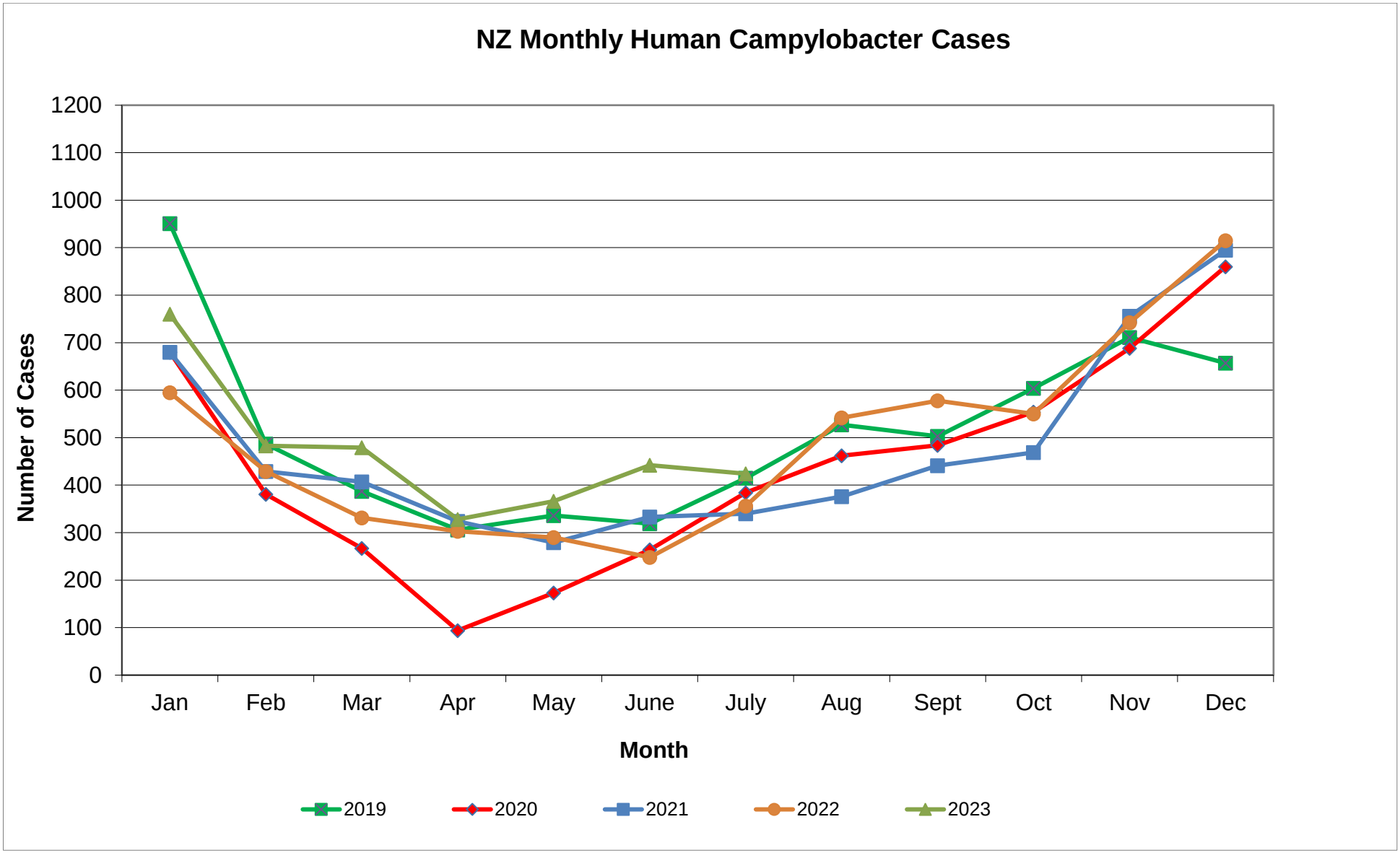
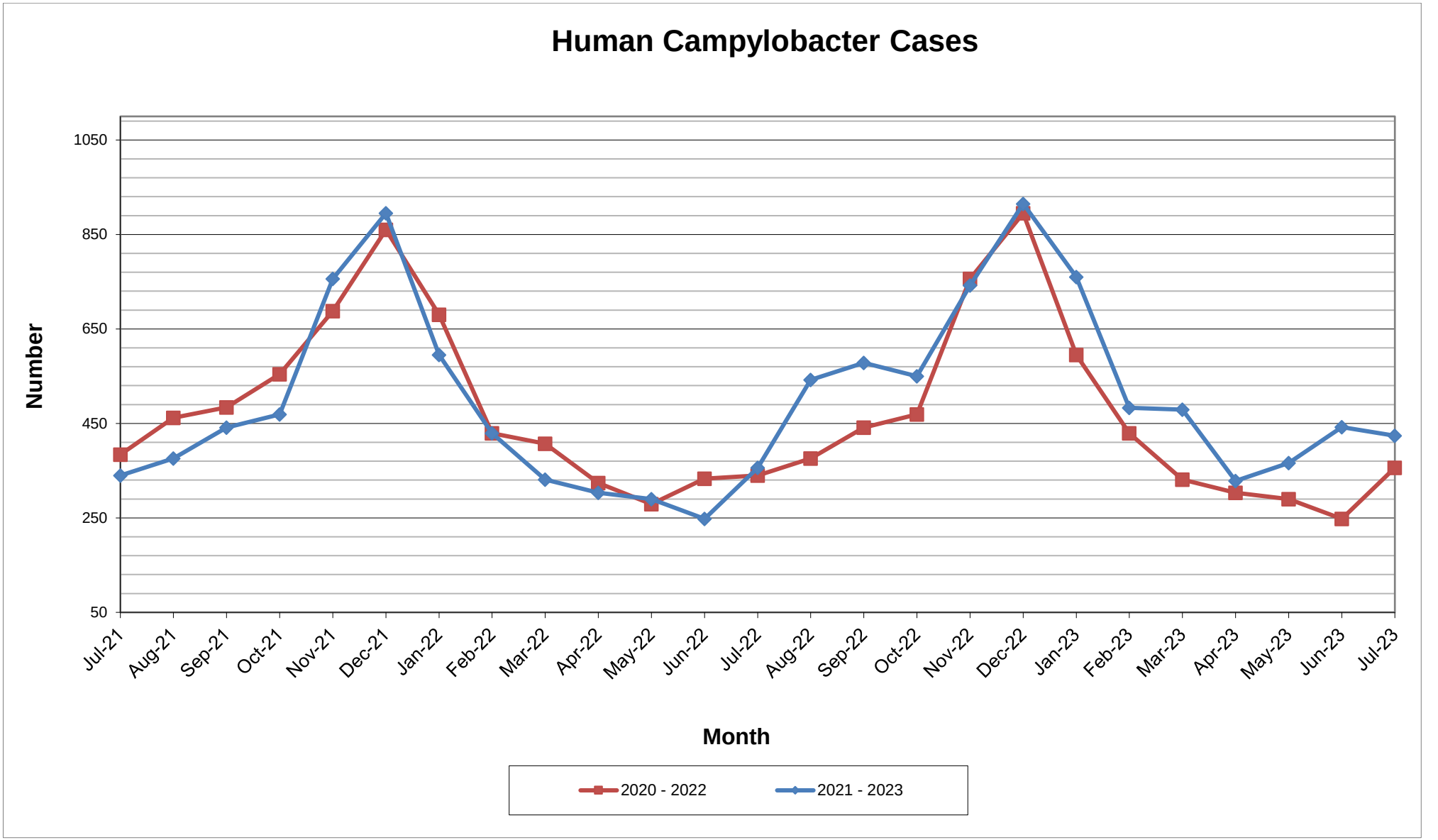
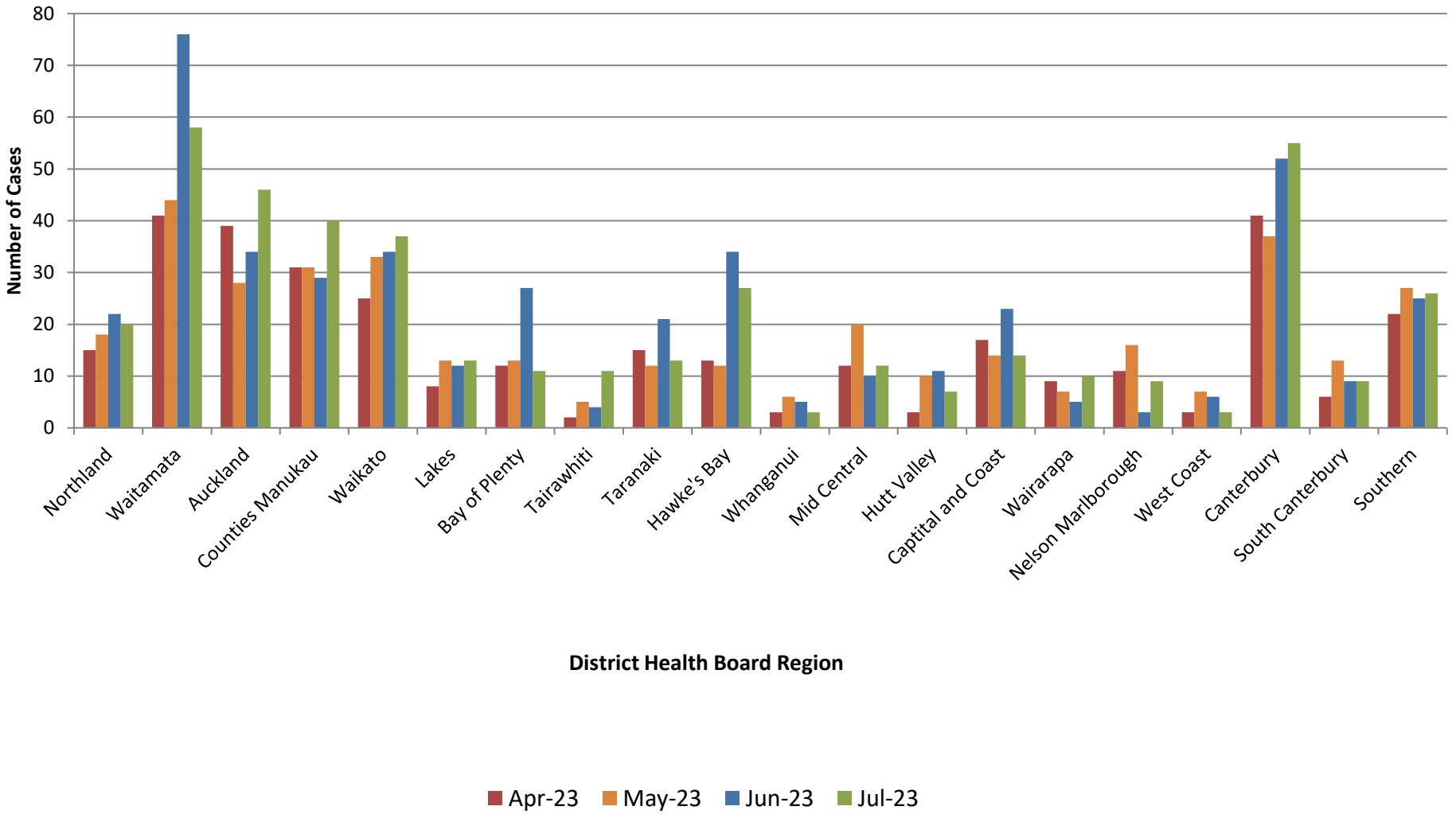
Month	Human Campylobacter Cases	Month	Human Campylobacter cases	Percentage Change
Jul-21	340	Jul-20	384	-11.46
Aug-21	376	Aug-20	462	-18.61
Sep-21	441	Sep-20	484	-8.88
Oct-21	469	Oct-20	554	-15.34
Nov-21	756	Nov-20	688	9.88
Dec-21	895	Dec-20	860	4.07
Jan-22	595	Jan-21	680	-12.50
Feb-22	429	Feb-21	429	0.00
Mar-22	331	Mar-21	407	-18.67
Apr-22	303	Apr-21	324	-6.48
May-22	290	May-21	279	3.94
Jun-22	248	Jun-21	333	-25.53
Jul-22	356	Jul-21	340	4.71
Aug-22	542	Aug-21	376	44.15
Sep-22	578	Sep-21	441	31.07
Oct-22	550	Oct-21	469	17.27
Nov-22	742	Nov-21	756	-1.85
Dec-22	915	Dec-21	895	2.23
Jan-23	760	Jan-22	595	27.73
Feb-23	483	Feb-22	429	12.59
Mar-23	479	Mar-22	331	44.71
Apr-23	328	Apr-22	303	8.25
May-23	366	May-22	290	26.21
Jun-23	442	Jun-22	248	78.23
Jul-23	424	Jul-22	356	19.10
Total (last 12 months)	6609	Total (last 12 months)	5489	20.40
Total (2022)	5879	Total (2021)	5729	2.62
Total (2021)	5729	Total (2020)	5291	8.28
Total (2020)	5291	Total (2019)	6203	-14.70
Total (2019)	6203	Total (2018)	6957	-10.84
Total (2018)	6957	Total (2017)	6482	7.33
Total (2017)	6482	Total (2016)	7456	-13.06

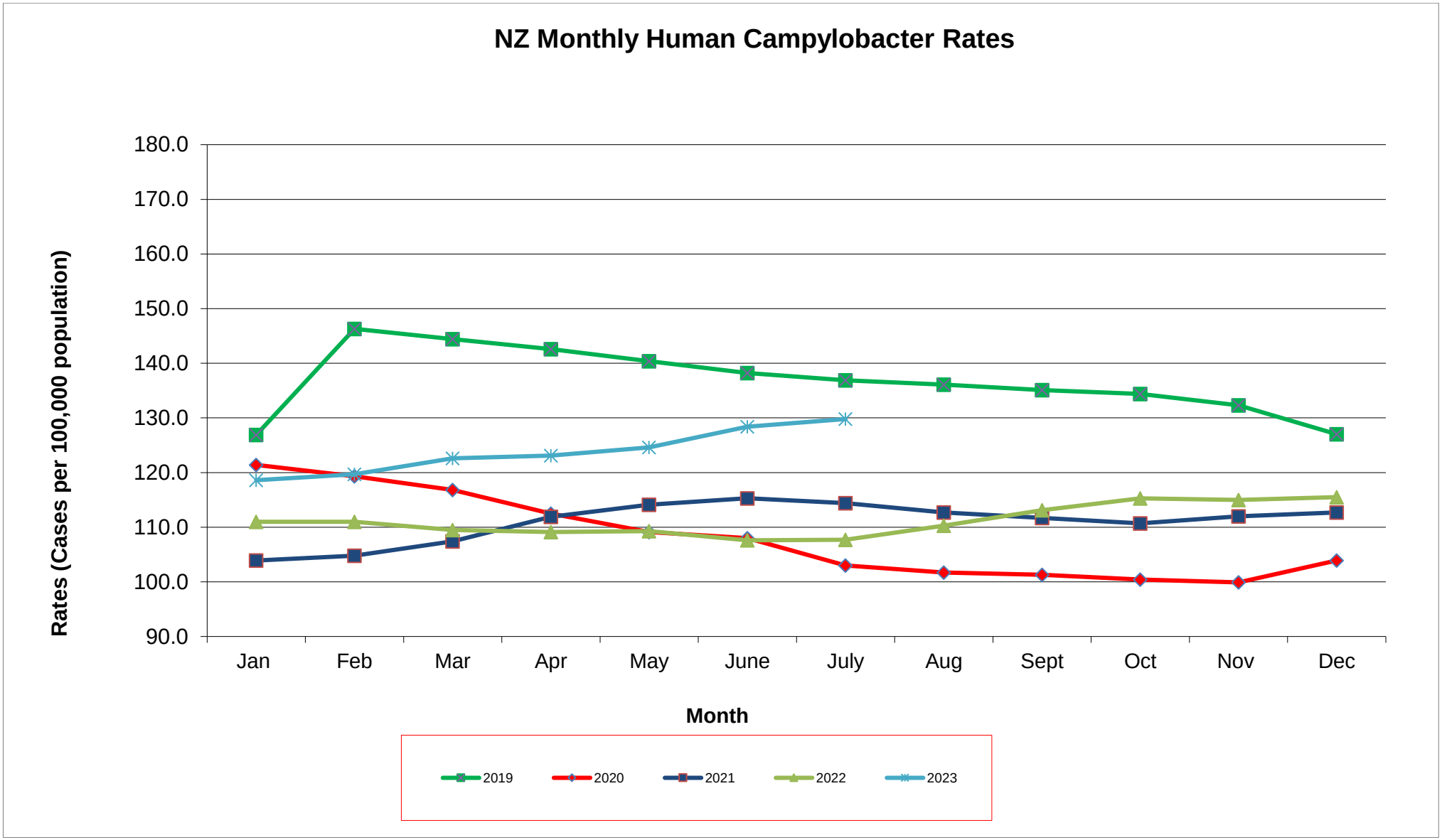

NZ Monthly Human Campylobacter Cases
Number of Cases
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
Jan
Feb
Mar
Apr
May
June
July
Aug
Sept
Oct
Nov
Dec
Month
2019
2020
2021
2022
2023

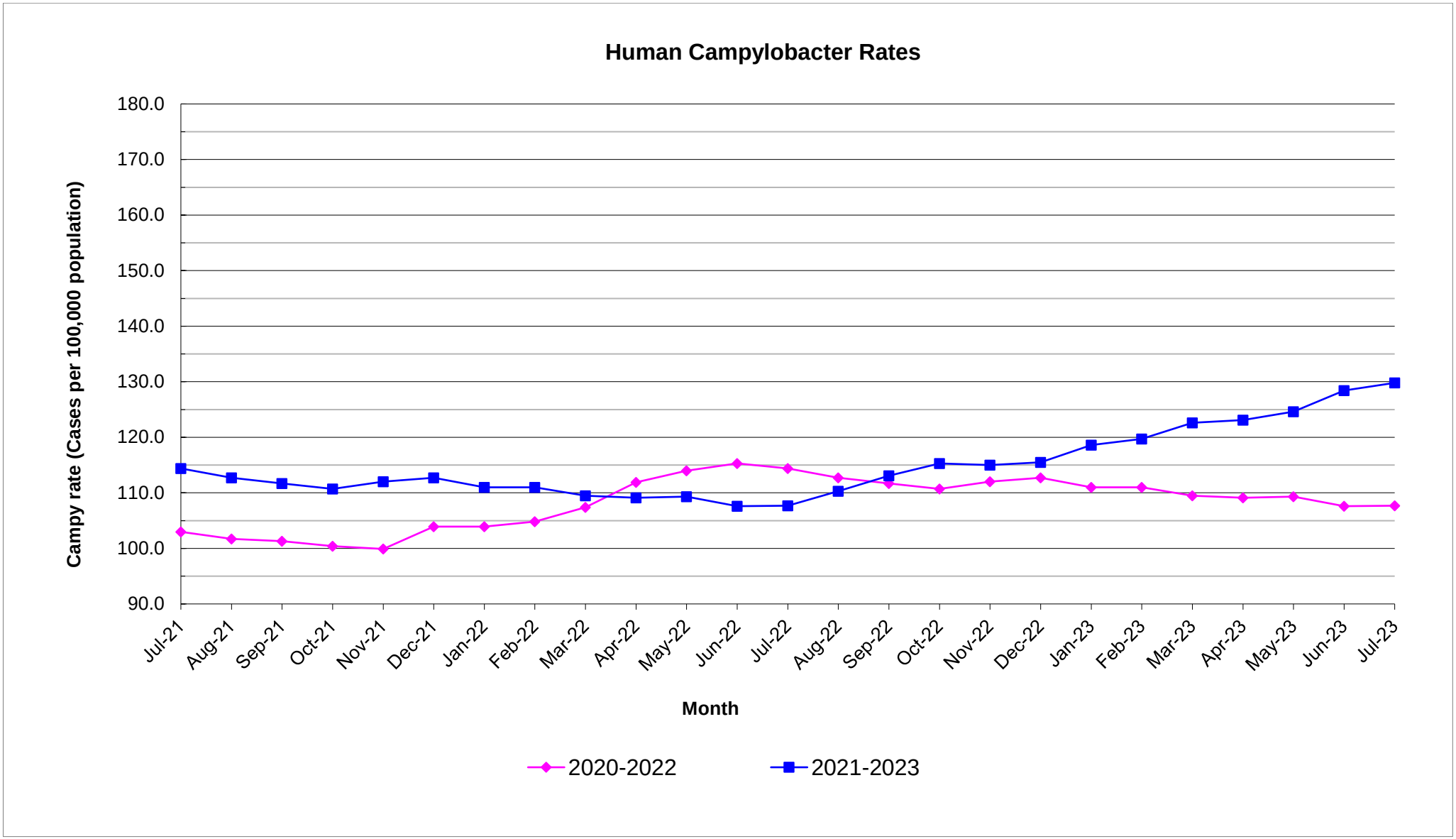

Human Campylobacter Cases
Number
1050
850
650
450
250
50
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Apr-22
May-22
Jun-22
Jul-22
Aug-22
Sep-22
Oct-22
Nov-22
Dec-22
Jan-23
Feb-23
Mar-23
Apr-23
May-23
Jun-23
Jul-23
Month
2020 - 2022
2021 - 2023

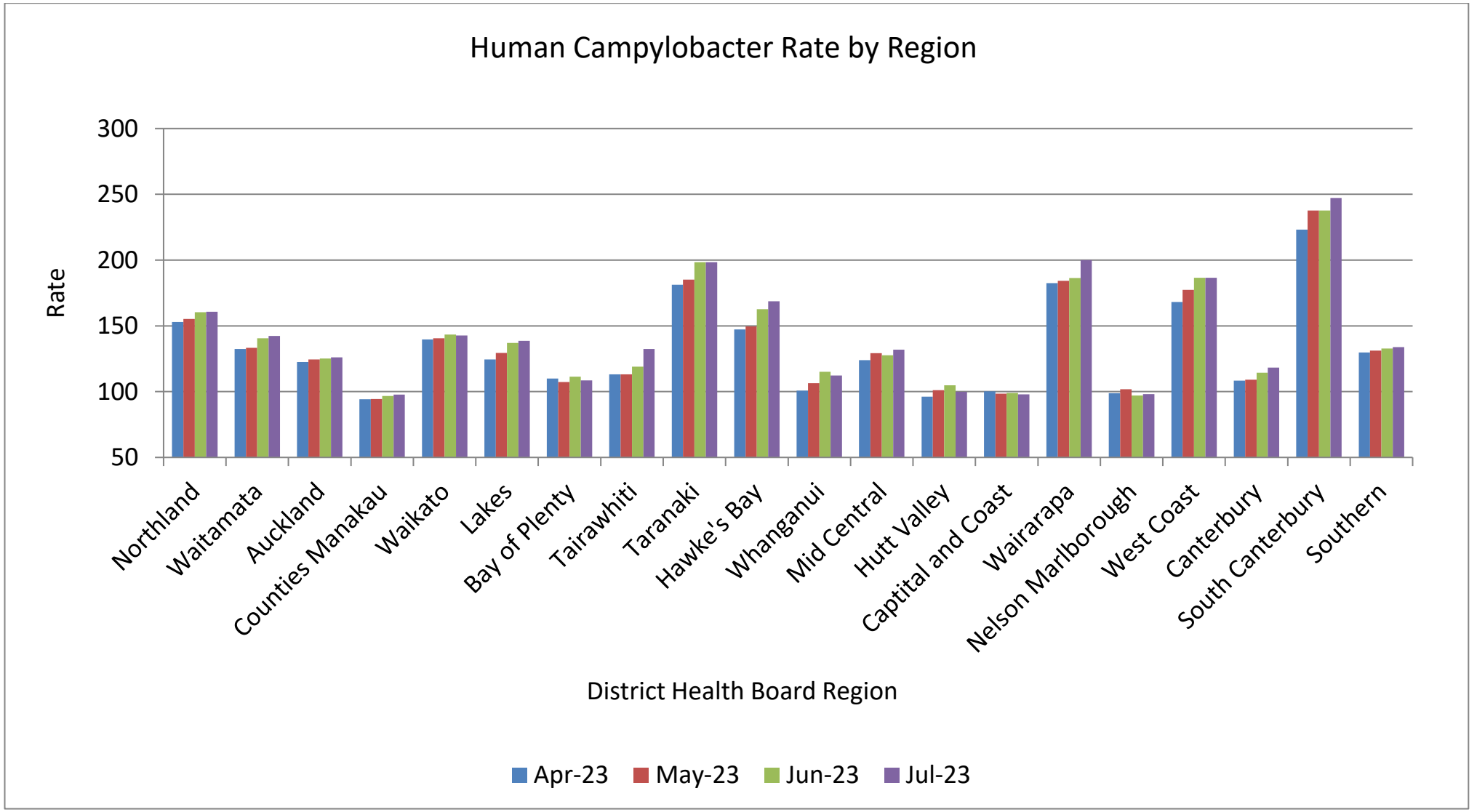
Human Campylobacter Cases by Region



Month	Human Campylobacter Rates	Month	Human Campylobacter Rates	Percentage Change
Jul-21	114.4	Jul-20	103.0	11.1
Aug-21	112.7	Aug-20	101.7	10.8
Sep-21	111.7	Sep-20	101.3	10.3
Oct-21	110.7	Oct-20	100.4	10.3
Nov-21	112.0	Nov-20	99.9	12.1
Dec-21	112.7	Dec-20	103.9	8.5
Jan-22	111.0	Jan-21	103.9	6.8
Feb-22	111.0	Feb-21	104.8	5.9
Mar-22	109.5	Mar-21	107.4	2.0
Apr-22	109.1	Apr-21	111.9	-2.5
May-22	109.3	May-21	114.0	-4.1
Jun-22	107.6	Jun-21	115.3	-6.7
Jul-22	107.7	Jul-21	114.4	-5.9
Aug-22	110.3	Aug-21	112.7	-2.1
Sep-22	113.1	Sep-21	111.7	1.3
Oct-22	115.3	Oct-21	110.7	4.2
Nov-22	115.0	Nov-21	112.0	2.7
Dec-22	115.5	Dec-21	112.7	2.5
Jan-23	118.6	Jan-22	111.0	6.8
Feb-23	119.7	Feb-22	111.0	7.8
Mar-23	122.6	Mar-22	109.5	12.0
Apr-23	123.1	Apr-22	109.1	12.8
May-23	124.6	May-22	109.3	14.0
Jun-23	128.4	Jun-22	107.6	19.3
Jul-23	129.8	Jul-22	107.7	20.5
Average (last 12 months)	119.7	Average (last 12 months)	110.4	8.4
Average (2022)	111.2	Average (2021)	111.0	0.2
Average (2021)	111.0	Average (2020)	108.1	2.6
Average (2020)	108.1	Average (2019)	136.7	-20.9
Average (2019)	136.7	Average (2018)	138.1	-1.0
Average (2018)	138.1	Average (2017)	152.5	-9.4
Average (2017)	152.5	Average (2016)	142.5	7.0


NZ Monthly Human Campylobacter Rates
Rates (Cases per 100,000 population)
180.0
170.0
160.0
150.0
140.0
130.0
120.0
110.0
100.0
90.0
Jan
Feb
Mar
Apr
May
June
July
Aug
Sept
Oct
Nov
Dec
Month
2019
2020
2021
2022
2023


Human Campylobacter Rates
Campy rate (Cases per 100,000 population)
180.0
170.0
160.0
150.0
140.0
130.0
120.0
110.0
100.0
90.0
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Apr-22
May-22
Jun-22
Jul-22
Aug-22
Sep-22
Oct-22
Nov-22
Dec-22
Jan-23
Feb-23
Mar-23
Apr-23
May-23
Jun-23
Jul-23
Month
2020-2022
2021-2023


Human Campylobacter Rate by Region
Rate
300
250
200
150
100
50
Northland
Waitamata
Auckland
Counties Manakau
Waikato
Lakes
Bay of Plenty
Tairawhiti
Taranaki
Hawke's Bay
Whanganui
Mid Central
Hutt Valley
Captital and Coast
Wairarapa
Nelson Marlborough
West Coast
Canterbury
South Canterbury
Southern
District Health Board Region
Apr-23
May-23
Jun-23
Jul-23