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2. [Health and social care \(https://www.gov.uk/health-and-social-care\)](https://www.gov.uk/health-and-social-care)
3. [Public health \(https://www.gov.uk/health-and-social-care/public-health\)](https://www.gov.uk/health-and-social-care/public-health)
4. [Health protection \(https://www.gov.uk/health-and-social-care/health-protection\)](https://www.gov.uk/health-and-social-care/health-protection)
5. [Health surveillance and reporting programmes \(https://www.gov.uk/health-and-social-care/health-protection-services-health-surveillance-and-reporting-programmes\)](https://www.gov.uk/health-and-social-care/health-protection-services-health-surveillance-and-reporting-programmes)

Collection

Syndromic surveillance: systems and analyses

These syndromic surveillance systems provide information for public health action about the spread of illness across England.

From:

[UK Health Security Agency \(/government/organisations/uk-health-security-agency\)](https://www.gov.uk/government/organisations/uk-health-security-agency)

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Contents

- [Syndromic surveillance summary](#)
- [Remote health advice syndromic surveillance system](#)
- [GP in hours syndromic surveillance system](#)
- [GP out-of-hours syndromic surveillance system](#)
- [Emergency department syndromic surveillance system](#)
- [National ambulance syndromic surveillance system](#)

Syndromic surveillance is the process of collecting, analysing and interpreting health-related data to provide an early warning of human or veterinary public health threats, which require public health action.

The UK Health Security Agency's (UKHSA) real-time syndromic surveillance team (ReSST) coordinates several national syndromic systems: we collect and analyse anonymised health data from several sources, looking for trends indicating higher-than-usual levels of illness and publish bulletins to keep public health professionals up to date.

Syndromic surveillance summary

This weekly summary of trends and important public health messages draws information from each of the UKHSA syndromic surveillance systems.

- [Syndromic surveillance: weekly summaries for 2022 \(/government/publications/syndromic-surveillance-weekly-summaries-for-2022\)](/government/publications/syndromic-surveillance-weekly-summaries-for-2022)
 - 26 May 2022
 - Research and analysis
- [Syndromic surveillance: weekly summaries for 2021 \(/government/publications/syndromic-surveillance-weekly-summaries-for-2021\)](/government/publications/syndromic-surveillance-weekly-summaries-for-2021)
 - 6 January 2022
 - Research and analysis
- [Syndromic surveillance: weekly summaries for 2020 \(/government/publications/syndromic-surveillance-weekly-summaries-for-2020\)](/government/publications/syndromic-surveillance-weekly-summaries-for-2020)
 - 7 January 2021
 - Research and analysis
- [Syndromic surveillance: weekly summaries for 2019 \(/government/publications/syndromic-surveillance-weekly-summaries-for-2019\)](/government/publications/syndromic-surveillance-weekly-summaries-for-2019)
 - 3 January 2020
 - Research and analysis
- [Syndromic surveillance: weekly summaries for 2018 \(/government/publications/syndromic-surveillance-weekly-summaries-for-2018\)](/government/publications/syndromic-surveillance-weekly-summaries-for-2018)
 - 3 January 2019
 - Research and analysis
- [Syndromic surveillance: weekly summaries for 2017 \(/government/publications/syndromic-surveillance-summary\)](/government/publications/syndromic-surveillance-summary)
 - 4 January 2018
 - Research and analysis
- [Syndromic surveillance: weekly summaries for 2016 \(/government/publications/syndromic-surveillance-weekly-summaries-for-2016\)](/government/publications/syndromic-surveillance-weekly-summaries-for-2016)
 - 5 January 2017
 - Research and analysis
- [Syndromic surveillance: weekly summaries for 2015 \(/government/publications/syndromic-surveillance-weekly-summaries-for-2015\)](/government/publications/syndromic-surveillance-weekly-summaries-for-2015)
 - 7 January 2016
 - Research and analysis

Remote health advice syndromic surveillance system

Monitoring patterns in phone calls to the NHS 111 service each day across England, to track the spread of infectious diseases like flu and norovirus. We examine call levels on a daily basis, and publish a weekly report.

These data can provide early warning of community-based infectious diseases.

- [Remote health advice: weekly bulletins for 2022 \(/government/publications/remote-health-advice-weekly-bulletins-for-2022\)](/government/publications/remote-health-advice-weekly-bulletins-for-2022)
 - 26 May 2022
 - Research and analysis

- [Remote health advice: weekly bulletins for 2021 \(/government/publications/remote-health-advice-weekly-bulletins-for-2021\)](/government/publications/remote-health-advice-weekly-bulletins-for-2021)
 - 6 January 2022
 - Research and analysis
- [Remote health advice: weekly bulletins for 2020 \(/government/publications/remote-health-advice-weekly-bulletins-for-2020\)](/government/publications/remote-health-advice-weekly-bulletins-for-2020)
 - 7 January 2021
 - Research and analysis
- [Remote health advice: weekly bulletins for 2019 \(/government/publications/remote-health-advice-weekly-bulletins-for-2019\)](/government/publications/remote-health-advice-weekly-bulletins-for-2019)
 - 3 January 2020
 - Research and analysis
- [Remote health advice: weekly bulletins for 2018 \(/government/publications/remote-health-advice-weekly-bulletins-for-2018\)](/government/publications/remote-health-advice-weekly-bulletins-for-2018)
 - 3 January 2019
 - Research and analysis
- [Remote health advice: weekly bulletins for 2017 \(/government/publications/remote-health-advice-bulletin\)](/government/publications/remote-health-advice-bulletin)
 - 4 January 2018
 - Research and analysis
- [Remote health advice: weekly bulletins for 2016 \(/government/publications/remote-health-advice-weekly-bulletins-for-2016\)](/government/publications/remote-health-advice-weekly-bulletins-for-2016)
 - 5 January 2017
 - Research and analysis
- [Remote health advice: weekly bulletins for 2015 \(/government/publications/remote-health-advice-weekly-bulletins-for-2015\)](/government/publications/remote-health-advice-weekly-bulletins-for-2015)
 - 7 January 2016
 - Research and analysis

GP in hours syndromic surveillance system

Monitoring the number of visits to GPs during regular surgery hours for known clinical indicators. We check consultation rates each day, and we publish a weekly report.

This system covers about 12% of England's population.

- [GP in hours: weekly bulletins for 2022 \(/government/publications/gp-in-hours-weekly-bulletins-for-2022\)](/government/publications/gp-in-hours-weekly-bulletins-for-2022)
 - 26 May 2022
 - Research and analysis
- [GP in hours: weekly bulletins for 2021 \(/government/publications/gp-in-hours-weekly-bulletins-for-2021\)](/government/publications/gp-in-hours-weekly-bulletins-for-2021)
 - 6 January 2022
 - Research and analysis

- [GP in hours: weekly bulletins for 2020 \(/government/publications/gp-in-hours-weekly-bulletins-for-2020\)](/government/publications/gp-in-hours-weekly-bulletins-for-2020)
 - 7 January 2021
 - Research and analysis
- [GP in hours: weekly bulletins for 2019 \(/government/publications/gp-in-hours-weekly-bulletins-for-2019\)](/government/publications/gp-in-hours-weekly-bulletins-for-2019)
 - 3 January 2020
 - Research and analysis
- [GP in hours: weekly bulletins for 2018 \(/government/publications/gp-in-hours-weekly-bulletins-for-2018\)](/government/publications/gp-in-hours-weekly-bulletins-for-2018)
 - 3 January 2019
 - Research and analysis
- [GP in hours: weekly bulletins for 2017 \(/government/publications/gp-in-hours-weekly-bulletins-for-2017\)](/government/publications/gp-in-hours-weekly-bulletins-for-2017)
 - 4 January 2018
 - Research and analysis
- [GP in hours: weekly bulletins for 2016 \(/government/publications/gp-in-hours-weekly-bulletins-for-2016\)](/government/publications/gp-in-hours-weekly-bulletins-for-2016)
 - 5 January 2017
 - Research and analysis
- [GP in hours: weekly bulletins for 2015 \(/government/publications/gp-in-hours-weekly-bulletins-for-2015\)](/government/publications/gp-in-hours-weekly-bulletins-for-2015)
 - 7 January 2016
 - Research and analysis

GP out-of-hours syndromic surveillance system

Monitors the number of unscheduled visits and calls to GPs every day during evenings, overnight, on weekends and on public holidays. This system covers approximately 80% of the England population and complements the existing GP surveillance systems that cover daytime consultations.

We analyse the data on a daily basis, and publish a weekly report.

- [GP out-of-hours syndromic surveillance: weekly bulletins for 2022 \(/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2022\)](/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2022)
 - 26 May 2022
 - Research and analysis
- [GP out-of-hours syndromic surveillance: weekly bulletins for 2021 \(/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2021\)](/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2021)
 - 6 January 2022
 - Research and analysis
- [GP out-of-hours syndromic surveillance: weekly bulletins for 2020 \(/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2020\)](/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2020)
 - 7 January 2021
 - Research and analysis

- [GP out-of-hours syndromic surveillance: weekly bulletins for 2019](#)
([/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2019](#))
 - 3 January 2020
 - Research and analysis
- [GP out-of-hours syndromic surveillance: weekly bulletins for 2018](#)
([/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2018](#))
 - 3 January 2019
 - Research and analysis
- [GP out-of-hours syndromic surveillance: weekly bulletins for 2017](#)
([/government/publications/gp-out-of-hours-syndromic-surveillance-bulletin](#))
 - 4 January 2018
 - Research and analysis
- [GP out-of-hours syndromic surveillance: weekly bulletins for 2016](#)
([/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2016](#))
 - 5 January 2017
 - Research and analysis
- [GP out-of-hours syndromic surveillance: weekly bulletins for 2015](#)
([/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2015](#))
 - 7 January 2016
 - Research and analysis

Emergency department syndromic surveillance system

The Emergency Department Syndromic Surveillance System (EDSSS) monitors the daily visits in a network of emergency departments across England (and Northern Ireland to March 2018). We analyse this data daily, and publish a weekly report.

- [Emergency department: weekly bulletins for 2022](#) ([/government/publications/emergency-department-weekly-bulletins-for-2022](#))
 - 27 May 2022
 - Research and analysis
- [Emergency department: weekly bulletins for 2021](#) ([/government/publications/emergency-department-weekly-bulletins-for-2021](#))
 - 6 January 2022
 - Research and analysis
- [Emergency department: weekly bulletins for 2020](#) ([/government/publications/emergency-department-weekly-bulletins-for-2020](#))
 - 7 January 2021
 - Research and analysis
- [Emergency department: weekly bulletins for 2019](#) ([/government/publications/emergency-department-weekly-bulletins-for-2019](#))
 - 3 January 2020
 - Research and analysis
- [Emergency department: weekly bulletins for 2018](#) ([/government/publications/emergency-department-weekly-bulletins-for-2018](#))

- 3 January 2019
- Research and analysis
- [Emergency department: weekly bulletins for 2017 \(/government/publications/emergency-department-bulletin\)](#)
 - 4 January 2018
 - Research and analysis
- [Emergency department: weekly bulletins for 2016 \(/government/publications/emergency-department-weekly-bulletins-for-2016\)](#)
 - 26 January 2017
 - Research and analysis
- [Emergency department: weekly bulletins for 2015 \(/government/publications/emergency-department-weekly-bulletins-for-2015\)](#)
 - 7 January 2016
 - Research and analysis

National ambulance syndromic surveillance system

The national ambulance syndromic surveillance system (NASSS) monitors daily calls made to all 10 ambulance trusts in England.

- [National ambulance syndromic surveillance: weekly bulletins 2022 \(/government/publications/national-ambulance-syndromic-surveillance-weekly-bulletins-2022\)](#)
 - 26 May 2022
 - Research and analysis
- [National ambulance syndromic surveillance: weekly bulletins 2021 \(/government/publications/national-ambulance-syndromic-surveillance-weekly-bulletins-2021\)](#)
 - 6 January 2022
 - Research and analysis
- [National ambulance syndromic surveillance: weekly bulletins 2020 \(/government/publications/national-ambulance-syndromic-surveillance-weekly-bulletins-2020\)](#)
 - 7 January 2021
 - Research and analysis
- [National ambulance syndromic surveillance: weekly bulletins 2019 \(/government/publications/national-ambulance-syndromic-surveillance-weekly-bulletins-2019\)](#)
 - 3 January 2020
 - Research and analysis

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1. 13 January 2022
Added links to weekly bulletins for 2022.
2. 27 January 2021
Added links to weekly bulletins for 2021.
3. 9 January 2020
Added the 5 syndromic surveillance system pages for 2020.

4. 19 September 2019
Added new section for national ambulance syndromic surveillance system.
5. 17 January 2019
Added the 5 syndromic surveillance system pages for 2019.
6. 15 January 2015
Updated bulletins.
7. 19 August 2014
First published.

Related content

- [Emergency department: weekly bulletins for 2022 \(/government/publications/emergency-department-weekly-bulletins-for-2022\)](/government/publications/emergency-department-weekly-bulletins-for-2022)
- [GP in hours: weekly bulletins for 2022 \(/government/publications/gp-in-hours-weekly-bulletins-for-2022\)](/government/publications/gp-in-hours-weekly-bulletins-for-2022)
- [National ambulance syndromic surveillance: weekly bulletins 2022 \(/government/publications/national-ambulance-syndromic-surveillance-weekly-bulletins-2022\)](/government/publications/national-ambulance-syndromic-surveillance-weekly-bulletins-2022)
- [Remote health advice: weekly bulletins for 2022 \(/government/publications/remote-health-advice-weekly-bulletins-for-2022\)](/government/publications/remote-health-advice-weekly-bulletins-for-2022)
- [GP out-of-hours syndromic surveillance: weekly bulletins for 2022 \(/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2022\)](/government/publications/gp-out-of-hours-syndromic-surveillance-weekly-bulletins-for-2022)

Explore the topic

- [Health surveillance and reporting programmes \(/health-and-social-care/health-protection-services-health-surveillance-and-reporting-programmes\)](/health-and-social-care/health-protection-services-health-surveillance-and-reporting-programmes)

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