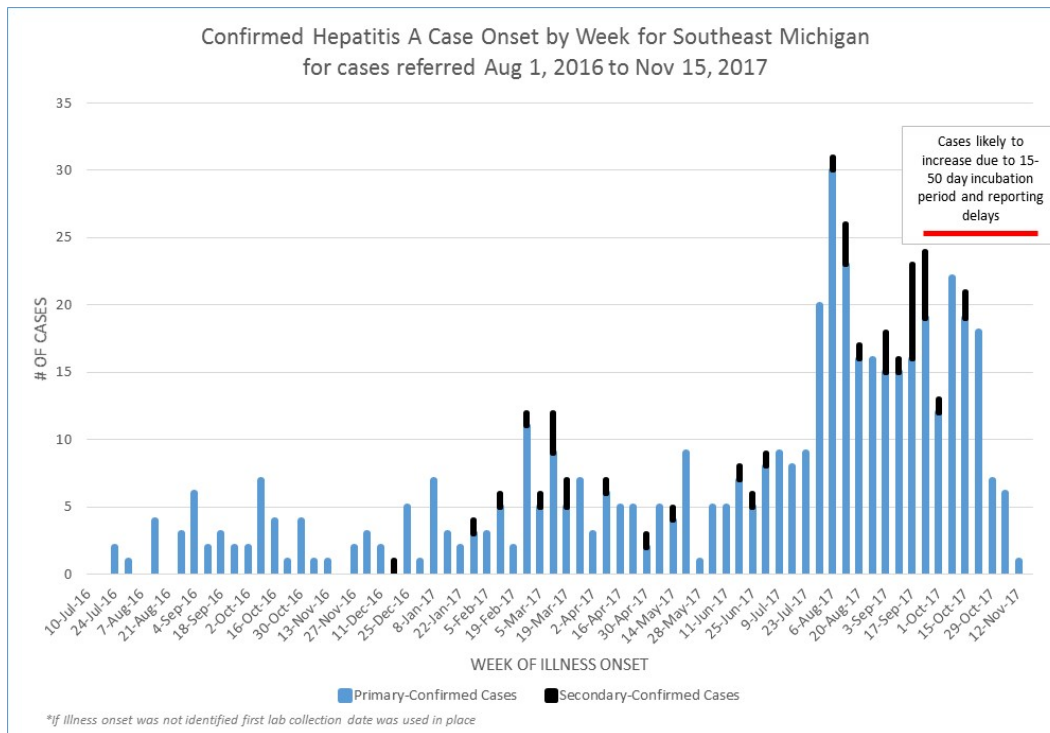


Southeast Michigan Hepatitis A 2016/2017 Outbreak Summary

Epi Summary for Hepatitis A Cases in Southeast MI (Detroit City, Ingham, Lapeer, Livingston, Macomb, Monroe, Oakland, St. Clair, Sanilac, Washtenaw & Wayne)* for Confirmed Cases Referred August 1, 2016-November 15, 2017†							
	H2 CY2016	Q1 CY2017	Q2 CY2017	Q3 CY2017	Oct-17	Nov-17	Total
Total # of Cases (by Onset)	56	71	66	228	76	12	509
# Primary Confirmed Cases w/ Outbreak Strains	21	33	40	152	15	0	261
# Primary Confirmed Cases w/out sequencing	34	29	21	54	58	12	208
# Secondary Confirmed Cases	1	9	5	22	3	0	40
Female, n (%)	20 (35.7)	25 (35.2)	24 (36.4)	91 (39.9)	21 (27.6)	5 (41.7)	186 (36.5)
Hospitalized, n (%)	49 (87.5)	60 (84.5)	57 (86.4)	185 (81.1)	67 (88.2)	8 (66.7)	426 (83.7)
Min Age (years)	24	21	22	<1	20	24	<1
Max Age (years)	83	86	86	87	79	76	87
Median Age (years)	44.5	44	39	42	37	35	42
Deaths, n (%)	4 (7.1)	4 (5.6)	3 (4.5)	7 (3.1)	2 (2.6)	0 (0.0)	20 (3.9)
Data below excludes secondary cases							
No Substance Abuse + No Homeless/Transient Living, n (%)	29 (52.7)	18 (29.0)	15 (24.6)	74 (35.9)	32 (43.8)	3 (25.0)	171 (36.4)
Documented Substance Abuse, n (%)	16 (29.1)	37 (59.7)	38 (62.3)	103 (50.0)	32 (43.8)	4 (33.3)	230 (49.0)
Homeless/Transient Living, n (%)	9 (16.4)	8 (12.9)	12 (19.7)	18 (8.7)	4 (5.5)	2 (16.7)	53 (11.3)
History of Hepatitis B, n (%)	3 (5.5)	3 (4.8)	2 (3.3)	6 (2.9)	0 (0.0)	1 (8.3)	15 (3.2)
History of Hepatitis C, n (%)	9 (16.4)	14 (22.6)	22 (36.1)	70 (34.0)	17 (23.3)	4 (33.3)	136 (29.0)
MSM, n (%) *Data includes only male cases	1 (2.9)	1 (2.4)	2 (5.0)	7 (5.4)	18 (32.7)	1 (14.3)	30 (9.8)
Correctional Facility Inmates, n (%)	1 (1.8)	2 (3.2)	4 (6.6)	18 (8.7)	4 (5.5)	1 (8.3)	30 (6.4)
Healthcare Worker, n (%)	1 (1.8)	0 (0.0)	1 (1.6)	6 (2.9)	4 (5.5)	1 (8.3)	13 (2.8)
Food Worker, n (%)	2 (3.6)	1 (1.6)	2 (3.3)	9 (4.4)	6 (8.2)	0 (0.0)	20 (4.3)
Cases LTF	14 (25.5)	19 (30.6)	20 (32.8)	47 (22.8)	2 (2.7)	0 (0.0)	102 (21.7)
*Also includes individual cases from Calhoun, Clare, Genesee, Hillsdale, Huron, and Isabella Counties and a MDOC Facility (Jackson County) that were found to have the outbreak strain when tested by CDC							
†Analysis excludes cases that have been submitted to CDC and found to be PCR Negative, have a different strain from the outbreak strains, or have international travel in the 2-6 weeks prior to illness onset.							
‡ Source of data: MDSS							



Report is a preliminary ad hoc analysis. Information to be considered DRAFT.

Southeast Michigan Hepatitis A 2016/2017 Outbreak Summary

Confirmed Hepatitis A Cases Referred Aug 1, 2016-Nov 15, 2017 meeting the SE MI Hep A Case Definition	
County (or City)	Total Cases
City of Detroit	128
Calhoun	1
Clare	1
Genesee	1
Hillsdale	1
Huron	1
Ingham	3
Isabella	1
Lapeer	3
Livingston	5
Macomb	164
Monroe	7
Oakland	78
Sanilac	4
St. Clair	18
Washtenaw	8
Wayne	84
Other*	1
Total	509
*Jackson MDOC	