

# Covid-19 Statistical measures and the related SDGs

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Istat









POPULATION & HOUSEHOLDS

INSTITUTIONS & SOCIETY

EDUCATION & LABOUR

DATA

ECONOMY

ENVIRONMENT & TERRITORY

SEARCH IN THIS
WEBSITE

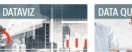
A-Z Statistics

Glossary

### **Istat and Pandemic 2020**









### **MOST POPULAR**

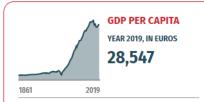
TOURISM, TRIPS AND HOLIDAYS

### Istat during the Covid 19 emergency

Istat has implemented a series of actions to ensure the continuity and quality of statistical production. All extraordinary measures and temporary provisions are accessible from this section



EVENTS OTHER ARCHIVE



RESIDENT POPULATION 1 IANUARY 2019 **60.4 MILLION** 

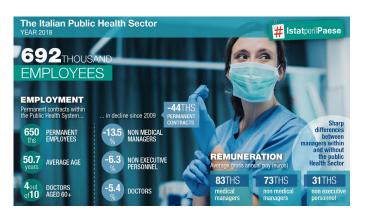


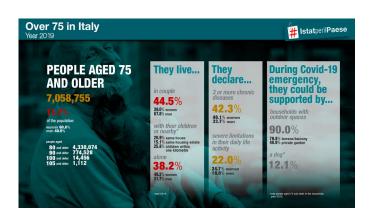


# More official statistical data to be disseminated related to the actual situation The mid term and the long term impact

- Special data dissemination and Dedicated page in the website: ISTAT DURING THE COVID-19 EMERGENCY https://www.istat.it/en/archivio/240106
- Report Istat-ISS (National Institute of health) <u>Mortality of the resident population</u> (1st four months of 2020)
   (7.270 municipalities)
- Press releases











# Additional data Necessity to produce other special subnational data

Special survey dedicated to the population to do sierological test: Institutional connection with Civil Protection, Health agency, with the Ministry of Health. The aim of the investigation is to understand how many people have developed Coronavirus antibodies, even in the absence of symptoms. The investigation will provide information necessary to estimate the size and extent of the infection in the population and describe its frequency in relation to certain factors such as gender, age, region of origin, economic activity. The sample design made by Istat involves the observation of 150,000 individuals. Geographical data to understand where people live and how much they are far from the place where they can do the test are used.

Social Survey dedicated to The days at home during lockdown (5-21 april 2020) <a href="https://www.istat.it/it/archivio/243829">https://www.istat.it/it/archivio/243829</a> CATI, Master Census Sample and Labour Force survey

**Economic survey dedicated to Covid impact to the italian enterprises:** economy, occupation and finance, which actions for the Phase II, which previsions for the next impact, results disseminated next week CAWI June and October

SDGs 2020 Report: indicators connected to the SDGs Goals





### Istat and SDGs indicators

- Every six months, from 2016, Istat disseminates on website an update of indicators for Italy
- SDGs Istat Statistical Information system and Third SDGs 2020 Report
- 130 SDGs indicators and 325 statistical measures (296 different)
- 125 Indicator updates, disaggregations, interlinkages

https://www.istat.it



Latest update: 6 July 2018

Goal 1 | xls | pdf |

End poverty in all its forms everywhere

End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

Goal 3 Lxls Lndf L

Ensure healthy lives and promote well-being for all at all ages

Ensure inclusive and equitable quality education and promote life-long learning opportunities for all

Achieve gender equality and empower all women and girls

Ensure availability and sustainable management of water and sanitation for

Goal 7 | xls | pdf | Ensure access to affordable, reliable, sustainable and modern energy for all

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Build resilient infrastructure, promote sustainable industrialization and

Reduce inequality within and among countries

Make cities and human settlements inclusive, safe, resilient and sustainable

Goal 12 Lxls Lndf L

Ensure sustainable consumption and production patterns Goal 13 | xls | pdf |

Conserve and Sustainably Use Oceans, Seas and Marine Resources for Sustainable Development

Protect, restore and promote sustainable use of terrestrial ecosystems sustainably manage forests, combat desertification, and halt and reverse

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

Goal 17 | xls | pdf |

Strengthen the means of implementation and revitalize the global partnership for sustainable development









# **Istat and SDGs indicators**

Classification variable	Statistical	Goal
Statistical measures SDGs ISTAT	measures SDGs	
	ISTAT	
Degree of urbanization Municipalities	61	1 WORDY 3 DOUBLESS AND ADDRESS OF THE PROOF
Regions	187	1 WORTH CONTINUENT TO THE PROPERTY OF THE PROP
Province	13	3 AMENICAL HONE  B CONTROL NO.  12 REPRODUCTION  12 REPRODUCTION  CONTROL NO.  13 MONOMENTO  MONOME
Gender	114	1 Modern Product 2 HOMER 2 HOM
Age	70	1 Months 2 district 2
Citizenship	54	1 Modern Supering Sup
Disability	17	1 MONEY SANTEN ANTINIAN ANTINIANA ANTINIANA ANTINIANA ANTINIANA ANTINIANA ANTINIANA ANTINIANA ANT







# **WELLBEING** and **SDGs**

### Interrelations, integrations, interactions

BES	SDGs				
1. Health	3 indicators	3 in goal 3	3 GOOD HEALTH AND WELL-BEING		
2. Education and training	7 indicators	6 in goal 4 1 in goal 8	4 QUALITY EBUCATION	8 DECENT WORK AND ECONOMIC GROWTH	
3. Work and life balance	7 indicators	1 in goal 5 6 in goal 8	5 EQUALITY	8 DECENT WORK AND ECONOMIC GROWTH	
4. Economic well-being (*)	7 indicators	4 in goal 1 3 in goal 10	1 MO POVERTY	10 REDUCED INFOGMATIES	
5. Social relationships					
6. Politics and Institutions (*)	9 indicators	4 in goal 5 5 in goal 16	5 CENDER EQUALITY	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
7. Security	3 indicators	1 in goal 5 2 in goal 16	5 GENDER EQUALITY	16 PEAGE, JUSTICE AND STRONG INSTITUTIONS	
8. Subjective well-being					
9. Landscape and cultural heritage	2 indicators	1 in goal 11 1 in goal 13	11 SUSTAINABLE CITIES AND COMMUNITIES	13 CLIMATE ACTION	
10. Environment (**)	18 indicators	1 in goal 1 2 in goal 6 1 in goal 7 1 in goal 8 5 in goal 11 2 in goal 12 3 in goal 13 1 in goal 14 2 in goal 15	1 Potent	6 CALAR RETURN AND SECRETION 11 MATERIAL CONS. 11 MATERIAL CONS. 14 ST. 14 ST. 15 ST. 16 ST. 17 ST. 18 ST. 18 ST. 18 ST. 19 ST.	7 Minimum and Company of the Minimum and Company
11. Innovation, research and creativity	2 indicators	2 in goal 9	9 INCUSTRY, INNOVATION AND INFRASTRUCTURE		
12. Quality of services	1 indicator	1 in goal 16	16 PEACE JUSTICE AND STRONG INSTITUTIONS		

(\*) 1 iidentical indicator in more goals

(\*\*) 1 identical indicator repeated in more goals

(\*\*\*) 5 indicators in more goals

(\*) 1 indicator repeated in more goals

(\*\*) 5 indicators repeated in more goals





### **SDGs and Pandemic**



### Goal 13

Hazards and Pandemy. Temporary drop of air pollution and emission due to lower production and reduction of mobility





Problems inherent to the water system. Hygiene is one of the most important COVID-19 prevention measures



Impact of shocks on global energy markets (collapse in the price of crude oil). Slowdown in demand related to the fall in production and repercussions on energy intensity. Risk for investments in the energy transition. Energy poverty increase



### Goal 12

Reduction of the pressures of the economic system on the environment (material consumption, waste, Collapse of the tourism sector





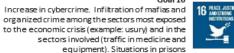
### Goal 8 Reduction of GDP and labor productivity Impact on the labor market. Digitalwork mode increase



High population density and greater probability of exposure to risk, more difficult living and hygiene conditions in homes with structural problems. Temporary reduction of air pollution possible



Schoolsand universities closed. Digital study mode increase. Distance learning may be less effective and not accessible to all



### Goal 5

Possible increase in levels of violence against women. Greater burden on women, in iob management and family care



### Goal 2

Possible perturbation in the agricultural and food production



Devastating effect on health. Collapsing health systems and repercussions for people who need medical treatment for other conditions as well



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### Goal 1

Income loss Increase of poverty in all its dimensions



### Goal 10 Increase inequality Issues related to

migrants and refugees

### Goal 9

Fall in industrial production. Industrial reconversion in view of new needs. Relevance of innovation and research to offer solutions. Transport contraction. Carbon emission reductions



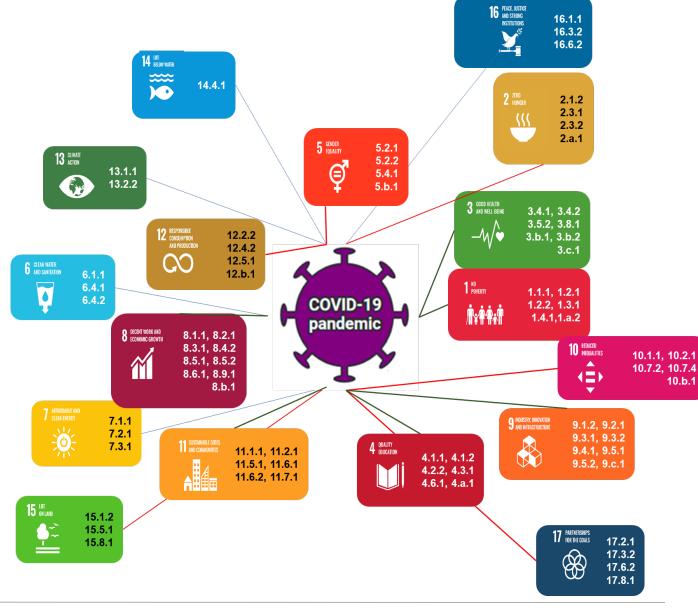
Need to expand the economic and financial support instruments of the most needy countries. Strong contraction in remittances from immigrants. Wider use of ICT and the Internet







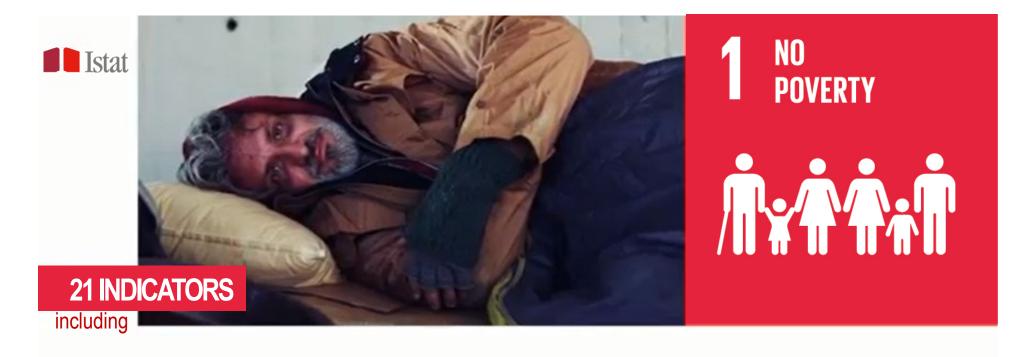
## **SDGs and Pandemic**



Until 3 indicators
From 4 to 5 indicators
Over 5 indicators







- 27.3 At risk of poverty or social exclusion (%)
- 8.5 Severe material deprivation rate (%)
- 11.3 People in families with low work intensity (%)



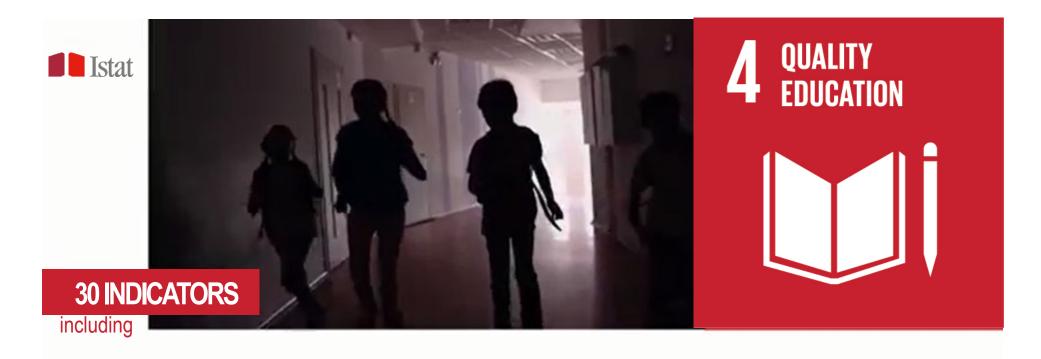




- 58.5 Healthy life expectancy at birth
- 3.1 Medical specialists (per 1,000 inhabitants) (%)







- 13.5 Early leavers from education and training (%)
- 27.6 People having completed tertiary education (30-34 years) (%)
- 22.0 People with high level of IT competencies (%)







- 220 Litres per capita per day
- 8.6 Households unsatisfied for the continuity of the water supply service (%)
- 59.6 Sewage treatment (%)







# 7 AFFORDABLE AND CLEAN ENERGY



- 17.8 Renewable energy share in the gross final energy consumption (%)
- 14.1 Inability to keep home adequately warm (%)
- 92.9 Primary energy intensity (tonnes of oil equivalent per milion euros)







- People not in education, employment, or training (NEET) (15-29 years) (%)
- 59.0 Employment rate (15-64 years) (%)
- 10.0 Unemployment rate(%)







- Product and/or process innovative enterprises (per 100 enterprises)(%)
- 164.5 CO<sup>2</sup> emission per unit of value added (tonn/mil of euro)
- 1.4 R&D intensity (%)







- 21.5 Landfill of waste (%)
- 8.9 Incidence of urban green areas on urbanized area of the cities







# 12 RESPONSIBLE CONSUMPTION AND PRODUCTION



- 8.1 Domestic material consumption per capita (ton)
- Public Institutions that adopt forms of social and/or environmental reporting (%)
- 58.2 Separate collection of municipal waste (%)







7.3 Emissions of CO<sup>2</sup> and other greenhouse gasses (Tonn CO<sup>2</sup> equivalent per inhabitant)





# It is necessary to measure to act. Our future will depend on the choices of the present

Istat-Sistan SDGs platform makes possible SDGs analyses and monitoring at national and subnational level:

- Istat will follow the UN-IAEG-SDGs indicators analysis using an inter-institutional approach, developing the methodological innovations that are necessary for the statistical production: a challenge for statistical measures and to consider interlinkages among indicators and interrelations among frameworks
- Istat will follow the analyse focused also on Pandemic interrelations considering with special attention environmental statistical measures
- A Global Challenge, big opportunities for the Country, for Sistan, for each of us: increasing sustainability awareness of the systemic integrated and concrete vision correlated with European Green Deal
- Quick data and statistical measures ?

Thank you for your attention

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