

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

Information is based on data recorded in EpiSurv as at 6 August 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 July 2019.

Summary

There were 28 meningococcal disease cases (all laboratory confirmed) reported in July 2019, bringing the total to 78 for the year to date, with two deaths. Between January and July 2018 there were 52 cases and five deaths.

Of the 28 cases in July 2019, the group was identified in 24 cases: 12 were group B, 6 were group W, 3 were group Y, 2 were group C, and 1 was group E.

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

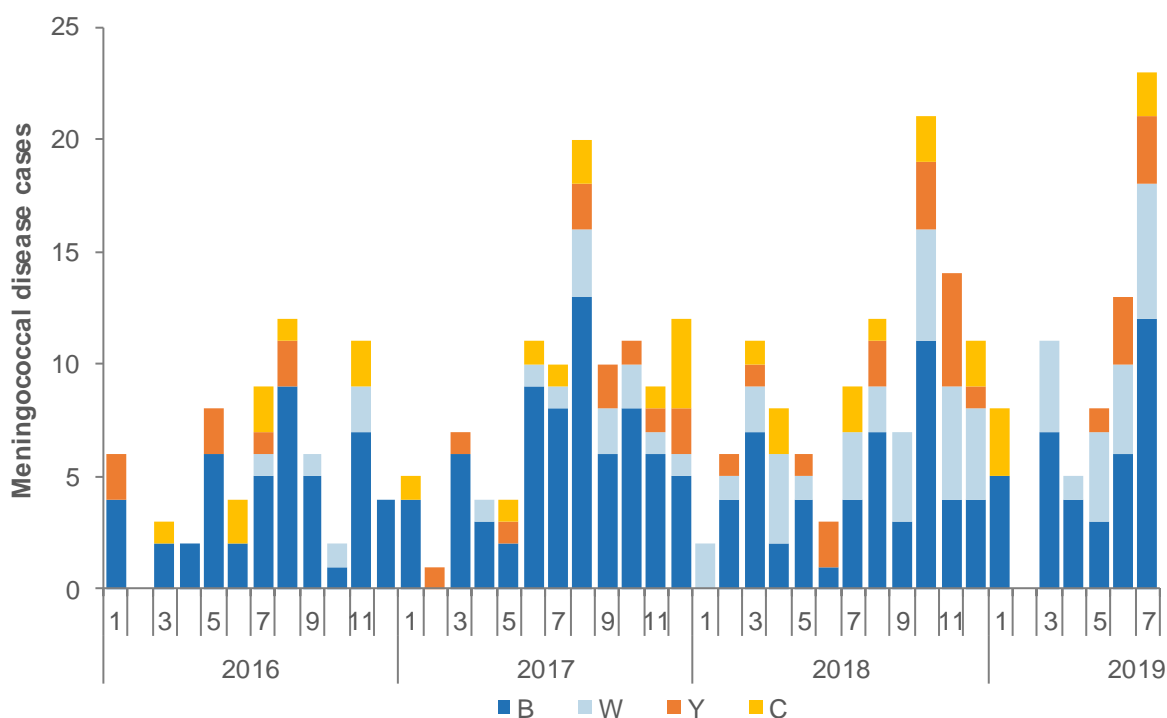


Figure 2. Cumulative group B meningococcal disease notifications 2016–July 2019

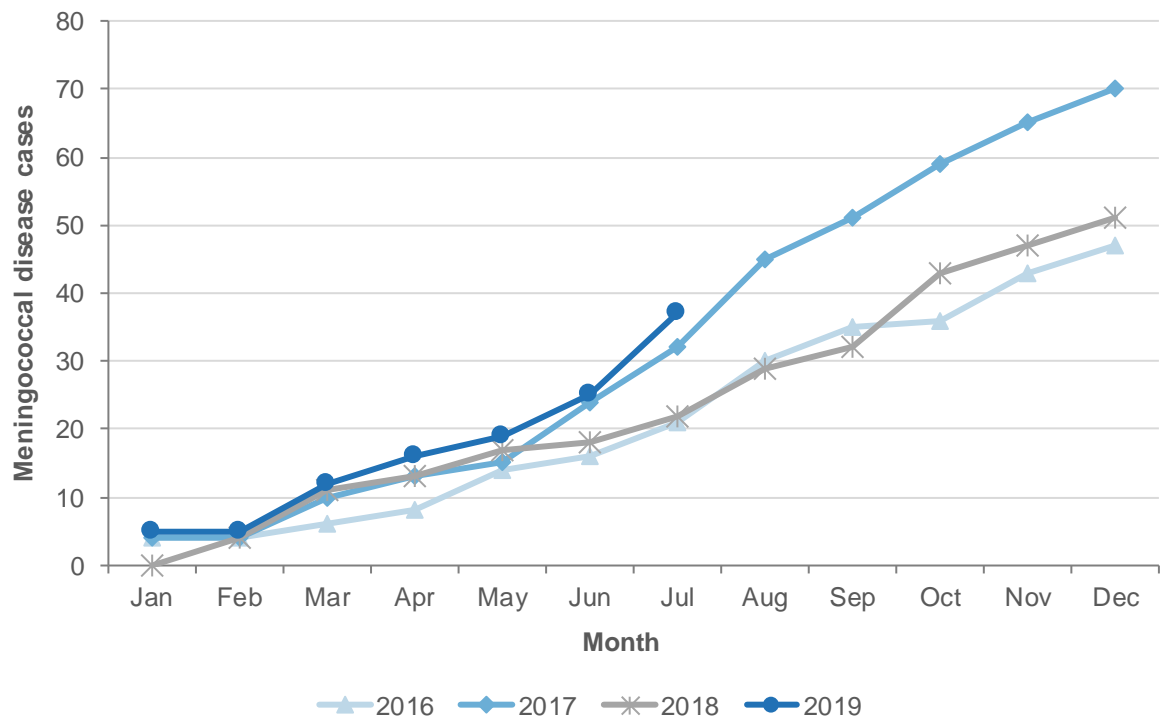


Figure 3. Cumulative group W meningococcal disease notifications 2016–July 2019

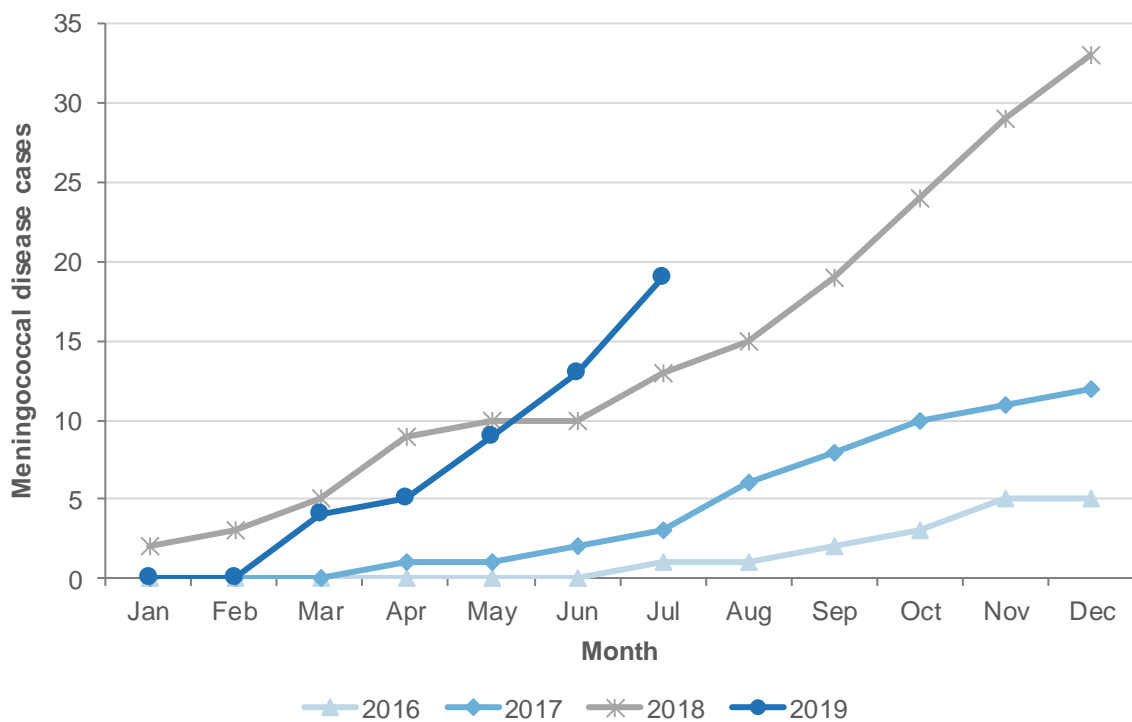


Table 1. Number of meningococcal disease cases for July 2019 and cumulative number of cases and deaths for 2019* by age group

Age group	July 2019	Cumulative total 2019*	Number of deaths 2019*
<1	5	16	0
1 to 4	2	12	0
5 to 9	3	10	0
10 to 14	2	2	0
15 to 19	6	6	0
20 to 29	2	10	1
30 to 39	1	2	0
40 to 49	0	3	0
50 to 59	4	6	0
60 to 69	1	7	1
70+	2	4	0
Total	28	78	2

*data from January to July 2019

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

Ethnic group (prioritised)	July 2019	Cumulative total 2019*	Number of deaths 2019*
Māori	11	31	0
Pacific peoples	4	15	0
Asian	0	4	1
MELAA ¹	0	0	0
European or Other	10	25	1
Unknown	3	3	0
Total	28	78	2

¹ Middle Eastern/Latin American/African

*data from January to July 2019

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

District health board	July 2019	Cumulative total 2019*
Northland	2	5
Waitemata	6	16
Auckland	2	7
Counties Manukau	5	10
Waikato	4	8
Lakes	0	1
Bay of Plenty	1	6
Tairāwhiti	1	2
Hawke's Bay	1	1
Whanganui	1	2
MidCentral	1	3
Capital and Coast	2	6
Canterbury	1	9
Southern	1	2
Total	28	78

*data from January to July 2019

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

District health board	Group					Group unknown ¹	Not lab-confirmed	Total
	B	W	Y	C	E			
Northland	1	2	0	0	0	2	0	5
Waitemata	9	5	2	0	0	0	0	16
Auckland	3	2	1	0	0	1	0	7
Counties Manukau	5	3	0	0	1	1	0	10
Waikato	4	1	1	2	0	0	0	8
Lakes	0	0	0	0	0	0	1	1
Bay of Plenty	2	1	1	2	0	0	0	6
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	0	0	2
MidCentral	2	1	0	0	0	0	0	3
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	0	1	2
Total	37	19	7	5	1	7	2	78

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

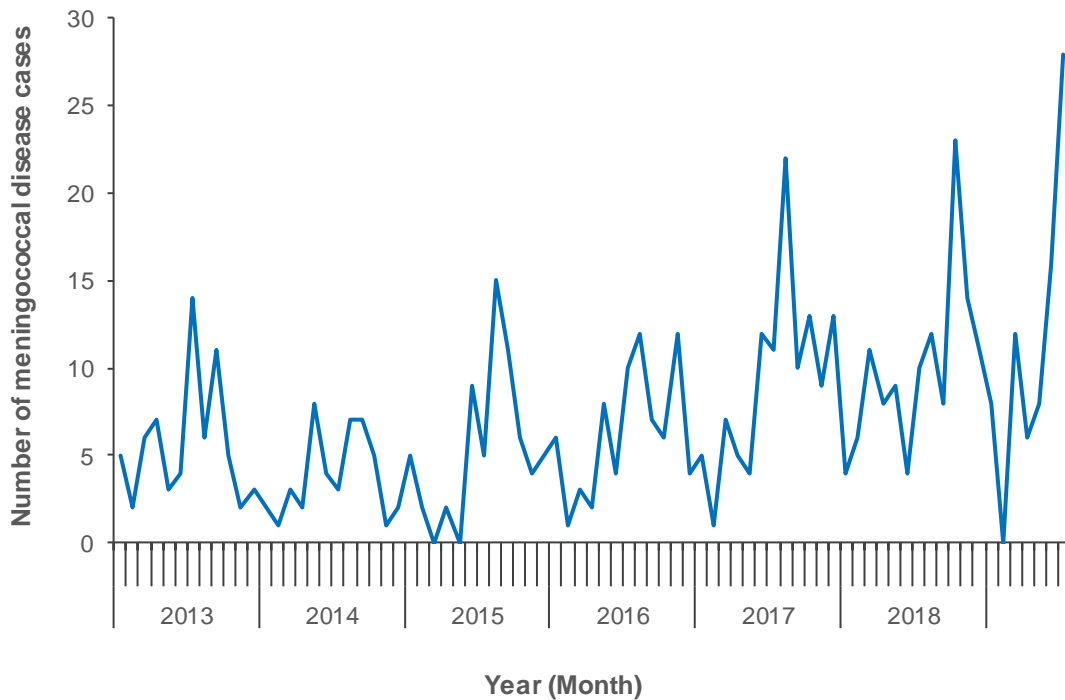
Table 5. Meningococcal disease cases by group by year, 2016–2019*

Group	Year			
	2016	2017	2018	2019*
B	47	70	51	37
C	8	11	10	5
W	5	12	33	19
Y	7	11	16	7
X	0	0	1	0
E	0	0	0	1
Group unknown ¹	3	5	6	7
Not lab-confirmed	5	3	3	2
Total	75	112	120	78

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

*data to 31 July only.

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



*data to 31 July 2019 only.