

FOOTNOTES by DATE		Per WHO: "16 yrs & younger since 1 Oct 2021" https://www.who.int/emergencies/diseases-outbreak-news/item/2022-DON37																	
Cumulative Case Counts Shown		04-19-22	04-21-22	04-24-22	04-30-22	05-03-22	05-06-22	05-07-22	05-10-22	05-1-22	05-12-22	05-13-22	05-15-22	05-16-22	05-17-22	05-18-22	05-19-22	05-20-22	05-21-22
Country (in order of case count)	UK	114					163				176					197			
	UK - England						118				128					144			
	UK - Scotland						22				26					26			
	UK - Wales						13				13					15			
	UK - Northern Ireland						10				9					12			
USA (using <10 yrs as cut off) https://publications.aap.org	9						109				115					180			
Brazil							16				28					47			
Spain	13						22				26					39			
Italy							35												
Mexico							0				4					21			25
Japan							7				12					24			
Indonesia							15				21								
Israel	12	20																	
Canada							7	8	10	11	12					14			
Ireland	<5										6					13			
Belgium	1										12								
Portugal							4				8					12			
Argentina							8									9			
Sweden							7				9								
Denmark	6																		
Netherlands	4						6												
Costa Rica							min. 1				2					5			
Norway	2										4					5			
Romania	1						4												
Greece											3								
Poland							1									3			
Austria							2												
Cyprus							2												
France	2																		
Panama							1				2								
Germany							1												
Malaysia											1								
Moldova																1			
Palestine							1 in. 1												
Puerto Rico																1			
Serbia							min. 1												
Singapore							1	1											
Slovenia							1												
South Korea											1								
Australia																0			
China							0												
Peru											0								
Switzerland	0																		
Vietnam											0								

Note:
1) Multiple footnotes per day are listed. Footnote# is listed to the right of the case count.
2) Countries may have more footnotes than entries above as some footnotes pertain to other details, such as deaths, and only cumulative case counts are listed above.

 E C D C	Children	446																	
	+ Probable																		
	Transplants		11																
	Deaths		11																
 W H O	# Countries	30																	
	Children	169																	
	+ Probable																		
	Transplants	17																	
# Countries	Deaths	1																	
		8																	
		21																	
		22																	

During 2nd wave:
37 Contested India

UPDATE 20220521A		#PediatricHepatitis			Need / Rec'd Transplants	Deaths				
Tweet	@Leggomyfuego	As of Date (Mo-day-yr)	# of Children	Country	# of Children	Source	# of Children	Source	Age	Source
NEW	i 1 4 27 55	05-19-22	197	UK	11	1	0		1	
NEW	i 12 27 55	05-19-22		144 England						
NEW	i 12 27 55	05-19-22		26 Scotland						
NEW	i 12 27 55	05-19-22		15 Wales						
NEW	i 12 27 55	05-19-22		12 Nthn Ireland						
NEW	i 1 4 36 52 58	05-19-22	180	USA* <10 yrs as cut off https://publications.aap.org	15	1	all 6 <10yrs death		10 mo	
i 10 33 54	05-19-22			47 Brazil					8 mo	
i 2 4 42 48	05-18-22			39 Spain	1	4				
i 2	05-06-22			35 Italy	1	4				
NEW	i 31 39 45 50 53 60	05-20-22		25 Mexico*					3 yr	
i 6 37 57	05-20-22			24 Japan						
i 3 15 16 30 34	05-13-22			21 Indonesia					2 mo 2@2 yr 7 yr 8 yr 11 yr	
i 4 21	04-24-22			20 Israel	2	21				
NEW	i 14 24 25 40 41 59	05-21-22		14 Canada*	2	59				
i 4 29 47	05-18-22			13 Ireland	1	29	1	29	29	
i 4 42	05-13-22			12 Belgium						
NEW	i 2 26 56	05-19-22		12 Portugal						
NEW	i 3 56 61	05-20-22		9 Argentina	1	61				
i 9 20	05-10-22			9 Sweden						
i 4	04-21-22			6 Denmark						
i 2 4	05-06-22			6 Netherlands	3	4				
i 1 26 51	05-18-22			5 Costa Rica						
i 4 26 42	05-13-22			5 Norway						
i 2 4	05-06-22			4 Romania						
i 38	05-12-22			3 Greece						
NEW	i 2 56	05-19-22		3 Poland						
i 2	05-06-22			2 Austria						
i 2	05-06-22			2 Cyprus						
i 4	04-21-22			2 France						
i 7 49	05-15-22			2 Panama*						
i 2	05-06-22			1 Germany						
i 35	05-12-22			1 Malaysia	1	35				
NEW	i 56	05-19-22		1 Moldova						
i 1 28	05-06-22			1 Palestine					8 yr	
i 46	05-18-22			1 Puerto Rico					2 yr	
i 1	05-06-22			1 Serbia						
i 11	05-06-22			1 Singapore						
i 2	05-06-22			1 Slovenia						
i 17 26	05-10-22			1 South Korea						
i 43	05-16-22			0 Australia						
i 23	05-09-22			0 China						
i 32	05-10-22			0 Peru						
i 18	04-19-22			0 Switzerland						
i 19	05-10-22			0 Vietnam						
		5/18/22 TOTAL	706	(38 countries)	38	18				
NEW	i 26 56	05-19-20	614	Per ECDC (34 countries)	11	14				
i 22 44	05-17-22	+40 probable	429	Per WHO (22 countries)	26	6				
i 13	05-09-22		37	India - (during 2nd wave)						
			743							

FOOTNOTES by DATE
Cumulative Case Counts Shown

Per WHO: "16 yrs & younger since 1 Oct 2021"
<https://www.who.int/emergencies/diseases/outbreak-news/item/2022-DON37>

Country (in order of case count)	04-19-22	04-21-22	04-24-22	04-30-22	05-03-22	05-06-22	05-07-22	05-09-22	05-10-22	05-11-22	05-12-22	05-13-22	05-15-22	05-16-22	05-17-22	05-18-22	05-19-22	05-20-22	05-21-22
UK	114				163					176							197		
UK - England					118					128							144		
UK - Scotland					22					26							26		
UK - Wales					13					13							15		
UK - Northern Ireland					10					9							12		
USA (using <10 yrs as cut off) https://publications.aap.org	9				109					115							180		
Brazil						16				28							47		
Spain	13				22					26							39		
Italy					35														
Mexico					0					4							21		25
Japan					7					12							24		
Indonesia						15				21									
Israel	12	20																	
Canada					7	8	10 11 12									14			
Ireland	<5									6							13		
Belgium	1				3					12									
Portugal					4		8										12		
Argentina					8												9		
Sweden					7		9												
Denmark	6																		
Netherlands	4				6														
Costa Rica					min. 1		2										5		
Norway	2						4			5									
Romania	1				4														
Greece								3											
Poland						1											3		
Austria							2												
Cyprus							2												
France		2																	
Panama					1					2									
Germany					1														

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Country	# of Children	Source #	As of Date (Mo-Day-Yr)	Country	# of Children	Source #	# of Children	Deaths
UK	197	1 NEW 27 55	05-19-22	UK	11	1 NEW 27 55	0	Need / Rec'd Transplants
144 England		12 NEW 27 55	05-19-22	144 England				
26 Scotland		12 NEW 27 55	05-19-22	26 Scotland				
15 Wales		12 NEW 27 55	05-19-22	15 Wales				
12 Nthn Ireland		12 NEW 27 55	05-19-22	12 Nthn Ireland				
USA* <10 yrs as cut off) https://publications.aap.org	180	1 NEW 36 52 58	05-19-22	USA* <10 yrs as cut off) https://publications.aap.org	15	1 NEW 36 52 58	6 all <10yrs	Deaths
Brazil	47	1 NEW 33 54	05-19-22	Brazil	1	1 NEW 33 54	1 8 mo	10
Spain	39	1 NEW 42 48	05-18-22	Spain	1	1 NEW 42 48		
Italy	35	1 NEW 2	05-06-22	Italy	1	1 NEW 2		
Mexico*	25	1 NEW 31 39 45 50 53 60	05-20-22	Mexico*			1 3 yr	53
Japan	24	1 NEW 6 37 57	05-20-22	Japan				
Indonesia	21	1 NEW 3 15 16 30 34	05-13-22	Indonesia			2 mo 2@2 yr	https
Israel	20	1 NEW 4 21	04-24-22	Israel	2	1 NEW 4 21	2@2 yr 7 yr, 8 yr 11 yr	https
Canada*	14	1 NEW 14 24 25 40 41 59	05-21-22	Canada*	2	1 NEW 14 24 25 40 41 59	59	https
Ireland	13	1 NEW 4 29 47	05-18-22	Ireland	1	1 NEW 29	1	29
Belgium	12	1 NEW 4 42	05-13-22	Belgium				
Portugal	12	1 NEW 2 26 56	05-19-22	Portugal				
Argentina	9	1 NEW 5 56 61	05-20-22	Argentina	1	1 NEW 5 56 61	61	
Sweden	9	1 NEW 9 20	05-10-22	Sweden				
Denmark	6	1 NEW 4	04-21-22	Denmark				
Netherlands	6	1 NEW 2 4	05-06-22	Netherlands	3	1 NEW 2 4		
Costa Rica	5	1 NEW 1 26 51	05-18-22	Costa Rica				
Norway	5	1 NEW 4 26 42	05-13-22	Norway				
Romania	4	1 NEW 2 4	05-06-22	Romania				
Greece	3	1 NEW 38	05-12-22	Greece				
Poland	3	1 NEW 2 56	05-19-22	Poland				
Austria	2	1 NEW 2	05-06-22	Austria				
Cyprus	2	1 NEW 2	05-06-22	Cyprus				
France	2	1 NEW 4	04-21-22	France				
Panama*	2	1 NEW 7 49	05-15-22	Panama*				
Germany	1	1 NEW 2	05-06-22	Germany				

FOOTNOTES by DATE
Cumulative Case Counts Shown

Per WHO: "16 yrs & younger since 1 Oct 2021"
<https://www.who.int/emergencies/diseases-outbreak-news/item/2022-DON37a>

Country (in order of case count)	04-19-22	04-21-22	04-24-22	04-30-22	05-03-22	05-06-22	05-07-22	05-09-22	05-10-22	05-11-22	05-12-22	05-13-22	05-15-22	05-16-22	05-17-22	05-18-22	05-19-22	05-20-22	05-21-22
Malaysia												1							
Moldova																	1		
Palestine			1 in. 1																
Puerto Rico														1					
Serbia			min. 1																
Singapore		1		1															
Slovenia				1															
South Korea					1														
Australia												0							
China						0													
Peru							0												
Switzerland	0																		
Vietnam						0													

Note:
1) Multiple footnotes per day are listed. Footnote# is listed to the right of the case count.
2) Countries may have **more footnotes than entries above** as some footnotes pertain to other details, such as deaths, and only cumulative case counts are listed above.

 ECDC	Children	446	614
	+ Probable		
	Transplants	11	11
	Deaths	11	14
 ECDC	# Countries	30	34
	Children	169	348
	+ Probable		40
	Transplants	17	26
 WHO	Deaths	1	8
	# Countries	11	21
	Children	348	429
	+ Probable	40	6
 WHO	Transplants	26	26
	Deaths	8	22
	# Countries	21	22
	Children	348	429

During 2nd wave:
37 Central India

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#PediatricHepatitis

Need / Rec'd
Transplants

Deaths

Country	# of Children	Source #	# of Children	Age	Source
Malaysia	1	35			
Moldova	1	56			
Palestine	1	1 28			
Puerto Rico	1	46			
Serbia	1	1			
Singapore	1	11			
Slovenia	1	2			
South Korea	1	17 26			
Australia	0	43			
China	0	23			
Peru	0	32			
Switzerland	0	18			
Vietnam	0	19			
			5/18/22 TOTAL	706	(38 countries)
				38	18

 Per ECDC (34 countries)	614	11	14
 Per WHO (22 countries)	429 +40 probable	26	6
India - (during 2nd wave)	37	743	

#PediatricHepatitis

Per WHO: "16 yrs & younger since 1 Oct 2021"

<https://www.who.int/emergencies/diseases-outbreak-news/item/2022-DON376>

Need / Rec'd Transplants

Deaths

UPDATE 20220521A

#PediatricHepatitis

Per WHO: "16 yrs & younger since 1 Oct 2021"

<https://www.who.int/emergencies/diseases-outbreak-news/item/2022-DON376>

Need / Rec'd Transplants

Deaths



@Leggomvfuego1



Sources

¹WHO working case definition:

- Confirmed: N/A at present
- Probable: A person presenting with an acute hepatitis (**non hepA-E***) with serum transaminase >500 IU/L (AST or ALT), who is **16 years and younger**, since **1 October 2021**
- Epi-linked: A person presenting with an acute hepatitis (**non hepA-E***) of any age who is a close contact of a probable case, since **1 October 2021**.

*If hepatitis A-E serology results are awaited, but other criteria met, these can be reported and will be classified as "pending classification". Cases with other explanations for their clinical presentation are discarded.

As of Date Mo-Day-Yr	Entity	Link	INFO	Description	WHO case definition: https://www.who.int/emergencies/disease-outbreak-news/item/2022-DON376
04-08-22	UK	United Kingdom (homepage: https://www.gov.uk/)			
05-12-22	UK	https://www.gov.uk/government/collections/captains-log	(Captain's Log) (Repository)	UK's recommended lists of TESTS (scroll down page) UKs log of each review of each Technical Briefing (a Tech Brief is the report of findings)	
05-06-22	UK	https://www.gov.uk/government/collections/technical-briefs-pdfs	Tech Brief PDFs	UK's List of Technical Briefings PDF's (w/ clickable PDF's - most recent at top)	
04-25-22	UK	https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1083477/Technical_Brief_1_4_25_22.pdf	Tech Brief #1, 4/25/22 RESULTS	UK Technical Briefing 1 (data cut off 4/20/22) 81 cases in UK	
05-06-22	UK	https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1083478/Technical_Brief_2_5_6_22.pdf	Tech Brief #2, 5/6/22 RESULTS	UK Technical Briefing 2 (data cut off 5/3/22) 163 cases in UK	
05-19-22	UK	https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1083479/Technical_Brief_3_5_19_22.pdf	Tech Brief #3, 5/19/22 RESULTS	UK Technical Briefing 3 (data cut off 5/16/22) 197 cases in UK	
04-28-22	ECDC	European Centre for Disease Prevention and Control (homepage: https://www.ecdc.europa.eu/en)			
04-28-22	ECDC	https://www.ecdc.europa.eu/en/publications-data/rapid-risk-assessment-19-pages		ECDC's - Rapid Risk Assessment (19 pages)	
""	""	""	TESSy 4/28/22 RESULTS	pg 8: Summary table ~166 cases = EU/EEA (55) + UK (111)	
""	""	""	TO DO TEST LIST	pg 13 Table 2 (testing at-a-glance)	
05-06-22	ECDC	https://www.ecdc.europa.eu/en/publications-data/hepatitis-unknown-origin-reporting-protocol-2022	Reporting Protocol (33 page manual on HOW TO REPORT into TESSy)	TESSy - The European Surveillance System Reporting Protocol - Hepatitis of Unknown Origin (via 4/29/22 https://www.ecdc.europa.eu/en/publications-data/hepatitis-unknown-origin-reporting-protocol-2022)	
05-10-22	ECDC	https://www.ecdc.europa.eu/en/publications-data/epidemiological-update-hepatitis-of-unknown-aetiology-in-children	5/10/22 RESULTS	ECDC - Epidemiological update: Hepatitis of unknown aetiology in children ~268 cases = EU/EEA (~105) + UK (163) ~449 cases globally = EU/EEA (~105) + UK (163) + rest of globe (181)	
05-19-22	ECDC	https://www.ecdc.europa.eu/en/publications-data/epidemiological-update-hepatitis-of-unknown-aetiology-in-children	5/19/22 RESULTS	ECDC - Epidemiological update: Hepatitis of unknown aetiology in children 301 cases = EU/EEA (125) + UK (176) 614 cases globally = EU/EEA (125) + UK (176) + rest of globe (331)	
05-13-22	Joint ECDC-WHO	https://cdn.ecdc.europa.eu	TESSy into WHO RESULTS (click green Summary table)	Per "Surveillance summary" cases that have been reported to WHO Regional Office via TESSy as of 5/13/22: 232 cases = EU/EEA (101) + UK (131) = PROBABLE (229) + Epi-linked (3) (143 cases had detailed information confirming 6 Transplants & 1 Death) Summary table: 232 Cases 13 Transplants (Death column not shown)	
04-21-22	USA	United States		NOTE: USA is using <10 years old as cut off. WHO's directive (above) is 16 years old and younger	
04-21-22	CDC	https://emergency.cdc.gov	TO DO TEST LIST	HAN HEALTH ADVISORY: Recommendations Adenovirus Testing & Reporting of Children w/ Acute Hepatitis of Unknown Etiology	
04-21-22	CDC	https://www.cdc.gov/ncird	TO DO TEST LIST	Clinical Guidance for Adenovirus Testing and Typing of Patients Under Investigation (with link to: <i>"Additional guidance from AAP: Red Book Online Outbreaks: Hepatitis Cases Possibly Associated with Adenoviral Infection"</i>)	
05-11-22	CDC	https://emergency.cdc.gov	TO DO TEST LIST	HAN HEALTH ADVISORY: Children with Acute Hepatitis of Unknown Etiology	
05-12-22	AAP	https://publications.aap.org	TO DO TEST LIST HOW TO REPORT	American Academy of Pediatrics Red Book Online Outbreaks: Hepatitis Cases Possibly Associated with Adenoviral Infection	
	CANADA	Canada			
	Ontario	https://www.publichealthontario.ca	TO DO TEST LIST How To Report -Requisitions & KIT ordering	Public Health Ontario All on one web page - testing and reporting guidelines, Requisitions & KIT ordering	

FOOTNOTES IN NUMERICAL ORDER

Cumulative Case Counts Shown by Country per Source



@Leggomyfuego1



Footnotes

¹WHO working case definition:

- **Confirmed:** N/A at present
 - **Probable:** A person presenting with an acute hepatitis (**non hep-A-E***) with serum transaminase >500 IU/L (AST or ALT), who is 16 years and younger, since 1 October 2021. 
 - **Epi-linked:** A person presenting with an acute hepatitis (**non hep-A-E***) of any age who is a close contact of a probable case, since 1 October 2021.

*If hepatitis A-E serology results are awaited, but other criteria met, these can be reported and will be classified as "pending classification". Cases with other explanations for their clinical presentation are discarded.

Per WHO: "16 yrs & younger since 1 Oct 2021"

<https://www.who.int/emergencies/disease-outbreak-news/item/2022-DON376>