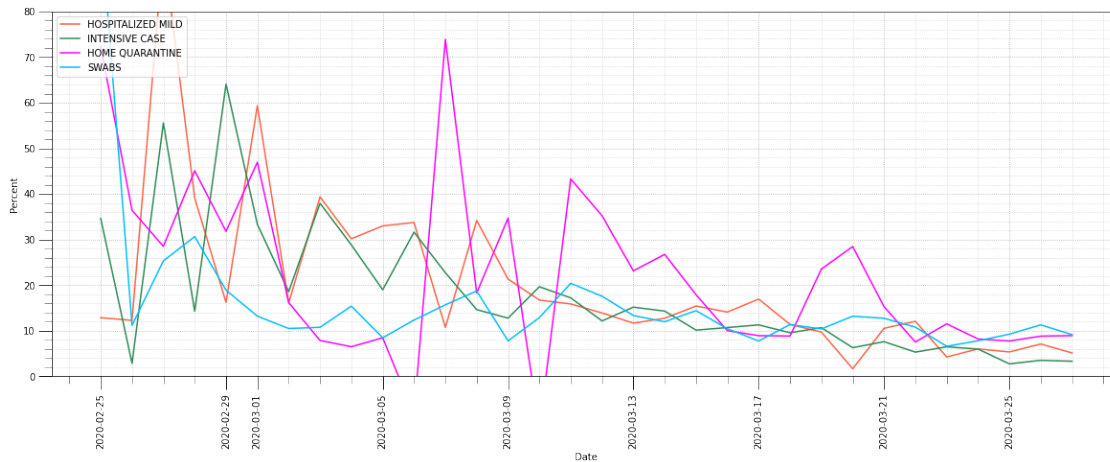
Last 5 days:

[212] :	DATA INFO	HOSP. MILD	INTENSIVE CASES	TOTAL HOSPIT.	HOME QUAR.	\
28	2020-03-23	20692	3204	23896	26522	
29	2020-03-24	21937	3396	25333	28697	
30	2020-03-25	23112	3489	26601	30920	
31	2020-03-26	24753	3612	28365	33648	
32	2020-03-27	26029	3732	29761	36653	

	TOTAL POSITIVE	NEW POSITIVE	RECOVERED	DEAD	TOTAL CASES	SWABS
28	50418	3780	7432	6077	63927	275468
29	54030	3612	8326	6820	69176	296964
30	57521	3491	9362	7503	74386	324445
31	62013	4492	10361	8165	80539	361060
32	66414	4401	10950	9134	86498	394079

1.1.3 Growth rate (%)

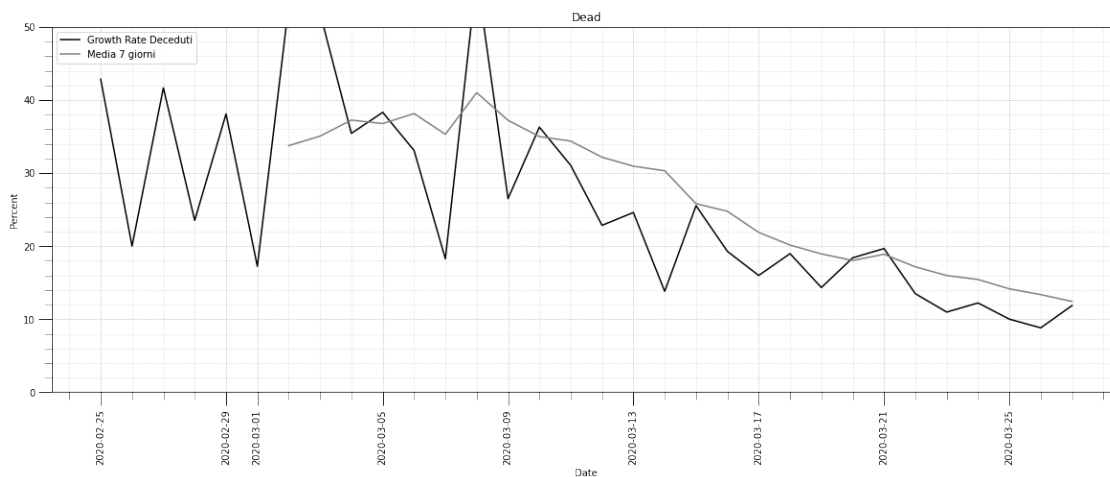
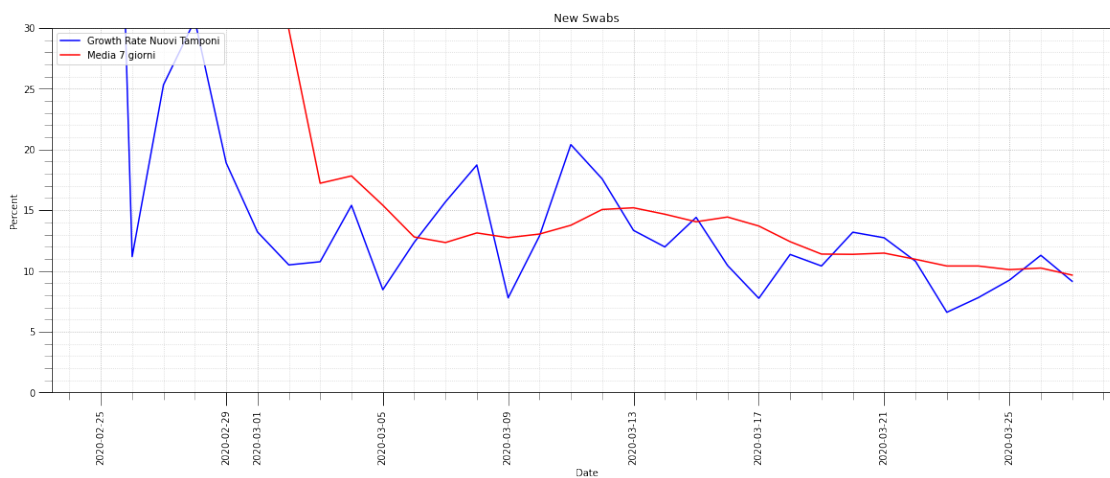
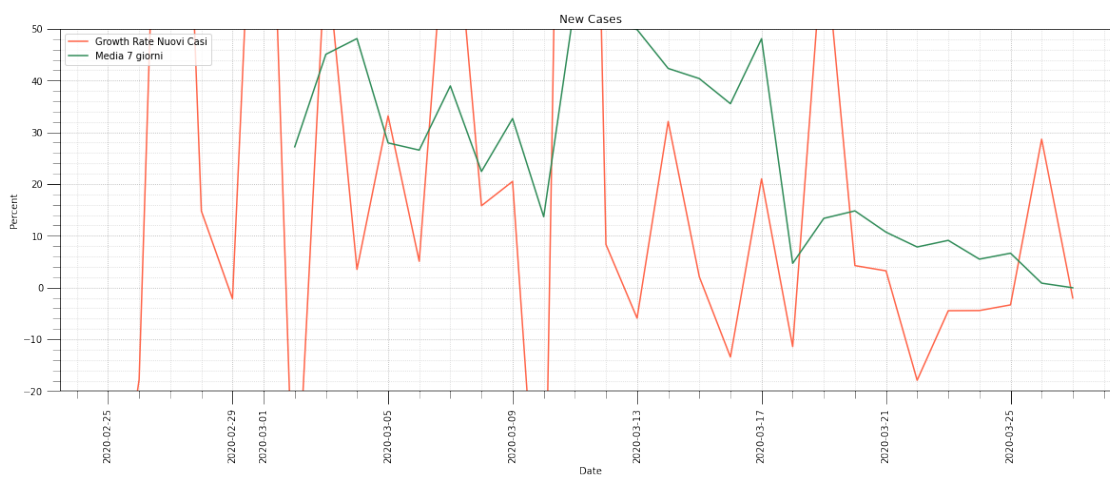




Last 5 days

[215] :	DATA INFO	NEW POSITIVE	TOTAL POSITIVE	HOSP. MILD	INTENSIVE CASES	\
28	2020-03-23	-4.47	8.10	4.26	6.48	
29	2020-03-24	-4.44	7.16	6.02	5.99	
30	2020-03-25	-3.35	6.46	5.36	2.74	
31	2020-03-26	28.67	7.81	7.10	3.53	
32	2020-03-27	-2.03	7.10	5.15	3.32	
	HOME QUAR.	RECOVERED	DEAD	SWABS		
28	11.52	5.81	10.98	6.60		
29	8.20	12.03	12.23	7.80		
30	7.75	12.44	10.01	9.25		
31	8.82	10.67	8.82	11.29		
32	8.93	5.68	11.87	9.15		

1.2 Trends and average



```

[218]:      data  nuovi_attualmente_positivi_casi  \
26  2020-03-21                                4821
27  2020-03-22                                3957
28  2020-03-23                                3780
29  2020-03-24                                3612
30  2020-03-25                                3491
31  2020-03-26                                4492
32  2020-03-27                                4401

      nuovi_attualmente_positivi_percent  avg_nuovi  tamponi  tamponi_percent  \
26                                3.23      10.70    26336          12.73
27                               -17.92       7.84    25180          10.80
28                               -4.47       9.12    17066           6.60
29                               -4.44       5.49    21496           7.80
30                               -3.35       6.64    27481           9.25
31                               28.67       0.85    36615          11.29
32                               -2.03      -0.04    33019           9.15

      avg_tamponi  deceduti  deceduti_percent  avg_deceduti
26          11.47        793           19.67          18.89
27          10.96        651           13.49          17.17
28          10.41        601           10.98          15.98
29          10.41        743           12.23          15.44
30          10.11        683           10.01          14.16
31          10.24        662            8.82          13.37
32           9.66        969           11.87          12.44

```

1.3 PERCENTUALI

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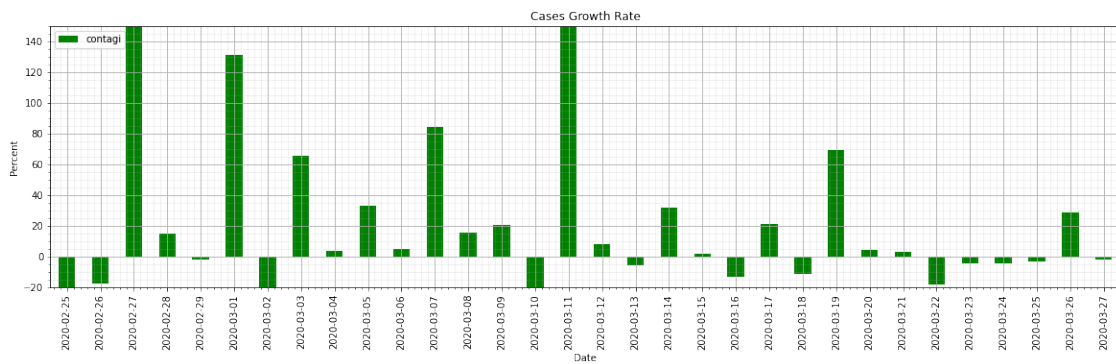
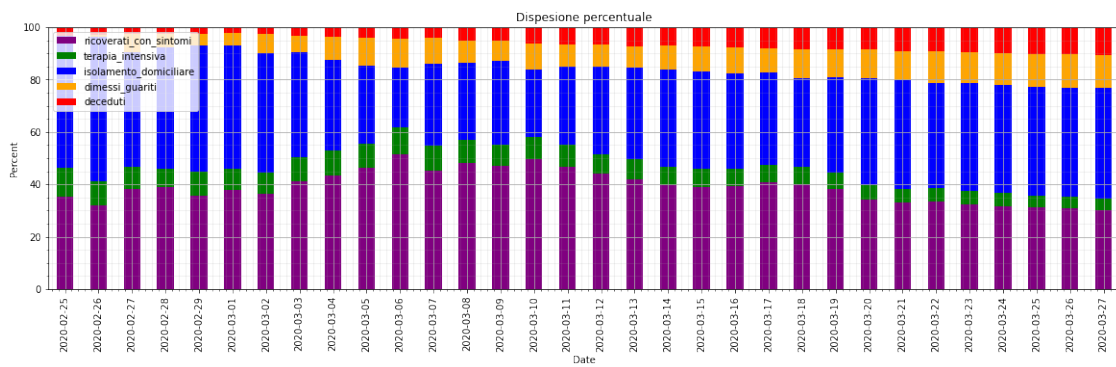
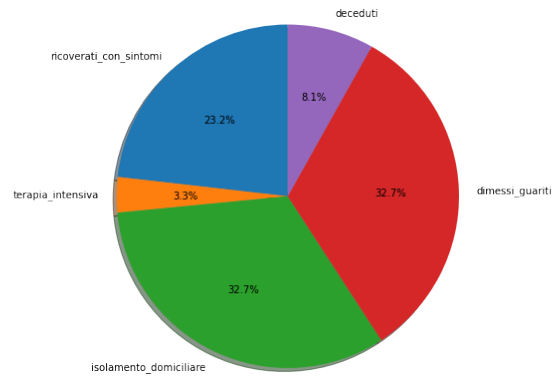
[219]:      data  ricoverati_con_sintomi  terapia_intensiva  \
32  2020-03-27                26029                3732

      totale_ospedalizzati  isolamento_domiciliare  totale_attualmente_positivi  \
32                29761                36653                66414

      nuovi_attualmente_positivi  dimessi_guariti  deceduti  totale_casi  \
32                4401                10950                9134                86498

      tamponi
32  394079

```



2 DATI REGIONALI