

Weekly Evidence Surveillance 03/07/2026

Date	Source	Item	Pub Date	Details	Public Health Theme
03/07/2026	ECDC	Changing carbapenemase distribution in Klebsiella pneumoniae and Escherichia coli in the EU/EEA – preliminary results from the main collection of the CRE25 survey	29/06/2026	Findings indicate a considerable change in the carbapenemase gene distribution in carbapenem-resistant or carbapenem-susceptible, increased exposure (carbapenem-R/I) Klebsiella pneumoniae species complex (SC).	Antimicrobial Resistance (AMR)
03/07/2026	ECDC	Fact-finding mission on airport exit screening - EU Health Task Force mission to Democratic Republic of Congo and Uganda in response to the Bundibugyo virus disease outbreak 2026	29/06/2026	The EUHTF assessment mission to the DRC and Uganda confirmed that exit screening systems at the main international airports in both countries are well established with a clear focus on preventing the international transmission of Ebola disease.	Emerging Infectious Diseases
03/07/2026	ECDC	Monthly updates: Seasonal surveillance in humans and animals in 2026 for West Nile virus	30/06/2026	Two countries in Europe reported three locally acquired ¹ human cases of WNV infection: Italy reported two cases and North Macedonia one case. Dates of onset ranged from 12 to 27 May 2026. No deaths have been reported.	Emerging Infectious Diseases
03/07/2026	ECDC	Multi-country outbreak of Salmonella Stanley ST2045 infections linked to consumption of flavoured noodle products	01/07/2026	An outbreak of Salmonella Stanley ST2045 is ongoing in EU. 106 confirmed cases by 13 countries (77) and the UK (29) between November 2025 and June 2026. The outbreak is mainly affecting children and young adults, and has involved at least 49 hospitalisations. Flavoured noodle products from a specific brand are considered the most likely vehicle of infection.	Emerging Infectious Diseases

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03/07/2026	WHO	Blueprint for strengthening responses to fungal disease and antifungal resistance	30/06/2026	The guidance identifies critical gaps across awareness, workforce capacity, diagnostics, access to treatment, surveillance, stewardship and research — particularly in low- and middle-income countries — and presents integrated, equity-oriented and One Health approaches to help address them.	Antimicrobial Resistance (AMR)
03/07/2026	WHO	Regional Consultation on Vaccine and Immunization Research Preparedness for Vaccine Preventable Disease (VPD) Outbreaks and Pandemics, 14–16 April 2026, New Delhi, India	02/07/2026	The inaugural session highlighted the urgent need for a robust and ready immunization research ecosystem in the Region.	Vaccination Preventable Disease Guidance
03/07/2026	CDC	CDC Encourages Americans to Stay Mosquito Bite-Free during America's 250th Independence Day holiday weekend	01/07/2026	West Nile virus season starting early, highest number of infections reported at this point in year since 2004 in the US.	Emerging Infectious Diseases
03/07/2026	UKHSA	Spotlight on sexually transmitted infections in London: 2024 data	02/07/2026	This report focusses on sexually transmitted infections (STIs) in London. More than 122,000 new STIs were diagnosed in London residents in 2024, a rate of 1,369 diagnoses per 100,000 population	Sexual Health

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03/07/2026	UKHSA	National norovirus and rotavirus report, week 27 report: data to week 26 (data up to 28 June 2026)	02/07/2026	Main points: norovirus activity has continued to decrease in recent weeks but has exceeded expected levels. Rotavirus activity has varied in recent weeks and has remained within expected levels. During the 2025/2026 season to date, the majority (90.1%) of samples characterised were norovirus genogroup 2 (GII), of which the most frequent genotype identified was GII.4 (46.4%)	Emerging Infectious Diseases
03/07/2026	UKHSA	Gram-negative, MRSA, MSSA bacteraemia and C. difficile infections, from May 2025 to May 2026: monthly data trends	01/07/2026	This bulletin provides a brief overview of all cases. Of note MRSA cases increased including HOHA MRSA bacteraemia by 36%.	Antimicrobial Resistance (AMR)
03/07/2026	UKHSA	Respiratory syncytial virus (RSV) maternal vaccination coverage in England: February 2026 report	02/07/2026	Main points: 62.5% (23,691 out of 37,884) of women that reported giving birth during the survey month received an RSV vaccine	Vaccination Preventable Disease Guidance
03/07/2026	UKHSA	Respiratory syncytial virus (RSV) older adults vaccination coverage in England: May 2026 report	02/07/2026	Main Points: in the eligible older adults (routine and catch-up cohort), the overall vaccine uptake reached 63.6%, decreasing by 0.1 percentage points from 63.7% reported in April 2026. uptake in the most deprived decile was 50.4% and in the least deprived decile was 71.8%	Vaccination Preventable Disease Guidance
03/07/2026	UKHSA	RSV vaccination: expansion of eligibility to older adults in certain clinical risk groups	01/07/2026	This letter provides information about the forthcoming expansion of the eligibility criteria for the NHS respiratory syncytial virus (RSV) vaccination programme for adults aged 65 to 74 years in certain clinical at-risk groups.	Vaccination Preventable Disease Guidance

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03/07/2026	UKHSA	UKHSA Evaluation Strategy: June 2026 to 2029 - GOV.UK	30/06/2026	This Evaluation Strategy sets out how UKHSA will plan, conduct and use evaluation as a core organisational function that supports decision making, accountability, economic efficiency and continuous improvement.	Public Health Systems & Tools/Policies/Reviews
03/07/2026	UKHSA	Shiga toxin-producing Escherichia coli (STEC): symptoms, how to avoid, how to treat - GOV.UK	29/06/2026	Updated guidance for the public.	Emerging Infectious Diseases
03/07/2026	UKHSA	Nearly 400 antibiotic-resistant infections each week in 2024	29/06/2026	Cases of bacteraemia caused by antibiotic-resistance, a life-threatening infection where bacteria circulate in the blood, have increased by 9.3% since 2023. The estimated number of deaths in people with a resistant infection also increased.	Antimicrobial Resistance (AMR)
03/07/2026	UKHSA	National flu and COVID-19 surveillance report: 2 July 2026 (week 27)	02/07/2026	The main messages of this report are: influenza activity remained low and circulating at baseline levels, COVID-19 activity remained low and circulating at baseline levels and RSV activity remained low and circulating at baseline levels	Vaccination Preventable Disease Guidance
03/07/2026	UKHSA	Rare and Imported Pathogens Laboratory: specimen referral guidelines and service user manual	02/07/2026	The Rare and Imported Pathogens Laboratory (RIPL) provides medical and laboratory specialist services to the NHS and other healthcare providers, testing for a wide range of unusual and hazardous viral and bacterial pathogens.	Public Health Systems & Tools/Policies/Reviews

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03/07/2026	UKHSA	Syndromic surveillance summary: 28 June 2026 week 26	02/07/2026	Summary for Week 16: Daily NHS 111 triaged calls increased for diarrhoea (particularly in children under 1 year and in adult age groups) and vomiting (particularly in children 1 to 14 years). There were large increases in both 'heat exposure or sunburn' triaged calls and online assessments, and an increase in insect bites.	Emerging Infectious Diseases
03/07/2026	PHA-NI	Interim Annual Gastrointestinal Surveillance Report 2025	26/06/2026	Summary for 2025 compared to 2024: Campy. Decreased by 12.6%, Crypto decreased by 12.8%, E.Coli O157 more than doubled (43 cases compared to 20), Giardia and Shigella decreased, and Salmonella increased by 10.1%.	Emerging Infectious Diseases
03/07/2026	PHA-NI	Mpox vaccine reminder following increase in cases in Northern Ireland	23/06/2026	PHA-NI have published comms about getting vaccinated for Mpox if eligible following an increase in cases.	Sexual Health
03/07/2026	ESRI	Effects of emissions labels on consumer choice of lower-emission flights	25/06/2026	Overall, the findings imply that emissions labels, as currently implemented, are unlikely to reduce aviation emissions meaningfully and risk amplifying rather than correcting misperceptions by potentially greenwashing aviation.	Environment & Health
03/07/2026	ESRI	Economic insecurity, greenlash and the demand for climate policies in Europe	01/07/2026	This study examines how perceived economic insecurity predicts people's support for climate policies across European regions.	Environment & Health
03/07/2026	PH Ontario	How Vaccine Safety is Monitored in Ontario	15/06/2026	This document provides an overview of vaccine safety monitoring in Ontario and its integration within the broader Canadian system	Vaccination Preventable Disease Guidance

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03/07/2026	HIQA	Chapter 11 - Influenza	02/03/2026	Influenza immunisation guideline was revised: Chapter revised with an updated structure and new or updated information on epidemiology, vaccine co-administration information and in relation to precautions and contraindications.	Vaccination Preventable Disease Guidance
03/07/2026	PHS	Public health management of scabies	02/07/2026	This form summarises the guidance development group's considerations when moving from evidence to recommendation for the Scabies guideline. This is the first consensus set of recommendations on the public health management of scabies in Scotland. Related documents.	Emerging Infectious Diseases
03/07/2026	IDSA	Newly introduced legislation would revitalize antimicrobial development, support stewardship	24/06/2026	US State Senators reintroduced the bipartisan Pioneering Antimicrobial Subscriptions to End Upsurging Resistance (PASTEUR) Act to address the growing threat of antimicrobial resistance, invigorate the research and development of novel antimicrobials and invest in antimicrobial stewardship.	Antimicrobial Resistance (AMR)
03/07/2026	IDSA	Journal of Infectious Disease Monthly highlights: Recurrent Plasmodium falciparum Parasitemia and Drug Resistance Mutations During Intermittent Preventive Treatment of Malaria in Pregnancy in Uganda	13/02/2026	Authors' conclusions: Intermittent preventive treatment with monthly sulfadoxine-pyrimethamine had poor antimalarial preventive efficacy and selected for increased drug resistance, questioning the value of this intervention.	Emerging Infectious Diseases

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03/07/2026	IDSA	Journal of Infectious Disease Monthly highlights: Immune Checkpoint Inhibitor-Induced Rapid Decline in Hepatitis B Virus Markers Improves the Prognosis of Hepatitis B Virus–Related Hepatocellular Carcinoma Patients	15/06/2026	Authors' Conclusions: Immune checkpoint inhibitors demonstrate dual therapeutic effects in HBV-related HCC, significantly reducing multiple HBV markers while concurrently enhancing prognosis in combination with antiviral therapy, emphasizing the importance of sustained virological suppression for optimal HCC outcomes	Sexual Health
03/07/2026	IDSA	IDSA 2026 Clinical Practice Guideline Update on the Prevention of Invasive Aspergillosis in Adult Solid Organ Transplant Recipients	26/06/2026	As of June 26, 2026, the Infectious Diseases Society of America (IDSA) has released updated recommendations for the diagnosis and management of aspergillosis, replacing the previous guidelines last updated in 2016.	Emerging Infectious Diseases
03/07/2026	Evidence Alerts	Hou J, Lim SG, Buti M, et al. Phase 3 Results of Bepirovirsen Treatment for Chronic Hepatitis B Virus Infection. N Engl J Med. 2026 Jun 25;394(24):2395-2406. doi: 10.1056/NEJMoa2515131. Epub 2026 May 28. (Original study)	17/06/2026	Authors Conclusions: In two phase 3 trials involving patients with chronic HBV infection, a functional cure after the discontinuation of NA therapy was reported in significantly more patients treated with bepirovirsen than in those who received placebo. (Funded by GSK; ClinicalTrials.gov numbers, NCT05630807 and NCT05630820.).	Sexual Health

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03/07/2026	Evidence Alerts	Yu Q, Wu Z, Ge Q, et al. Efficacy and Safety of Systemic Prophylactic Antibacterials in Mechanically Ventilated Patients: Systematic Review and Meta-Analysis. Crit Care Med. 2026 Jun 1. doi: 10.1097/CCM.0000000000007183. (Systematic review)	17/06/2026	Authors conclusions: The systemic prophylactic antibacterials probably reduces early VAP and overall VAP incidence in mechanically ventilated patients, but probably does not reduce in-hospital mortality. Subgroup analyses suggested potential benefits in brain injury patients. Given incomplete safety reporting, future research should include comprehensive resistance surveillance and cost-effectiveness analyses.	Antimicrobial Resistance (AMR)
03/07/2026	Evidence Alerts	Benzylpenicillin versus flucloxacillin or cloxacillin for the treatment of penicillin-susceptible Staphylococcus aureus bacteraemia (SNAP): an international, multicentre, open-label, non-inferiority randomised controlled trial. Lancet. 2026 Jun 17:S0140-6736(26)00761-0. doi: 10.1016/S0140-6736(26)00761-0.	17/06/2026	Author Conclusions: Although the prespecified non-inferiority criterion for benzylpenicillin was not met, the probability of benzylpenicillin being non-inferior for mortality, along with a reduction in risk of AKI, indicates that benzylpenicillin should be preferred over flucloxacillin or cloxacillin for treatment of PSSA bacteraemia in adults.	Antimicrobial Resistance (AMR)
03/07/2026	WOAH	Australia notifies first case of High Pathogenicity Avian Influenza H5N1 in a wild bird	30/06/2026	On 20 June 2026, WOAHA was notified of the first detection of high pathogenicity avian influenza (HPAI) H5N1 in Australia in a marine wild bird, a migratory brown skua (Stercorarius antarcticus). The virus is related to H5N1 HPAI clade 2.3.4.4b viruses, which is the same subtype that is predominantly circulating in poultry, wild birds, and mammals globally.	Environment & Health