



- Epidemies in Europe: history
- Covid-19 in the EU: What has been done
 Comparison
 Main problems

- · Early evidence on the efficiency of measures taken. EU-wide measures.
- Vaccination policy
- Additional sources

EU INFORMATION SITES:

- European Union: The Common EU Response to Covid-19
- European Council: Covid-19 coronavirus Pandemic: the EU's Response
- European Commission: Coronavirus Response
- Timeline of EU action
- European Centre for Disease Prevention and Control

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	Name	period	Type/Pre-human bost	Death toll
	Antonine Plague	165-180	Believed to be either smallpox or measles	5M
PANDEMICS	Japanese smallpox epidemic	735-737	Variola major virus	134
IN HISTORY	Plague of Justinian	541-542	Yersinia pestis bacteria / Rats, fleas	30-50M
Intilioronti	Block Death	1347-1351	Yersinia pestis bacteria / Rats, fleas	20004
	New World Smallpox Outbreak	1520 - onwards	Variola major virus	5434
	Great Plague of London	1665	Yersinia pestis bacteria / Rats, fleas	100,000
	Italian plague	1629-1631	Tersinia pestis bacteria / Rats, fleas	134
	Choiera Fundemics 1-6	1817-1923	V. cholerae bacteria	134+
	Third Hague	1885	Yersinia pestis bacteria / Rats, fleas	22M (China and India)
	Yellow Fever	Late 1800s	Virus / Mosquitoes	100,000-150,000 (U.S.)
	Remian Flu	1889-1890	Relieved to be H2N2 (avian origin)	134
	Spanish Flu	1918-1919	H1N1 virus / Pigs	40-50M
	Asian Flu	1957-1958	H2N2 virus	1.1M
	Hong Kong Flu	1968-1970	H3N2 virus	134
	HIVIAIDS	1981- present	Virus./ Chimpennees	25-35M
	Swine Flu	2009-2010	H1N1 virus / Pigs	200,000
	SARS	2002-2003	Coronavirus / Bats, Civets	770
	Thoia	2014-2016	Ebolavirus / Wild animals	11,000
	MERS	2015- Frenent	Coronavirus / Bats, camels	850
	COVID-19	2019- Present	Coronavirus – Unknown (possibly pargelins)	6,400 (as of Mar 15, 2020)

BLACK DEATH (BUBONIC PLAGUE)	
 Timing: 1346-1353 	
 Death toll: 75-200 mil. (Europe, Africa, Asia) 	
 Originated in Asia, brought to Europe by merchant ships 	
 Ports (major trading posts) hit very hard: Venice 	
 Even a base of the transformation of the second of the seco	

Europe lost about 1/4-1/3 of its population

















The EU also routinely sends civil and military missions to hotspots outside EU territory.

- But these capacities do not suffice in the face of transboundary orises: threats that cross geographical and policy borders
 within the Union. Examples include epidemics, financial crises, floods, and cyber terrorism.
- Nation states cannot cope with these threats without international collaboration.

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TIMELINE: THE EARLY DAYS

- December 31, 2019: Wuhan Municipal Health Commission, China, reported a cluster of cases of pneumonia in Wuhan, Hubei Province. A novel coronavirus was eventually identified.
- January 1, 2020: WHO had set up the IMST (Incident Management Support Team)
- January, 4: WHO reported on social media that there was a cluster of pneumonia cases with no deaths in Wuhan, Hubei
- January, 9: Directorate General for Health and Safety (DG SANTE) opened an alert notification on the Early Warning and Response System (EWRS) where most Member States have since been sharing information on response and communication measures.
- January, 13: Officials confirm a case of COVID-19 in Thailand, the first recorded case outside of China
- January, 17: The Health Security Committee held their first meeting on the novel coronavirus.
- January, 23: Wuhan cut off by the Chinese authorities
- January, 24: The first European case was reported from France
- January, 31: "Public health emergency of international concern" declared by WHO
- January 31: First funds mobilised for research on the new coronavirus outb
- February 3: US Declares Public Health Emergency .
- February 25: CDC Says COVID-19 Is Heading Toward Pandemic Status

EU RESPONSE: BIGGER PICTURE

Support for healthcare systems

COVID-19 AND THE EU

- Support for R&D related to the development of vaccines
- €660+ million, Horizon 2020 funding in research on COVID-19
- Adapting EU rules to accelerate vaccine development
- Assistance for economic effects of the pandemics
- A recovery plan for Europe
- Coordination of trade and transport measures
- · Common criteria to take into account when considering measures and a common definition of risk zones







- edirection of EU funds (SMEs, structural funds, EU Solidarity Fund)
- Safety nets for workers, businesses and member states (May 2020)
- 6540 billion Support package for jobs and workers, b
- Covid-19 recovery package (July 2021)
- One-off "Next Generation EU" (NGEU) fund of **€750 billion** to help countries recover from the covid-19 recession (both figures in 2018 pric About 4.7% of EU annual GDP
- Funded by borrowing over six years, bonds issued at maturities extending to 2058. Earded by borrowing over six years, bonds issued at maturities extending to 2058. E305hor of the C350ho will be distributed as grants, and hence will not add to governments' debt loads The regulation establishing the Recovery and Resilience Facility (RRF) was adopted by the Council on 11 February 2021
- New features
- tra El
- Long-term EU budget for 2021-2027
- Optim istic sum Together with the CS40 billion of funds already in place for the three safety nets (for workers, for businesses and for member states), the overall EU's recovery package amounts to 62 364.3 billion.





















COVID-19 PANDEMIC? ion for the efficiency of social distancing evel OLS regre Dependent variable: Social distancing (1a) (1b) (2a) (2b) (3a) (3b) (4b) PD -0.007 [-1.208] -0.010 [-1.310 -0.015 [-1.686 -0.014* [-2.650 0.316 [1.692] -1.183 -0.015 [-1.924] -0.015* [-2.224] -0.016** [-3.411] -0.003 [-0.444] IDV -0.004 [-0.692] -0.007 [-0.919] - 0.013* [-2.116] 0.193 [1.290] - 1.272 [-0.753] UAI -0.015** 0.421 [1.952] -4.112* [-2.129] Log (GI 0.247 [1.324] -2.501 [-1.185 0.987** [2.739] 11.4 58 No Costant votes: * < 0.05, ** < 0.01, ' < 0.001. The rol

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TOAN LUU DUC HUYNH (2020):

DOES CULTURE MATTER SOCIAL DISTANCING UNDER THE







In majority of the countries (26) – not mandatory

First doses delivered in December, vaccination campaigns started between 26th and 31st December 2020 Czech Republic: December 27th

Source: ECDC report, 2021

	otiated contracts with	n existing suppliers of vaccines	
Contracts	Number of Doses	Exploratory Talks	Number of Doses
AstraZeneca	400 mil.	Novavax	Up to 200 mil.
Sanofi-GSK	300 mil.	Valneva	Up to 60 mil.
BioNTech-Pfizer	600 mil.		
CureVac	405 mil.		
Moderna	160 mil.		
Overall portfolio: > 2	2.3 bil. doses		

















