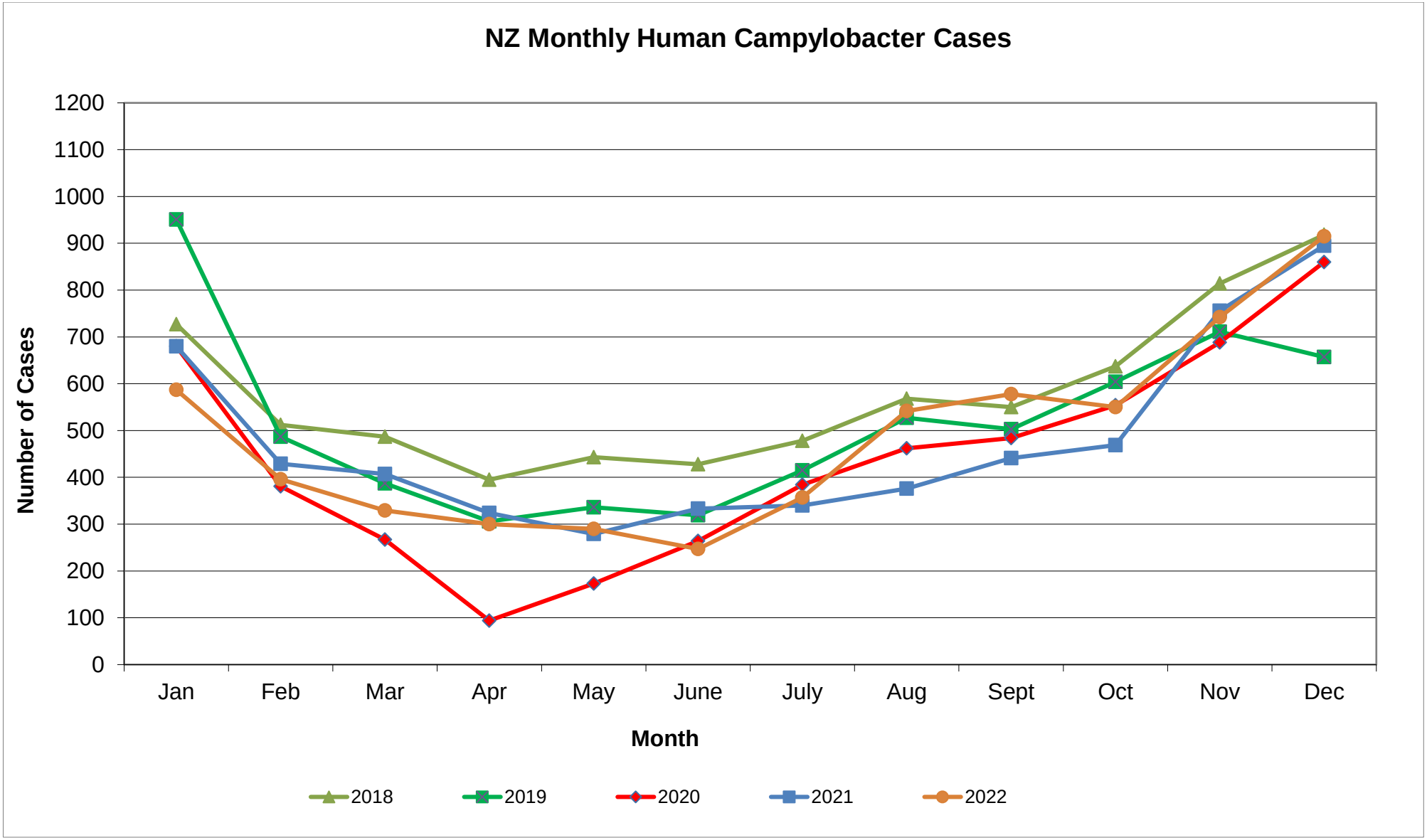
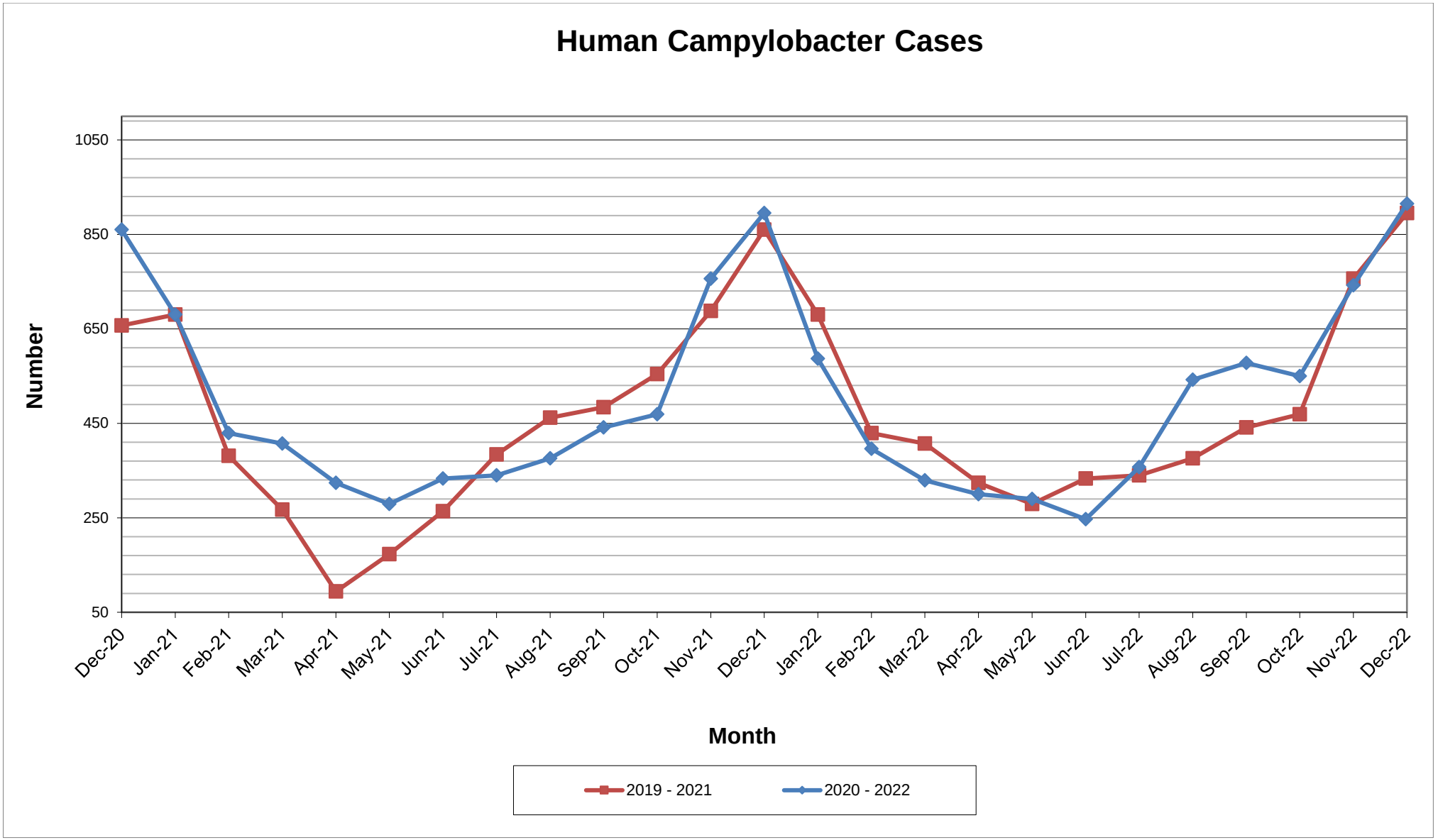
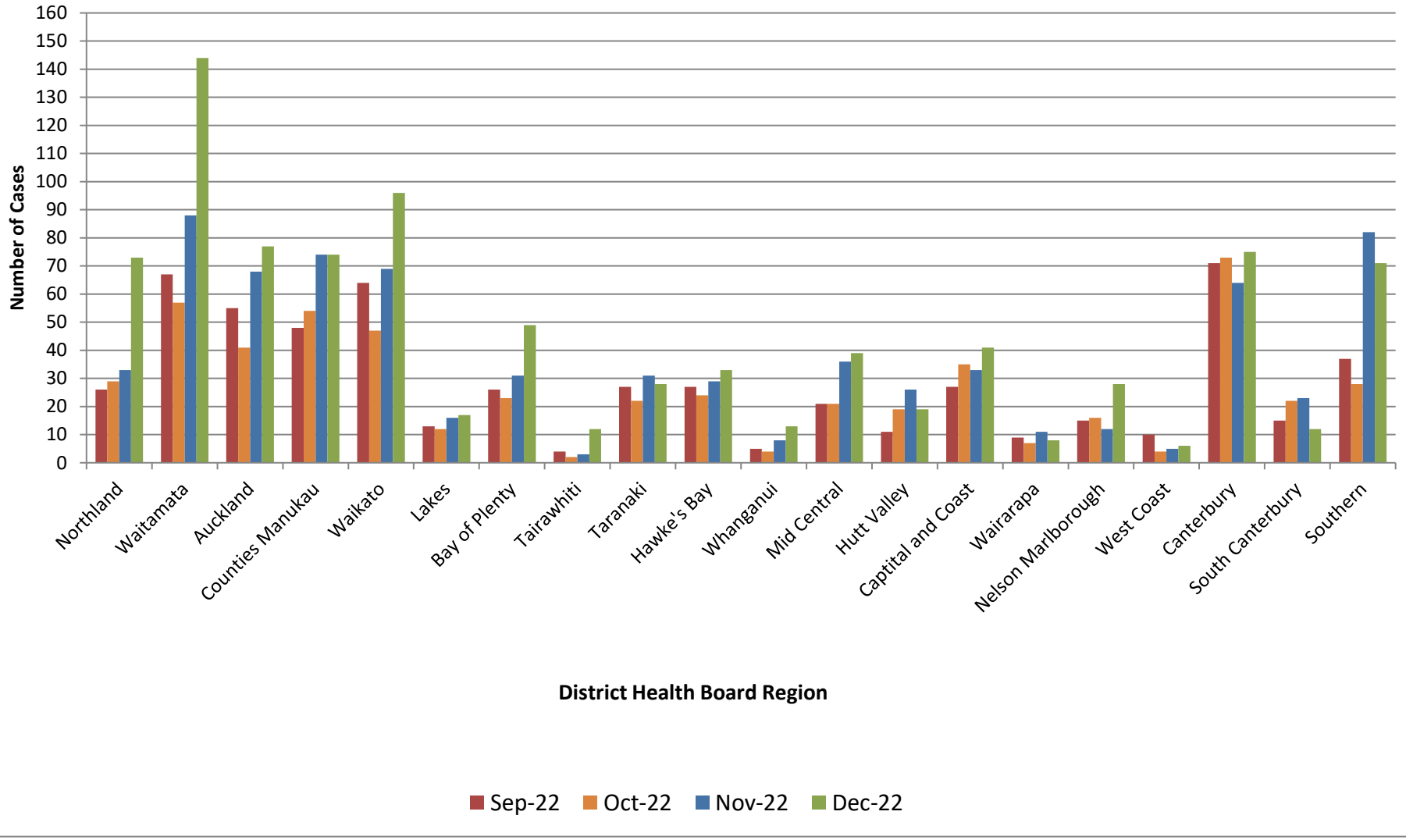
Month	Human Campylobacter Cases	Month	Human Campylobacter cases	Percentage Change
Dec-20	860	Dec-19	657	30.90
Jan-21	680	Jan-20	680	0.00
Feb-21	429	Feb-20	381	12.60
Mar-21	407	Mar-20	267	52.43
Apr-21	324	Apr-20	94	244.68
May-21	279	May-20	173	61.27
Jun-21	333	Jun-20	264	26.14
Jul-21	340	Jul-20	384	-11.46
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	587	Jan-21	680	-13.68
Feb-22	396	Feb-21	429	-7.69
Mar-22	329	Mar-21	407	-19.16
Apr-22	300	Apr-21	324	-7.41
May-22	290	May-21	279	3.94
Jun-22	247	Jun-21	333	-25.83
Jul-22	357	Jul-21	340	5.00
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
Total (last 12 months)	5833	Total (last 12 months)	5729	1.82
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
Total (2016)	7456	Total (2015)	6218	19.91

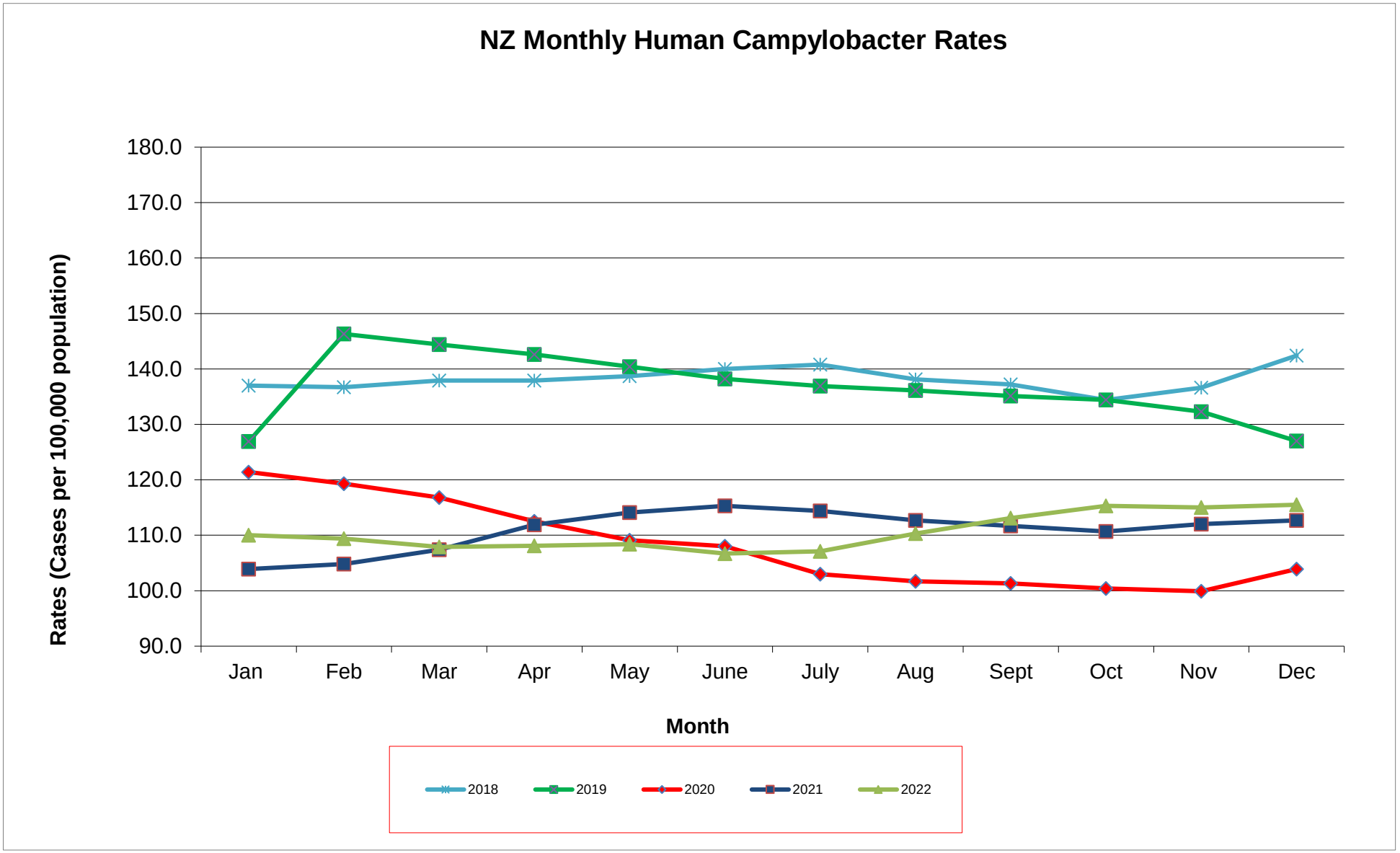

NZ Monthly Human Campylobacter Cases
Number of Cases
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
Jan
Feb
Mar
Apr
May
June
July
Aug
Sept
Oct
Nov
Dec
Month
2018
2019
2020
2021
2022

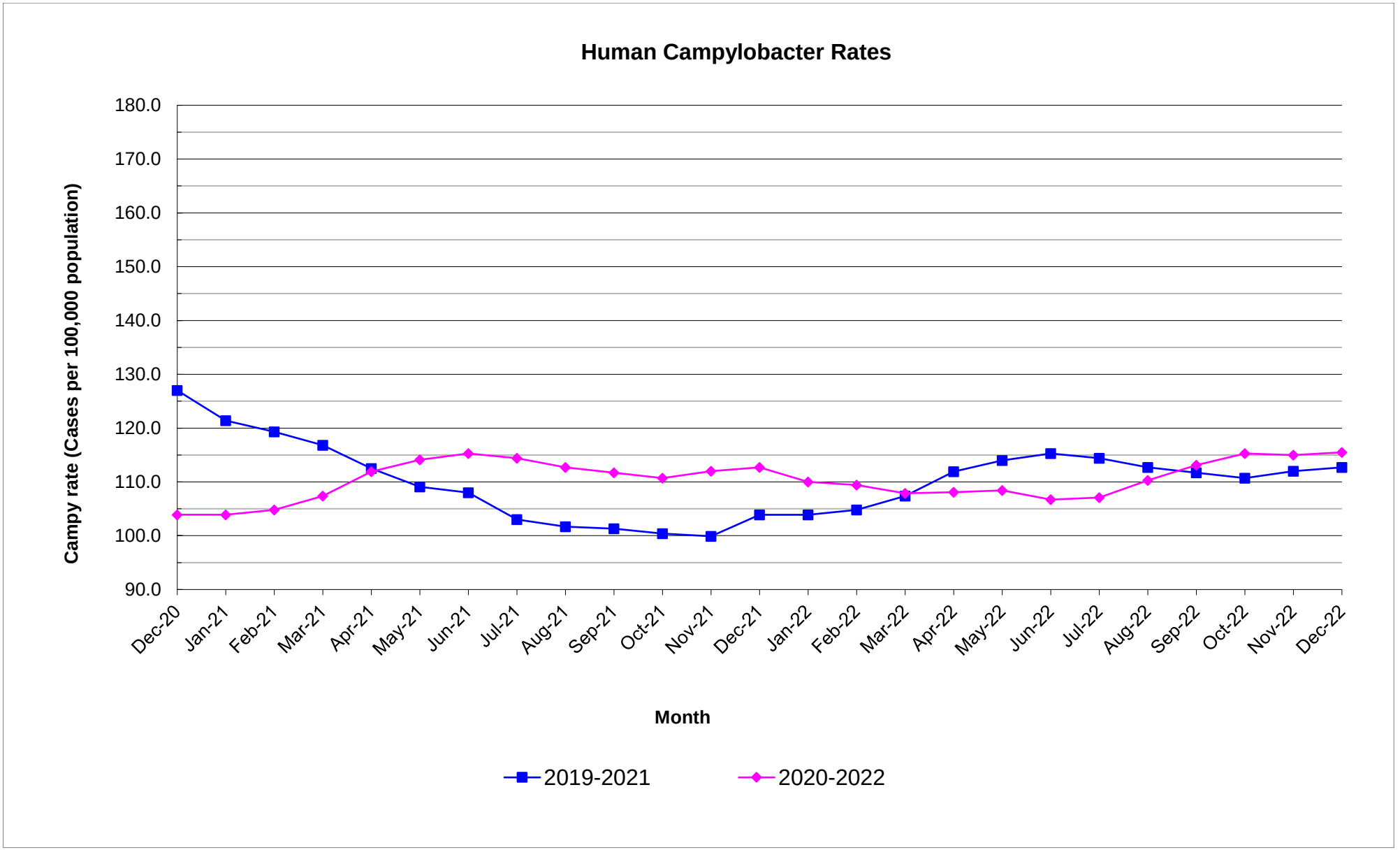

Human Campylobacter Cases
Number
1050
850
650
450
250
50
Dec-20
Jan-21
Feb-21
Mar-21
Apr-21
May-21
Jun-21
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Apr-22
May-22
Jun-22
Jul-22
Aug-22
Sep-22
Oct-22
Nov-22
Dec-22
Month
2019 - 2021
2020 - 2022

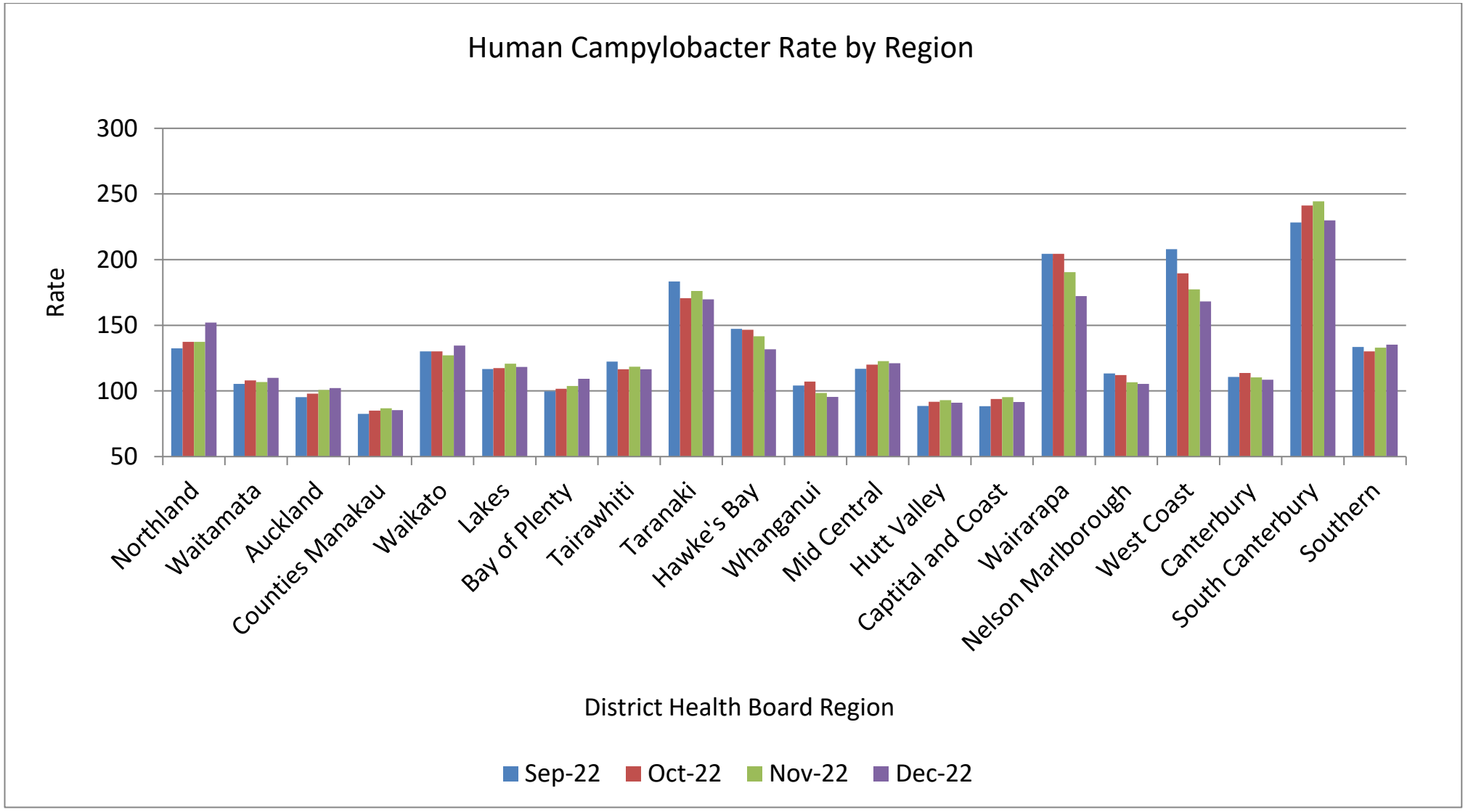
Human Campylobacter Cases by Region



Month	Human Campylobacter Rates	Month	Human Campylobacter Rates	Percentage Change
Dec-20	103.9	Dec-19	127.0	-18.2
Jan-21	103.9	Jan-20	121.4	-14.4
Feb-21	104.8	Feb-20	119.3	-12.2
Mar-21	107.4	Mar-20	116.8	-8.0
Apr-21	111.9	Apr-20	112.5	-0.5
May-21	114.1	May-20	109.1	4.6
Jun-21	115.3	Jun-20	108.0	6.8
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	110.0	Jan-21	103.9	5.9
Feb-22	109.4	Feb-21	104.8	4.4
Mar-22	107.9	Mar-21	107.4	0.5
Apr-22	108.1	Apr-21	111.9	-3.4
May-22	108.4	May-21	114.0	-4.9
Jun-22	106.7	Jun-21	115.3	-7.5
Jul-22	107.1	Jul-21	114.4	-6.4
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
Average (last 12 months)	110.6	Average (last 12 months)	111.0	-0.4
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
Average (2016)	142.5	Average (2015)	141.6	0.7


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
2018
2019
2020
2021
2022


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
Dec-20
Jan-21
Feb-21
Mar-21
Apr-21
May-21
Jun-21
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
Month
2019-2021
2020-2022


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
Sep-22
Oct-22
Nov-22
Dec-22