

Italy – References (Mikael Åberg, Jun 11, 2025)

- **EMRate-OWD** (Italy) Human Mortality Database (2024); World Mortality Dataset (2024); Karlinsky and Kobak (2021); Human Mortality Database (2024); World Mortality Database (2024) – processed by Our World in Data, <https://ourworldindata.org/grapher/excess-mortality-p-scores-average-baseline?country=~ITA>
- *EMRate-Estat** (Italy) «Deaths by week and sex» Eurostat, European Union (statistics), Feb 27. 2025 (Mar 21. 2025), https://ec.europa.eu/eurostat/databrowser/view/demo_r_mwk_ts_custom_15732208/default/table?lang=en
- *EMRate-WP** (Italy) «Excess Covid Deaths by Country 2025» World Population Review (statistics), 2025 (Mar 21. 2025), <https://worldpopulationreview.com/country-rankings/excess-covid-deaths-by-country>
- *V-Rate** (Search window) «Daily COVID-19 vaccine doses per million people» Our world in Data (Statistics site), 2025 (Mar 21. 2025), <https://ourworldindata.org/covid-vaccinations>
- *NoDev-a** Madhurima Nag «Best 5G phones to buy in 2020» World Population Review (news article), Feb 3. 2020 (Feb 24. 2025), <https://thegadgetflow.com/blog/best-5g-phones-2020/>
- *NoDev-b** Zaffareen Khan «5G Sunrise over Switzerland» Operator Watch (news article, blog), Mar 2. 2020 (Jan 17. 2025), <https://www.operatorwatch.com/2020/03/5g-sunrise-over-switzerland.html>
- *95Dev** «5G Devices April 2020: Global Ecosystem» GSA (report), Apr 21. 2020 (Feb 24. 2025), <https://gsacom.com/paper/5g-devices-april-2020-global-ecosystem/>
- *1A** «Vodafone Italy» Powertec (Information), -, (Feb 6. 2025), <https://portal.powertec.com.au/industry-resources/companies/vodafone-italy>
- *1B** «TIM Italy» Powertec (Information), -, (Feb 6. 2025), <https://portal.powertec.com.au/industry-resources/companies/tim-italy>
- *1C** «Iliad Italy» Powertec (Information), -, (Feb 6. 2025), <https://portal.powertec.com.au/industry-resources/companies/iliad-italy>
- *1D** «Iliad Italy» Powertec (Information), -, (Feb 6. 2025), <https://portal.powertec.com.au/industry-resources/companies/wind-tre>
- *2** Juan Pedro Tomás «European Commission approves infrastructure scheme to boost 5G in Italy» RCRWireless News (news article), Apr 26, 2022 (Mar 25. 2024), <https://www.rcrwireless.com/20220426/5g/european-commission-approves-infrastructure-scheme-boost-5g-italy>
- *3** Juan Pedro Tomás «Windtre selects Ericsson for 5G SA deployment in Italy» RCRWireless News (news article), Jul 28, 2022 (Mar 7. 2025), <https://www.rcrwireless.com/20220728/5g/windtre-selects-ericsson-5g-sa-deployment-italy>
- *4** Ove Kaufeldt «TIM Mobile Network Evolution: Switching Off the 3G network» TIM (press release), Oct 19. 2022, (Mar 6. 2024), <https://www.mybusiness.it/eng/public/news/tim-mobile-network-evolution-switching-3g-network>
- *raisEMF** «Italy raises electromagnetic limits to promote 5G deployment» European 5G Observatory (Information), May 1. 2024, (Mar 6. 2025), <https://5gobservatory.eu/italy-raises-electromagnetic-limits-to-promote-5g-deployment/>
- *C19** «Report settimanali Covid-19» Testata di proprietà del Ministero della Salute (Information), Mar 3. 2025, (Mar 3. 2025), <https://www.salute.gov.it/portale/nuovocoronavirus/archivioBollettiniNuovoCoronavirus.jsp>
- *3G-A** Redazione Finanzaonline «Vodafone spegne il 3G, l'annuncio ai clienti e le due date chiave» Finanza Online (news article), Jul 19. 2020, (Mar 3. 2025), <https://www.finanzaonline.com/notizie/vodafone-spegne-il-3g-lannuncio-ai-clienti-e-le-due-date-chiave>

- [*3G-B](#) «3G sunset on Vodafone Italia: how will users be affected?» *Tutela (information)*, Feb. 2021, (Apr 22. 2024), <https://www.tutela.com/blog/3g-sunset-on-vodafone-italia-how-will-users-be-affected-0>
- [*3G-C](#) Paul Lipscombe «TIM completes shut down of 3G service» *DCD (news article)*, Oct 21. 2022, (Mar 7. 2025), <https://www.datacenterdynamics.com/en/news/tim-completes-shut-down-of-3g-service/>
- [*3G-D](#) «Global 2G & 3G Network Closures» *Wireless Logic (information)*, - , (Apr 22. 2024), <https://www.wirelesslogic.com/2g-3g-network-closure-dates/>
- [*3G-E](#) Paul Lipscombe «Italian telco Wind Tre to shutdown 3G by 2025» *DCD (news article)*, Apr 8. 2024 , (Mar 25. 2025), <https://www.datacenterdynamics.com/en/news/italian-telco-wind-tre-to-shutdown-3g-by-2025/>
- [*3G-F](#) «WindTre to begin 3G network switchoff next month» *Telecom Paper (news article)*, May 17, 2024, (Mar 10. 2025), <https://www.telecompaper.com/news/windtre-to-begin-3g-network-switchoff-next-month--1500746>

EXTRA LINKS 5G - (Sorted by date mentioned of particular interest)

- Jul 5, 2019 <https://www.5gexposed.com/2019/07/05/italy-stop-5g-mayors-here-is-italys-first-suspension-order/>
- Jan 6, 2020 <https://www.rcrwireless.com/20200106/5g/italian-telcos-get-ready-reach-more-cities-5g-2020>
- Mar 26, 2020 <https://5gobservatory.eu/country/italy/>
- May 7, 2021 <https://www.mondomobileweb.it/224923-fastweb-quanto-tempo-ci-vuole-per-labilitazione-del-5g/>
- Dec, 2021 <https://www.mondomobileweb.it/5g-in-italia/copertura-fastweb-5g-in-italia-in-quali-citta-e-attivo-il-5g/>
- Mar 22, 2022 <https://www.engage.hoganlovells.com/knowledgeservices/news/italy-further-strengthens-its-golden-powers-on-fdi-5g-and-cloud-tech-due-to-the-ukrainian-crisis>
- Mar 23, 2022 <https://www.hoganlovells.com/en/publications/italy-further-strengthens-its-golden-powers-on-fdi-5g-and-cloud-tech-due-to-the-ukrainian-crisis>
- Apr 11, 2022 <https://www.euronews.com/next/2022/04/11/us-italy-5g>
- Apr 25, 2022 <https://www.reuters.com/technology/eu-approves-2-billion-euros-italian-scheme-support-5g-roll-out-2022-04-25/>
- Apr 25, 2022 <https://www.euronews.com/next/2022/04/25/us-eu-italy-5g>
- Apr 25, 2022 <https://www.reuters.com/technology/eu-approves-2-billion-euros-italian-scheme-support-5g-roll-out-2022-04-25/>
- Sep 28, 2022 <https://www.opensignal.com/reports/2022/11/italy/mobile-network-experience>
- Dec 7, 2022 <https://www.opensignal.com/2022/12/07/in-italy-5g-availability-helps-explain-user-behavior-when-switching-operators>
- Mar 14, 2024 <https://microwavenews.com/short-takes-archive/italys-6vm-risk>

EXTRA LINKS 3G Shut Down - (Sorted by date mentioned of particular interest)

- Jan 31, 2023 <https://www.tomshw.it/smartphone/il-segno-vodafone-3g-sparira-dallitalia-e-ufficiale>
- Nov 3, 2021 <https://www.sostariffe.it/news/tim-svela-le-tempistiche-dello-switch-off-3g-ecco-cosa-cambia-per-gli-utenti-339785/>
- Oct 21, 2022 <https://www.datacenterdynamics.com/en/news/tim-completes-shut-down-of-3g-service/>
- Jul 9, 2024 <https://www.ripetitore-gsm.it/blog/le-frequenze-utilizzate-per-effettuare-chiamate>

EXTRA LINKS C19 - (Sorted by date mentioned of particular interest. Note. sorting done fast)

- <https://www.salute.gov.it/portale/nuovocoronavirus/archivioBollettiniNuovoCoronavirus.jsp>

- <https://www.salute.gov.it/portale/nuovocoronavirus/dettaglioContenutiNuovoCoronavirus.jsp?lingua=italiano&id=5351&area=nuovoCoronavirus&menu=vuoto>

- <https://www.worldometers.info/coronavirus/country/italy/>

Jan 31, 2025 <https://www.quotidiano.net/salute/news/covid-italia-contagi-morti-afpbujys>

Dec 30, 2024 <https://www.lanovitaonline.it/nuove-varianti-covid-in-italia-focus-su-lp-8-1-e-lf-7-2-1/>

Dec 30, 2024 <https://quotidianodifoggia.it/covid-italia-da-xec-a-lp-8-1-le-nuove-varianti-da-monitorare/>

Dec 30, 2024 <https://www.gazzettadiroma.it/covid-italia-da-xec-a-lp-8-1-le-nuove-varianti-da-monitorare/>

Dec 19, 2024 <https://notizieinunlick.com/covid-in-italia-cresce-la-variante-xec-sara-dominante-a-natale/>

Dec 2, 2024 <https://www.ilfattoquotidiano.it/2024/12/02/covid-la-variante-xec-protagonista-del-natale-il-virologo-ma-e-piu-debole-delle-altre/7788595/>

Aug, 2024 <https://healthy.thewom.it/salute/omicron/>

Jul 27, 2024 https://www.ansa.it/canale_saluteebenessere/notizie/sanita/2024/07/27/ansaduemila-morti-per-covid-nel-2024-allerta-per-lautunno_52bd37c4-65db-4c51-9580-3e9c1556bb87.html

Jul 24, 2024 <https://www.eventipress.com/2024/07/24/120848/>

Jul 19, 2024 <https://notizieinunlick.com/covid-in-italia-cresce-la-variante-xec-sara-dominante-a-natale/>

Jul 19, 2024 <https://www.doctor33.it/articolo/61709/covid-19-cresce-incidenza-in-italia-la-variante-kp3-causa-quattro-infezioni-su-10>

Jul 19, 2024 <https://www.quotidiano.net/cronaca/nuova-variante-covid-kp3-d8qip4zu?live>

Jul 16, 2024 <https://video.sky.it/news/cronaca/video/covid-in-italia-aumentano-i-contagi-con-la-variante-kp3-940067>

Jul 15, 2024 <https://www.doctor33.it/articolo/61643/covid-19-esplosione-casi-nel-lazio-alert-ai-medici-di-famiglia-ecco-le-indicazioni>

Jul, 2024 <https://www.ilsole24ore.com/art/mix-caldo-e-covid-casi-aumentati-oltre-50percento-nell-ultima-settimana-crescono-lievemente-ricoveri-come-proteggersi-variante-kp3-AFQ5Yk3C>

Jul, 2024 <https://www.my-personaltrainer.it/salute/covid-variante-kp-2.html>

Jul 2024 <https://www.today.it/attualita/west-nile-primo-morto-italia-febbre-del-nilo.html>

Jul, 2024 <https://www.today.it/attualita/west-nile-focolai-italia-morto-veneto.html>

Jul, 2024 https://x.com/Comm_in_Care/status/1808269138206261357

Jun 27, 2024 https://www.ilmessaggero.it/en/summer_surge_of_covid_19_rising_cases_and_new_variants-8207115.html?refresh_ce

Jun, 2024 <https://www.ilmeteo.it/notizie/covid-picco-estivo-con-la-variante-kp3-tornano-le-mascherine-lesperto-fa-il-punto-della-situazione-062120101>

Jun, 2024 <https://www.fanpage.it/innovazione/scienze/casi-di-covid-in-aumento-del-40-maga-spiega-le-ragioni-e-perche-e-importante-il-vaccino-aggiornato/>

Jun, 2024 <https://www.fanpage.it/innovazione/scienze/cosa-ce-dietro-laumento-dei-casi-di-cancro-al-colon-nei-giovani-nuovi-indizi-dai-batteri-dell'intestino/>

Jun, 2024 <https://www.ilmessaggero.it/t/covid>

Jun, 2024 <https://www.cyclingnews.com/news/visma-lease-a-bike-reintroduce-limited-anti-covid-protocol-at-tour-de-france/>

Jun, 2024 https://www.ilmessaggero.it/en/summer_surge_of_covid_19_rising_cases_and_new_variants-8207115.html

Jun, 2024 https://www.ilmessaggero.it/en/rising_concerns_over_new_covid_19_variants_in_italy-8203176.html

Jun, 2024 https://www.adnkronos.com/salute/covid-italia-cacciatore-varianti_32CJXwcw9mhVjWZiBp6mcJ

Jun, 2024 https://www.repubblica.it/cronaca/2024/06/25/news/covid_ritorno_casi-423283598/

Jun, 2024 <https://www.quotidiano.net/cronaca/covid-varianti-kp2-e-kp3-italia-oew9tco7>

Jun, 2024 https://roma.repubblica.it/cronaca/2024/06/25/news/covid_lazio_contagi_giubileo-423285233/

Jun, 2024 <https://www.abilitychannel.tv/nuova-variante-covid-kp3/>

Jun, 2024 <https://www.ilmeteo.it/notizie/covid-la-variante-kp3-la-pi-diffusa-gli-esperti-mettono-in-guardia-dai-viaggi-in-aereo-i-motivi-145549747>

Jun, 2024 <https://www.tecnomedicina.it/infezioni-sessualmente-trasmesse-in-italia-aumentano-i-contagi-da-sifilide-gonorrhea-clamidia/>

Jun, 2024 <https://www.ilfattoquotidiano.it/2024/06/24/influenza-aviaria-aumento-delle-infezioni-nei-felini-i-gatti-potenziale-via-di-diffusione-alluomo/7598750/>

Jun, 2024 https://www.izs.it/IZS/Home_Page/
Primo caso di febbre di Oropouche in Italia una nuova sfida per la sanità pubblica

Jun, 2024 <https://www.eldia.com/nota/2024-6-16-4-27-0-cambio-climatico-y-virus-a-mayor-contaminacion-crece-la-presencia-de-enfermedades-temas>

Jun, 2024 <https://tg24.sky.it/salute-e-benessere/2024/06/04/influenza-giugno-virus-fuori-stagione>

Jun, 2024 https://www.adnkronos.com/cronaca/dengue-italia-casi-ultime-notizie_BPyNXW0YVFfmROblfeLSB?refresh_ce

Jun, 2024 <https://www.dottnet.it/articolo/32536654/italia-al-primo-posto-per-casi-di-influenza-la-stagione-2023-2024-ha-superato-i-livelli-pre-pandemici>

May 24, 2024 https://www.adnkronos.com/Archivio/internazionale/esteri/covid-aspettativa-di-vita-come-e-cambiata-oms_3Z5sLXigbPYf4NSud3GBRJ

May 21, 2024 https://www.repubblica.it/spettacoli/people/2024/05/21/news/taylor_swift_concerto_parigi_allarme_covid-423052310/

May 21, 2024 <https://www.iss.it/-/comunicato-stampa-n-28/2024-il-long-covid-raddoppia-il-rischio-di-ricovero-4200-morti-per-questa-condizione>

May 21, 2024 https://www.repubblica.it/salute/2024/05/21/news/covid_variante_kp2_virus_vaccini_sintomi_contagi-423047612/

May 19, 2024 <https://ilikepuglia.it/19/05/2024/covid-fattore-di-rischio-per-alzheimer-lanalisi/>

May 18, 2024 <https://it.headtopics.com/news/covid-studio-rivela-ecco-come-virus-puo-aumentare-rischi-52776190>

May 18, 2024 <https://www.ilmeteo.it/notizie/covid-aumentano-infarti-e-ictus-dopo-3-anni-dallinfezione-lo-studio-italiano-gli-approfondimenti-060750472>

May 17, 2024 https://www.adnkronos.com/Archivio/cronaca/covid-oggi-italia-dati-bollettino-17-maggio_NYjoUJwlkz5QsZEqccvfi

May 14, 2024 <https://tg24.sky.it/salute-e-benessere/2024/05/14/mip-c-malattia>

May 9, 2024 https://www.ansa.it/canale_scienza/notizie/ragazzi/news/2024/05/09/in-italia-le-fake-news-sulla-brexist-battono-quelle-sul-covid_2d449637-6ec9-4264-9a33-3be809ee75c1.html

May 9, 2024 <https://www.tempoitalia.it/2024/05/magazine/nel-2023-litalia-registra-il-tasso-piu-basso-di-vaccinazioni-anti-covid-appena-il-13-della-popolazione-immunizzata/>

May 8, 2024 <https://www.notizie.com/2024/05/08/covid-i-dati-sono-ancora-allarmanti-10mila-i-morti-nel-2023/>

May 6, 2024 <https://mantovauno.it/salute/covid-rilevata-in-italia-la-variante-kp-2-e-piu-trasmissibile-e-immunoevasiva/>

May, 2024 <https://www.aism.it/covid-sclerosi-multipla-congresso-fism-2024>

May, 2024 <https://www.expatica.com/it/healthcare/healthcare-basics/vaccinations-in-italy-79776/>

May, 2024 <https://www.romatoday.it/attualita/pertosse-a-roma-lazio-quant-ricoveri-2024.html>

May, 2024 <https://www.theitaliantimes.it/2024/05/29/morbillo-emergenza-europa-aumenti-casi-contagio-infezioni/>