

This report summarises invasive meningococcal disease notifications for August 2019 and the cumulative cases for January to August 2019.

Information is based on data recorded in EpiSurv as at 3 September 2019. Data presented may be further updated and should be regarded as provisional.

Figures 1–3 and Table 5 show data for 2016–2019 and Tables 1–4 show data for 2019. Figure 4 shows historical notifications of cases by month from 1 January 2013 to August 2019.

Summary

There were 14 meningococcal disease cases (13 laboratory confirmed and 1 probable) reported in August 2019, bringing the total to 91 for the year to date, with six deaths. Between January and August 2018 there were 64 cases and six deaths.

Of the 13 laboratory confirmed cases in August 2019, the group was identified in 11 cases: 5 were group W, 4 were group B and 2 were group Y.

Figure 1. Number of meningococcal disease notifications by month by group, January 2016–August 2019

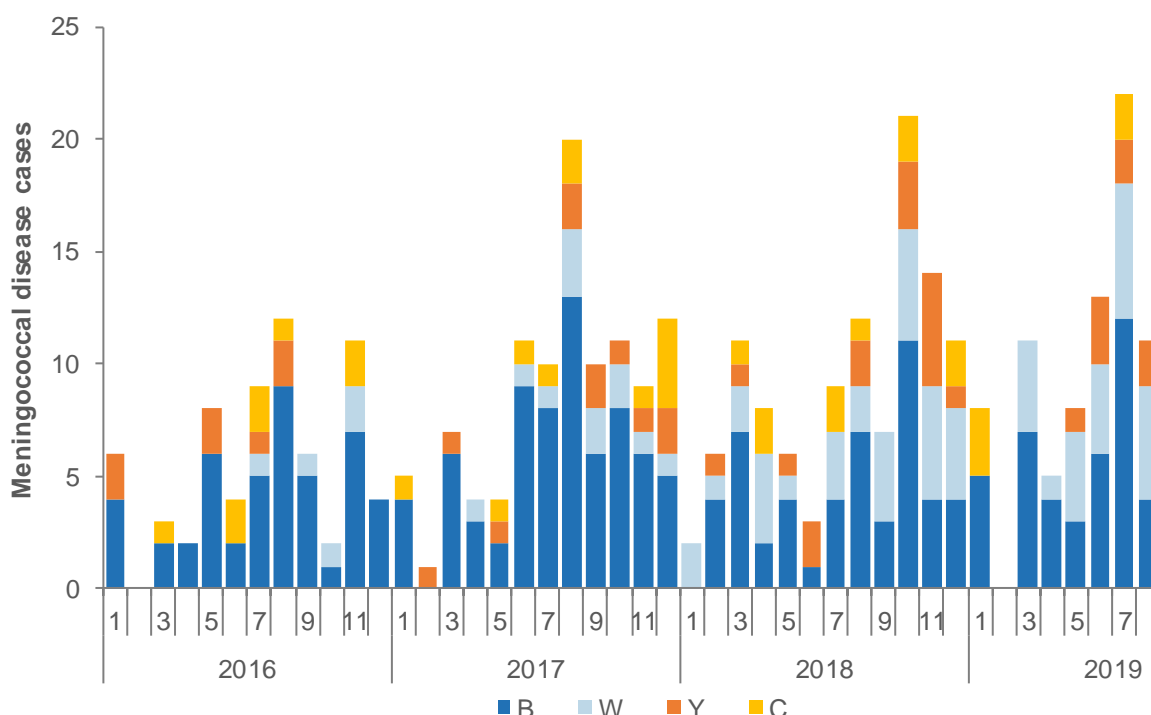


Figure 2. Cumulative group B meningococcal disease notifications 2016–August 2019

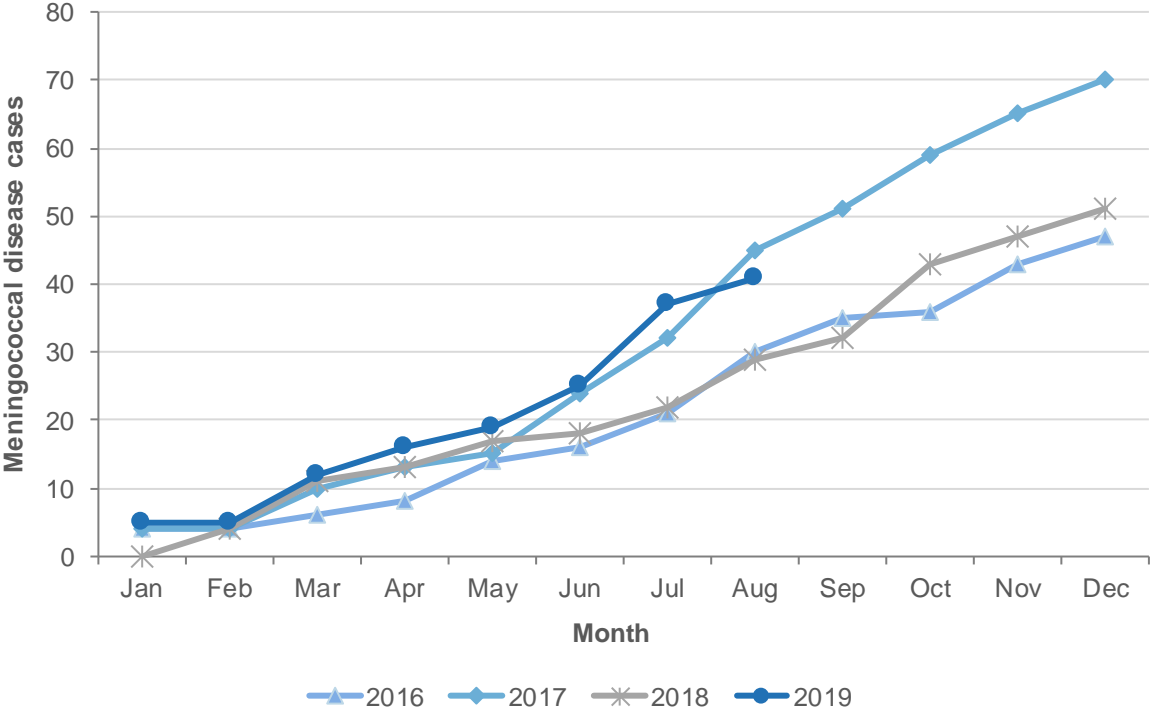


Figure 3. Cumulative group W meningococcal disease notifications 2016–August 2019

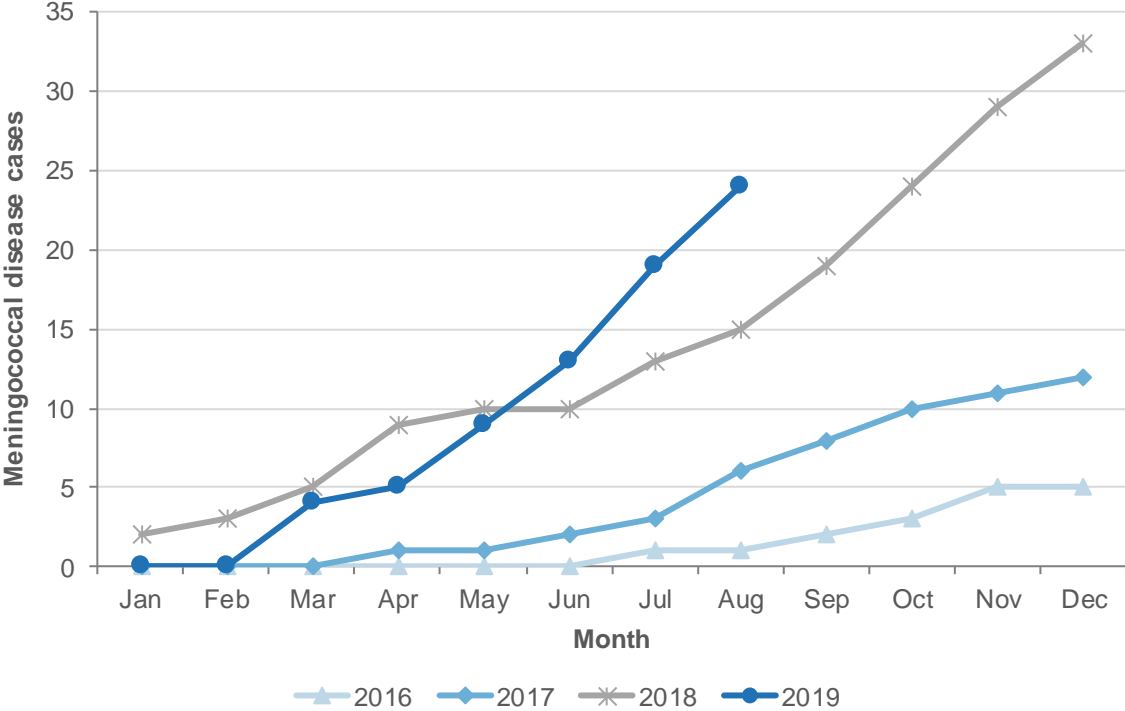


Table 1. Number of meningococcal disease cases for August 2019 and cumulative number of cases and deaths for 2019* by age group

Age group	August 2019	Cumulative total 2019*	Number of deaths 2019*
<1	5	20	2
1 to 4	3	15	0
5 to 9	1	11	0
10 to 14	0	2	0
15 to 19	1	7	0
20 to 29	2	12	1
30 to 39	0	2	0
40 to 49	0	3	0
50 to 59	0	6	1
60 to 69	1	8	1
70+	1	5	1
Total	14	91	6

*data from January to August 2019.

Table 2. Number of meningococcal disease cases for August 2019 and cumulative number of cases and deaths for 2019* by ethnic group

Ethnic group (prioritised)	August 2019	Cumulative total 2019*	Number of deaths 2019*
Māori	0	30	1
Pacific peoples	5	21	2
Asian	0	5	1
MELAA ¹	0	0	0
European or Other	8	34	2
Unknown	1	1	0
Total	14	91	6

¹ Middle Eastern/Latin American/African.

*data from January to August 2019.

Table 3. Number of meningococcal disease cases for August 2019 and cumulative number of cases for 2019* by district health board

District health board	August 2019	Cumulative total 2019*
Northland	1	6
Waitemata	2	18
Auckland	0	6
Counties Manukau	4	14
Waikato	0	8
Lakes	1	2
Bay of Plenty	1	7
Tairāwhiti	0	2
Hawke's Bay	0	1
Whanganui	1	3
MidCentral	2	5
Hutt Valley	1	1
Capital and Coast	0	6
Canterbury	0	9
Southern	1	3
Total	14	91

*data from January to August 2019.

Table 4. Meningococcal disease cases by group by district health board, January–August 2019

District health board	Group					Group unknown ¹	Not lab-confirmed	Total
	B	W	Y	C	E			
Northland	1	3	0	0	0	2	0	6
Waitemata	10	5	3	0	0	0	0	18
Auckland	3	2	0	0	0	1	0	6
Counties Manukau	7	4	1	0	1	1	0	14
Waikato	4	1	1	2	0	0	0	8
Lakes	0	1	0	0	0	0	1	2
Bay of Plenty	2	2	1	2	0	0	0	7
Tairāwhiti	1	1	0	0	0	0	0	2
Hawke's Bay	1	0	0	0	0	0	0	1
Whanganui	1	1	0	0	0	1	0	3
MidCentral	2	2	0	0	0	0	1	5
Hutt Valley	1	0	0	0	0	0	0	1
Capital and Coast	1	1	0	1	0	3	0	6
Canterbury	7	0	2	0	0	0	0	9
Southern	0	1	0	0	0	1	1	3
Total	41	24	8	5	1	9	3	91

¹ Includes non-groupable, DNA laboratory-confirmed by PCR and laboratory-confirmed isolates not received by ESR.

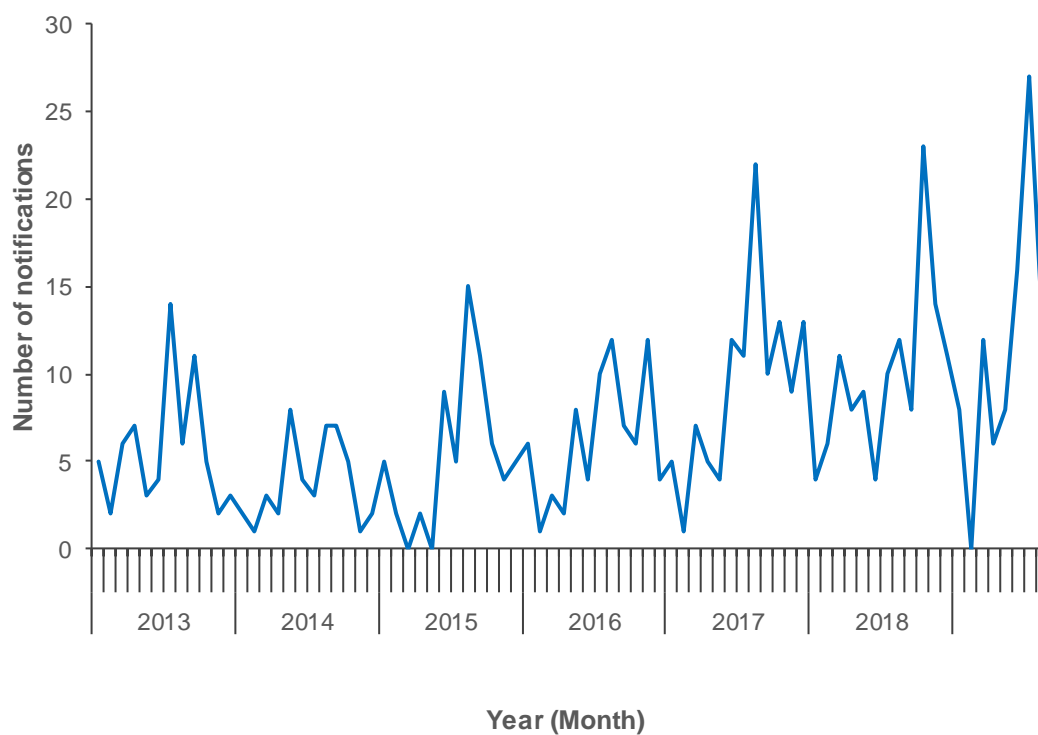
Table 5. Meningococcal disease cases by group by year, 2016–2019*

Group	Year			
	2016	2017	2018	2019*
B	47	70	51	41
C	8	11	10	5
W	5	12	33	24
Y	7	11	16	8
X	0	0	1	0
E	0	0	0	1
Group unknown ¹	3	5	6	9
Not lab-confirmed	5	3	3	3
Total	75	112	120	91

¹ Includes non-groupable, DNA laboratory-confirmed by PCR and laboratory-confirmed isolates not received by ESR.

*data to 31 August only.

Figure 4. Number of meningococcal disease notifications by month, 1 January 2013 to August 2019



*data to 31 August 2019 only.