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# Recent trends in the number of pathology samples indicating cancer in Northern Ireland

July 2022 update

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## Further information

Further information is available at: [www.qub.ac.uk/research-centres/nicr](http://www.qub.ac.uk/research-centres/nicr)

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## Acknowledgements

The Northern Ireland Cancer Registry (NICR) is funded by the Public Health Agency and is based in Queen's University, Belfast.

NICR uses data provided by patients and collected by the health service as part of their care and support.



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## SUMMARY

### Recent trends in the number of pathology samples indicating cancer: July 2022

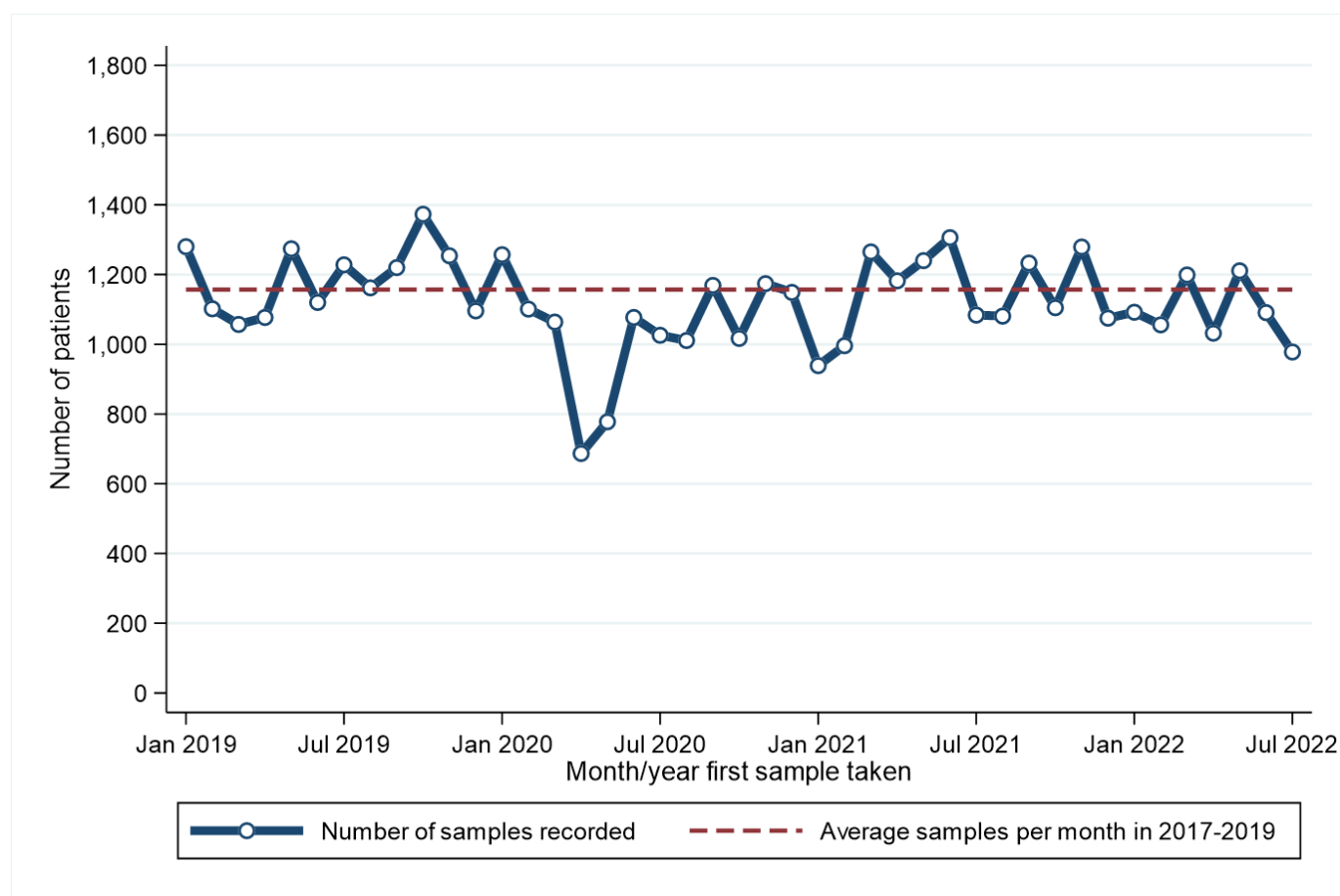
This summary provides an overview of recent trends in the number of pathology samples indicating cancer (excluding non-melanoma skin cancer, NMSC) taken from January 2020 to July 2022 in Northern Ireland.

These trends are contrasted with the annual average number of pathology samples indicating cancer (ex NMSC) during 2017-2019 in order to provide an indication of the potential impact of the Covid-19 restrictions on diagnostic cancer services.

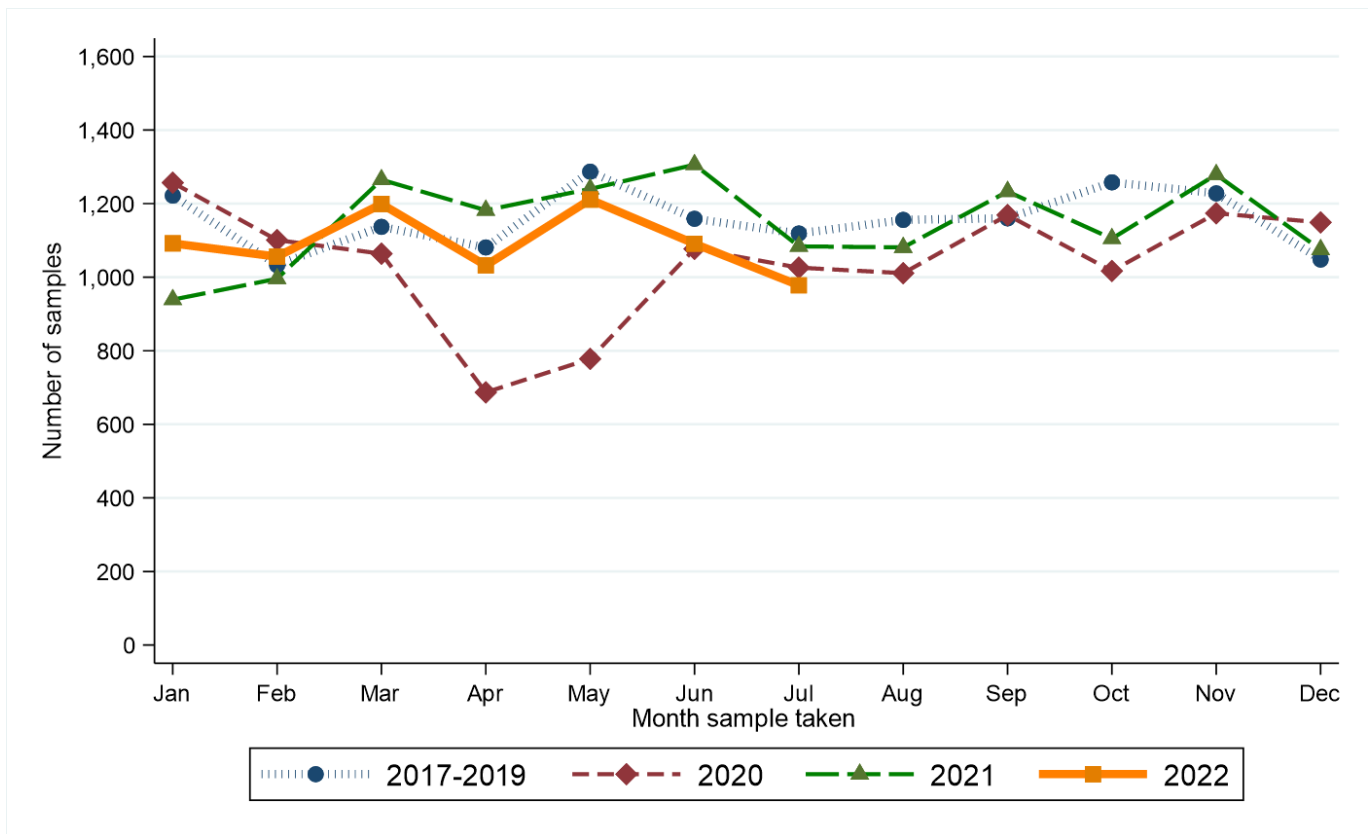
Data are sourced from the four NHS pathology laboratories in NI (Belfast, Altnagelvin, Antrim, Craigavon), which are usually provided to NICR on a monthly basis. **Altnagelvin laboratory is excluded from some analysis as a change in recording systems led to an undercount in the number of reported samples in Jan-Apr 2021.**

#### CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 (Excludes Altnagelvin)

From March 2020 to July 2022 the number of pathological samples indicating cancer (ex NMSC) was 5.8% lower than the average number for the same time period in 2017-2019.



From March 2020 to July 2022 there was a 6.1% decrease in the number of samples among males and a 5.7% decrease among females compared to the same time period in 2017-2019. A decrease of 6.8% occurred in the number of samples among those aged 0-69 years, while there was a decrease of 4.5% in the number of samples among those aged 70 and older.

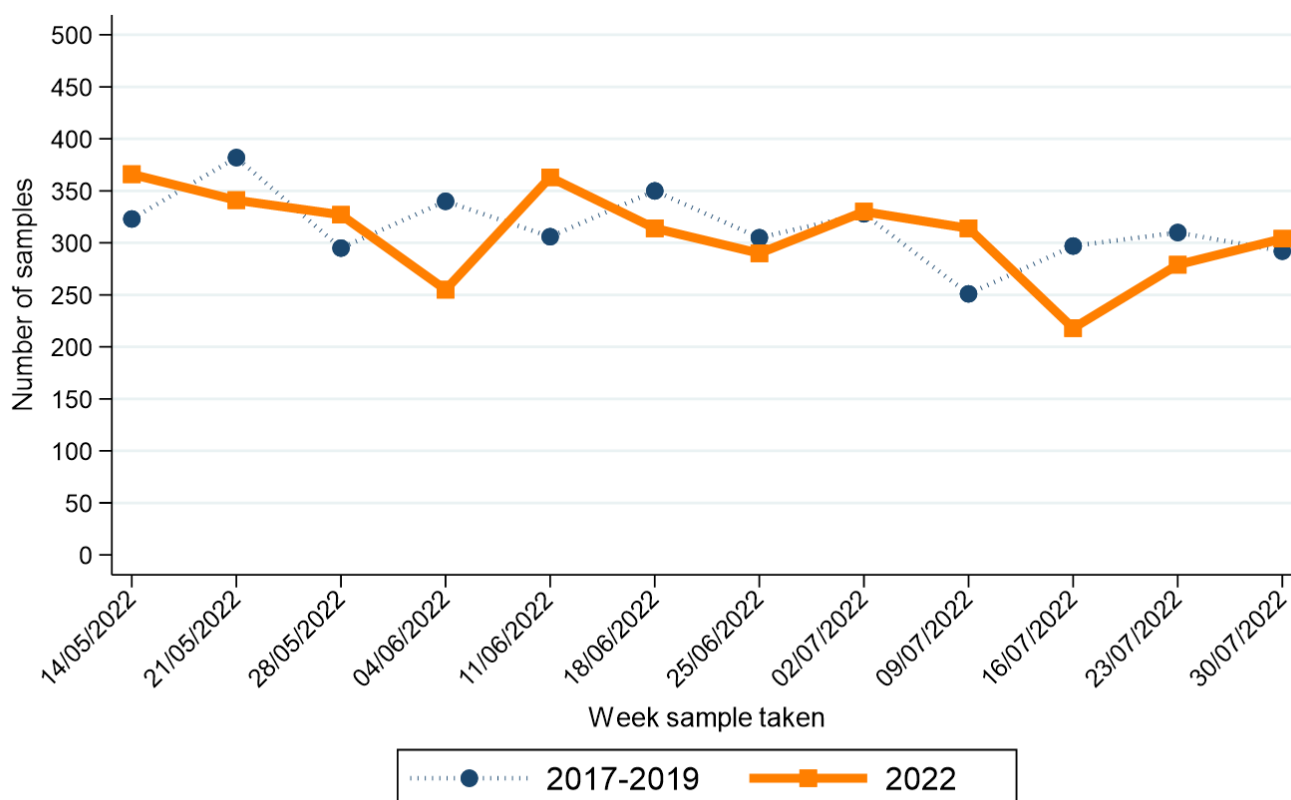


Compared to the annual average in 2017-2019, from March 2020 to July 2022 the number of pathology samples indicating lung cancer decreased by 25.2%. No cancer types had an increase in the number of samples between the two periods, while decreases of more than 10% were recorded for gynaecological cancer, head and neck cancer and non-melanoma skin cancer.

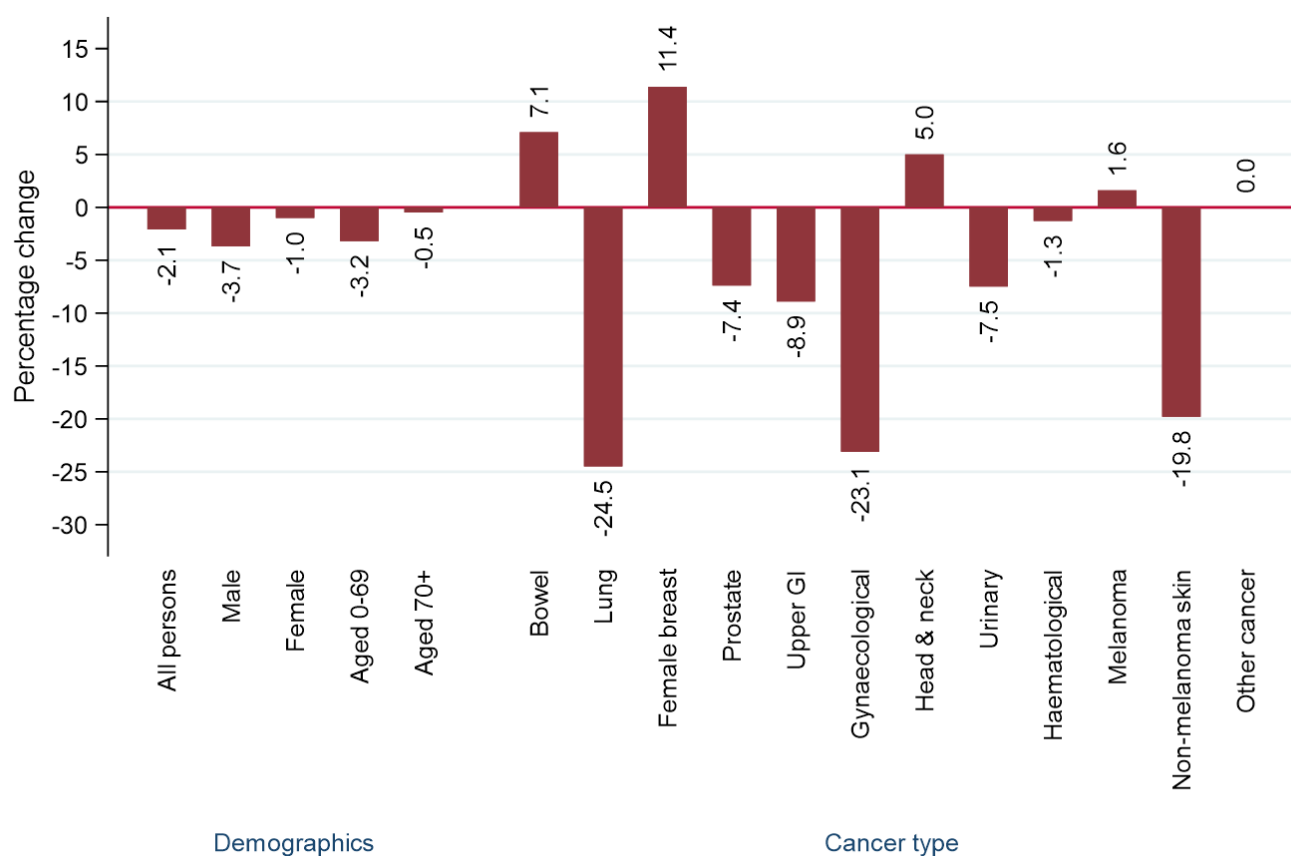


### RECENT CHANGES IN THE NUMBER OF SAMPLES (Includes Altnagelvin)

There was a 2.1% decrease in the number of pathology samples indicating cancer in the twelve weeks up to 30/07/2022 compared to the average value in the equivalent weeks in 2017-2019.



Note: Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years



In the twelve weeks up to 30/07/2022 there was a 3.7% decrease in the number of samples among males and a 1.0% decrease among females compared to the same time period in 2017-2019. A decrease of 3.2% occurred in the number of samples among those aged 0-69 years, while there was a decrease of 0.5% in the number of samples among those aged 70 and older.

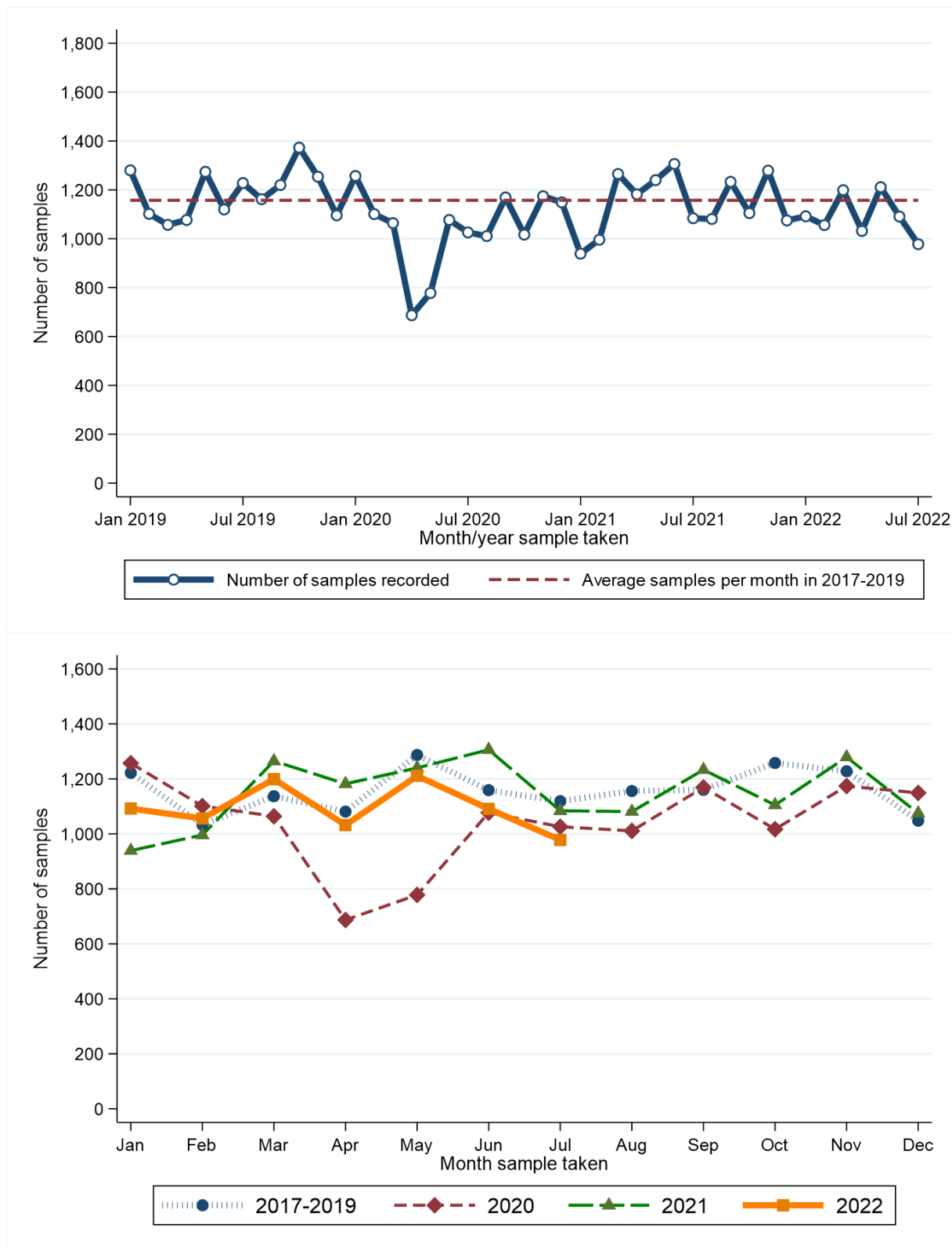
Compared to the annual average in 2017-2019, in the twelve weeks up to 30/07/2022 the number of pathology samples indicating lung cancer decreased by 24.5%. Increases were recorded for bowel cancer, female breast cancer, head and neck cancer and melanoma, while decreases of more than 10% were recorded for gynaecological cancer and non-melanoma skin cancer.

# ALL PERSONS: CANCER (EX NMSC)

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-5.8%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	1,222	1,257	939	1,092
Feb	1,033	1,101	996	1,056
Mar	1,137	1,064	1,265	1,199
Apr	1,081	687	1,182	1,032
May	1,287	778	1,240	1,211
Jun	1,159	1,077	1,306	1,091

\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	1,119	1,026	1,084	978
Aug	1,156	1,011	1,081	.
Sep	1,160	1,169	1,233	.
Oct	1,258	1,017	1,105	.
Nov	1,228	1,174	1,279	.
Dec	1,048	1,149	1,075	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-2.1%**



Week sample taken**	2017-2019*	2022
14/05/2022	323	366
21/05/2022	382	341
28/05/2022	295	327
04/06/2022	340	255
11/06/2022	306	363
18/06/2022	350	314

Week sample taken**	2017-2019*	2022
25/06/2022	305	290
02/07/2022	328	330
09/07/2022	251	314
16/07/2022	297	218
23/07/2022	310	279
30/07/2022	292	304

\* Average samples per year rounded to the nearest integer.

\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

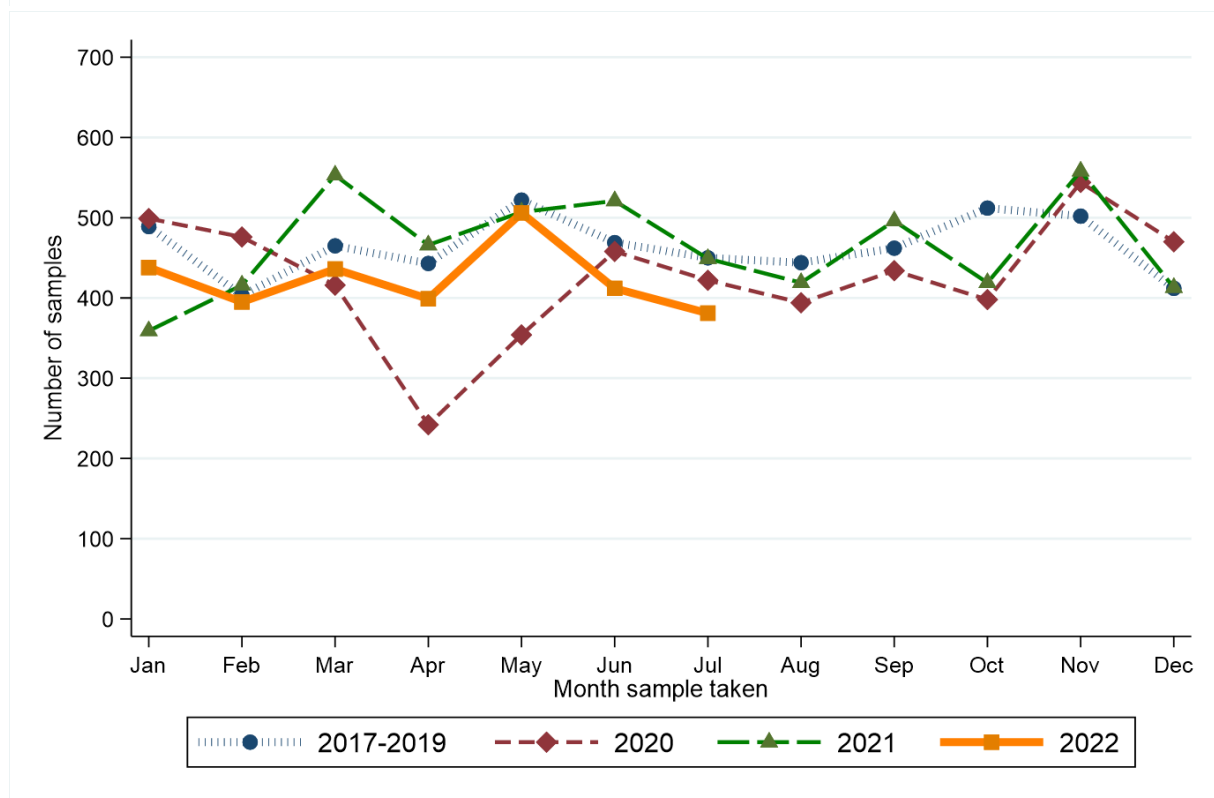
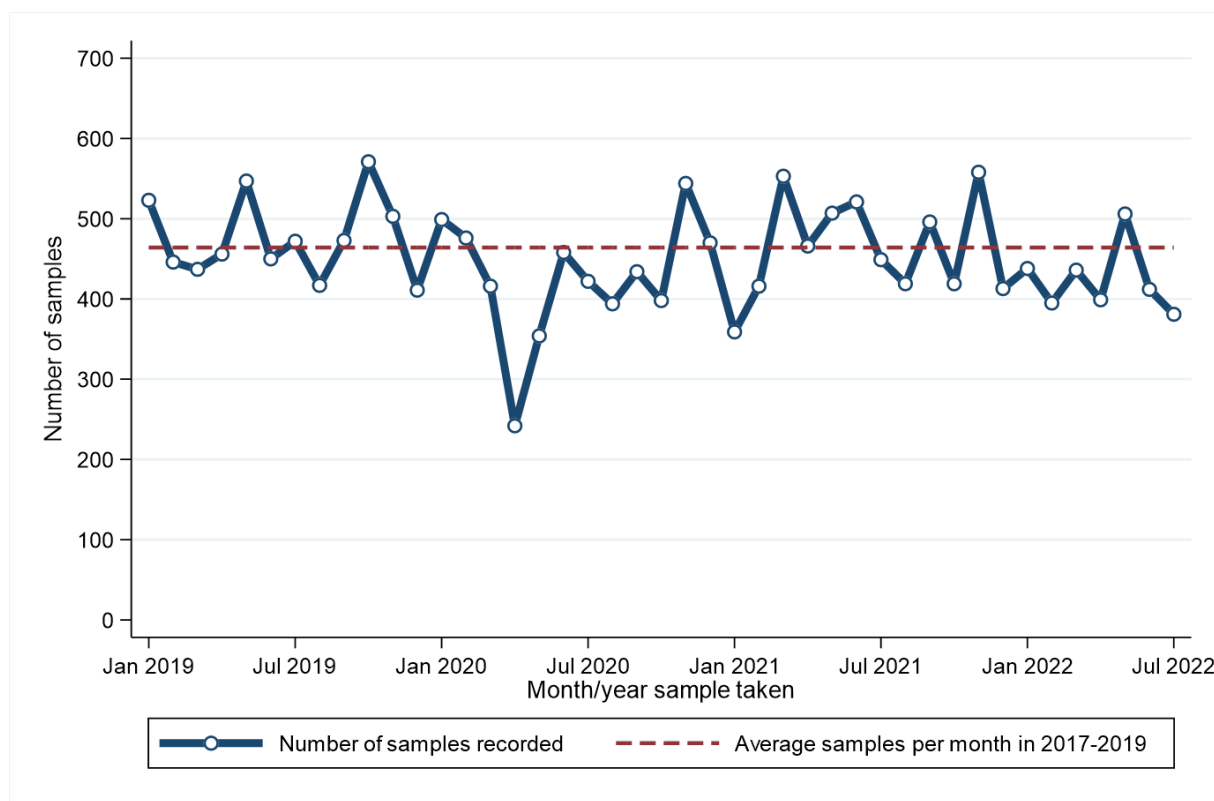


# MALE: CANCER (EX NMSC)

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-6.1%**



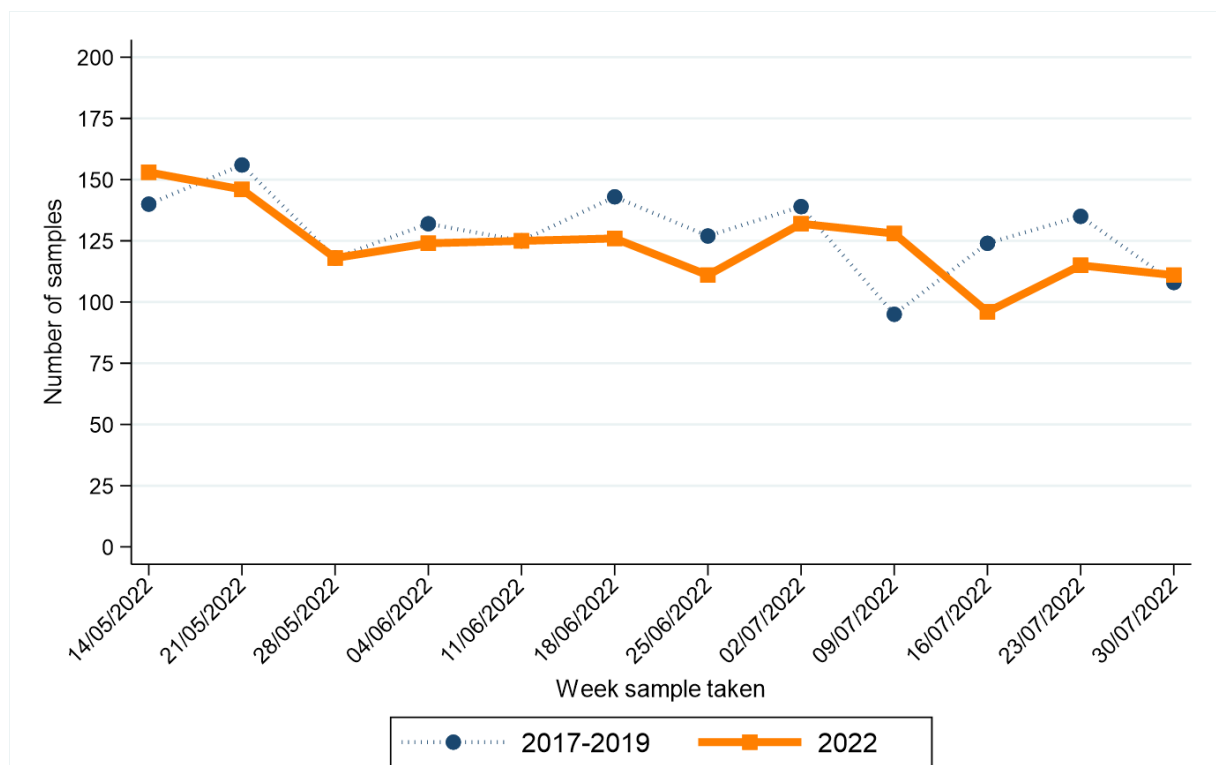
Month sample taken**	2017-2019*	2020	2021	2022	Month sample taken**	2017-2019*	2020	2021	2022
Jan	489	499	359	438	Jul	450	422	449	381
Feb	403	476	416	395	Aug	444	394	419	.
Mar	465	416	553	436	Sep	462	434	496	.
Apr	443	242	466	399	Oct	512	398	419	.
May	522	354	507	506	Nov	502	544	558	.
Jun	469	458	521	412	Dec	412	470	413	.

\* Average samples per year rounded to the nearest integer.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-3.7%**



Week sample taken**	2017-2019*	2022	Week sample taken**	2017-2019*	2022
14/05/2022	140	153	25/06/2022	127	111
21/05/2022	156	146	02/07/2022	139	132
28/05/2022	118	118	09/07/2022	95	128
04/06/2022	132	124	16/07/2022	124	96
11/06/2022	125	125	23/07/2022	135	115
18/06/2022	143	126	30/07/2022	108	111

\* Average samples per year rounded to the nearest integer.

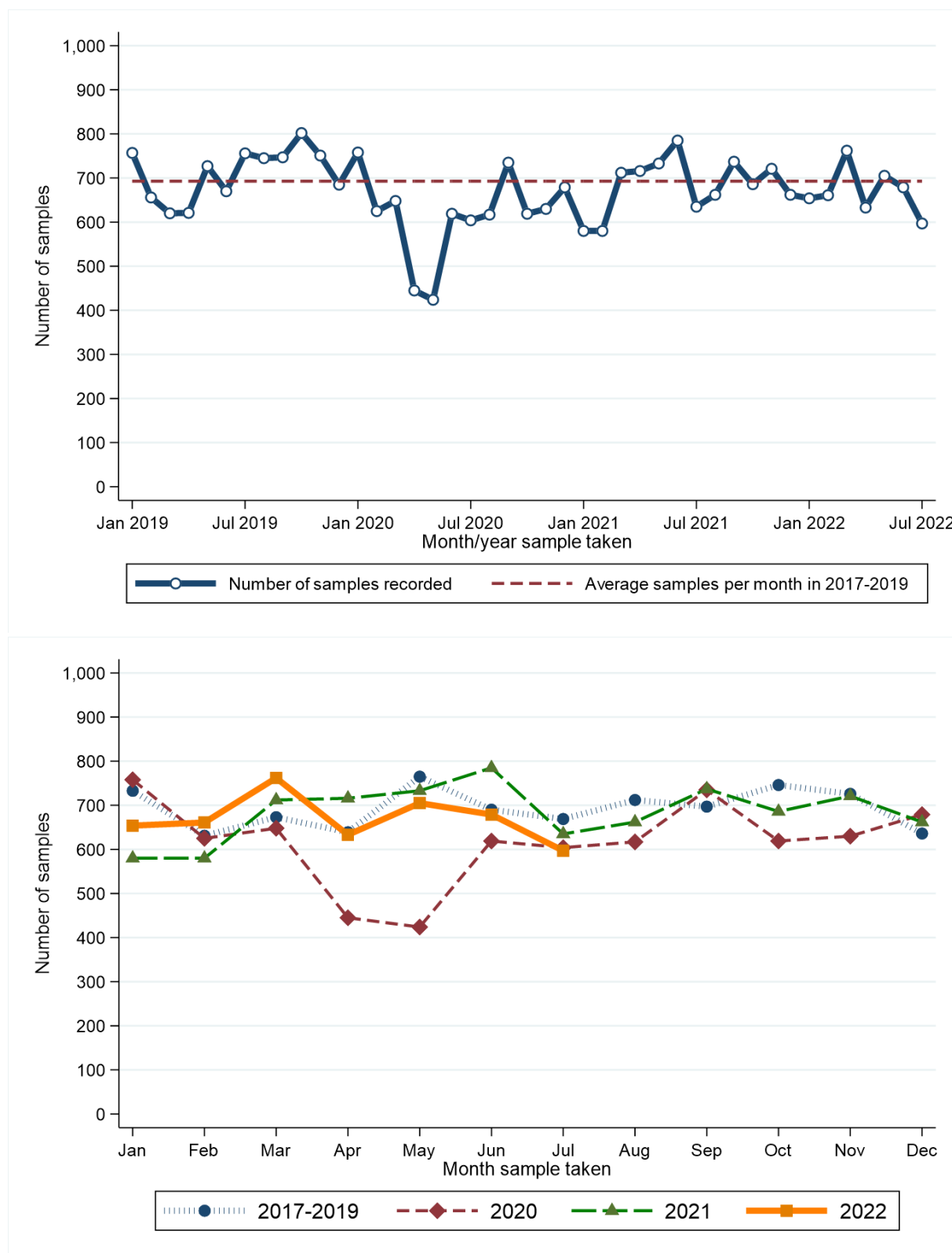
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# FEMALE: CANCER (EX NMSC)

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-5.7%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	733	758	580	654
Feb	631	625	580	661
Mar	673	648	712	762
Apr	639	445	716	633
May	765	424	733	705
Jun	690	619	785	679

\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	669	604	635	597
Aug	712	617	662	.
Sep	697	735	737	.
Oct	746	619	686	.
Nov	726	630	721	.
Dec	636	679	662	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-1.0%**



Week sample taken**	2017-2019*	2022
14/05/2022	183	213
21/05/2022	226	195
28/05/2022	178	209
04/06/2022	208	131
11/06/2022	182	238
18/06/2022	207	188

Week sample taken**	2017-2019*	2022
25/06/2022	178	179
02/07/2022	189	198
09/07/2022	156	186
16/07/2022	173	122
23/07/2022	175	164
30/07/2022	183	193

\* Average samples per year rounded to the nearest integer.

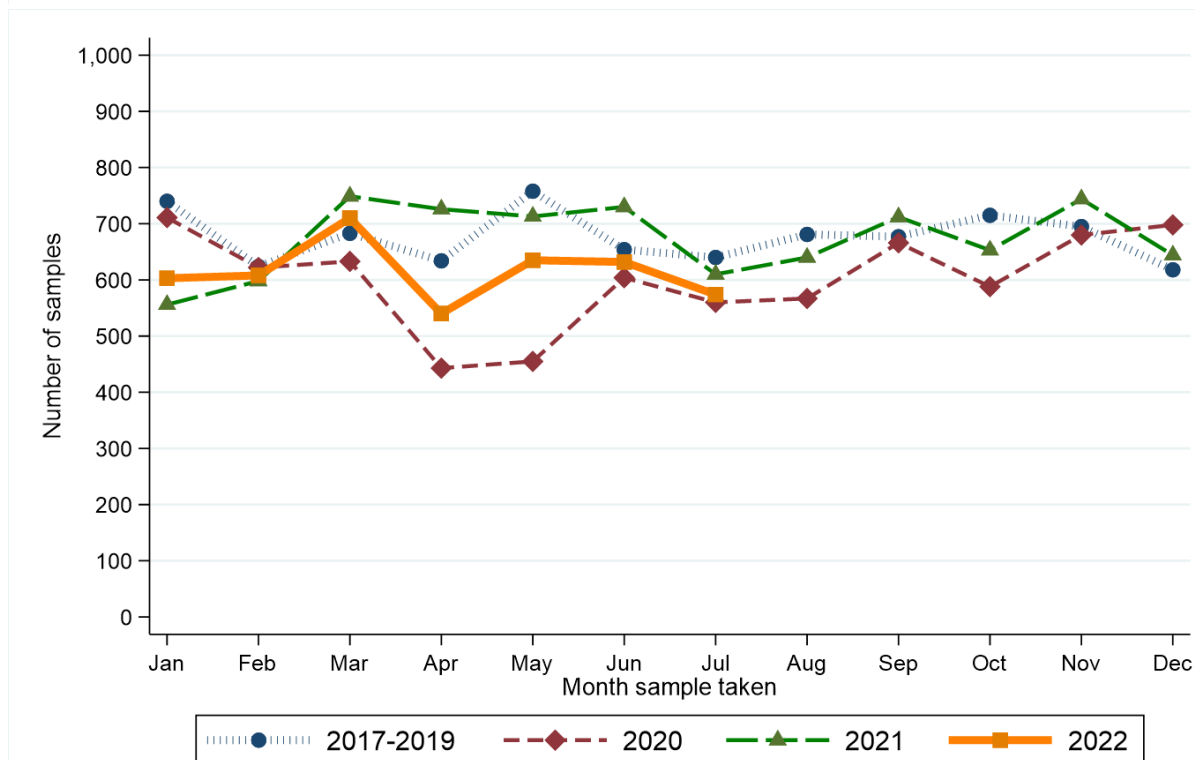
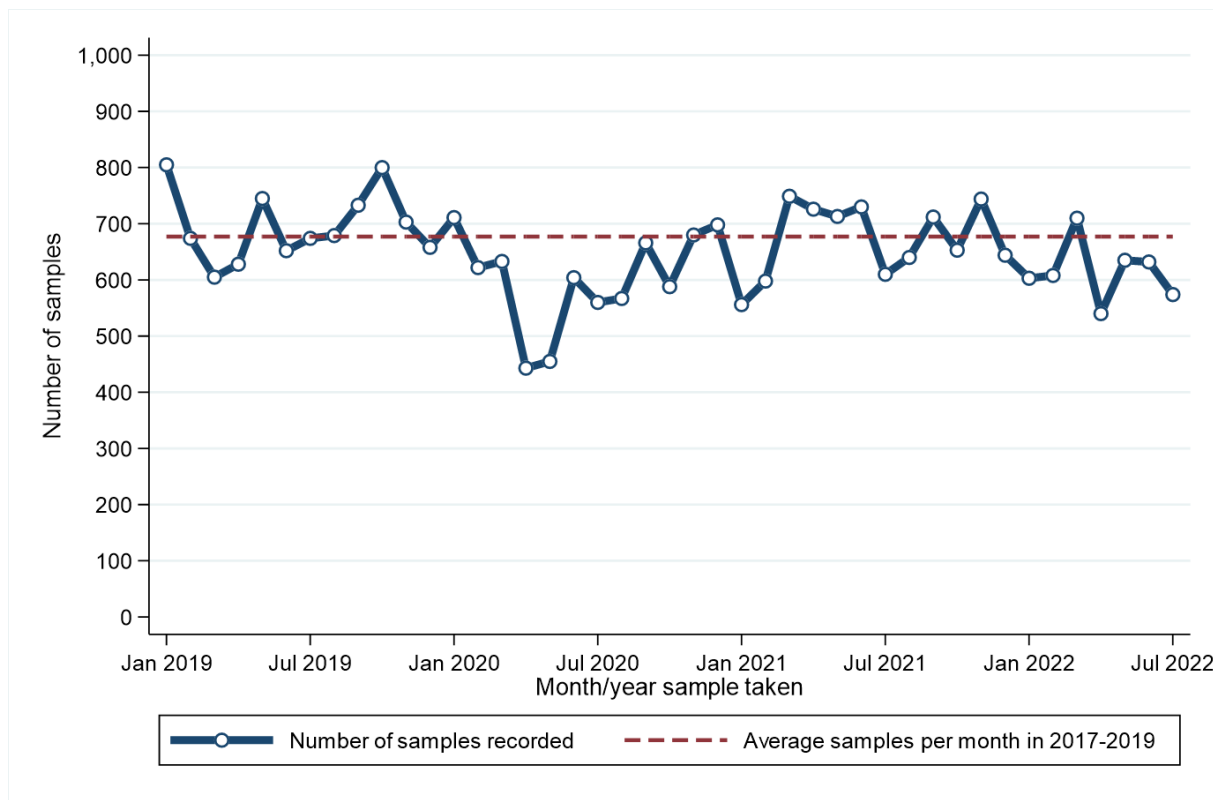
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# AGED 0-69: CANCER (EX NMSC)

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-6.8%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	740	711	556	603
Feb	624	622	598	608
Mar	683	633	749	710
Apr	634	443	726	540
May	758	455	713	635
Jun	654	604	730	632

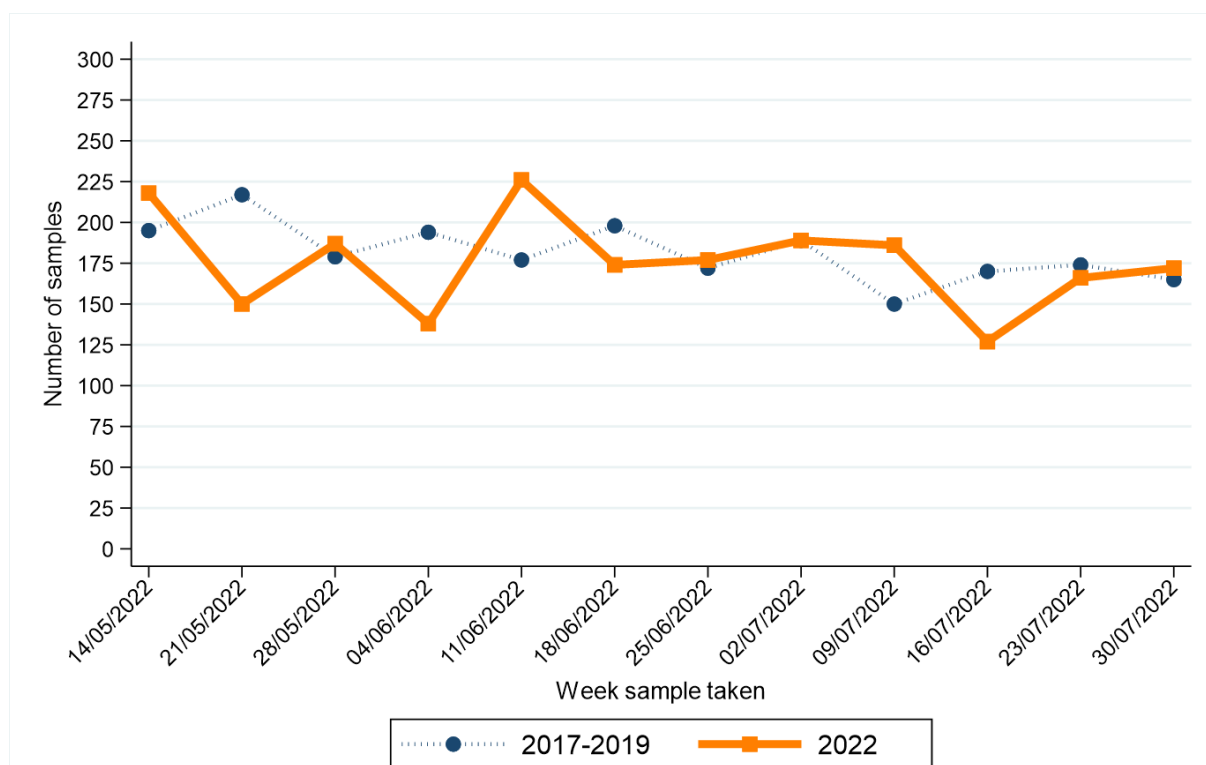
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	640	560	610	574
Aug	681	567	640	.
Sep	677	666	712	.
Oct	715	588	653	.
Nov	695	680	744	.
Dec	618	698	644	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-3.2%**



Week sample taken**	2017-2019*	2022
14/05/2022	195	218
21/05/2022	217	150
28/05/2022	179	187
04/06/2022	194	138
11/06/2022	177	226
18/06/2022	198	174

Week sample taken**	2017-2019*	2022
25/06/2022	172	177
02/07/2022	189	189
09/07/2022	150	186
16/07/2022	170	127
23/07/2022	174	166
30/07/2022	165	172

\* Average samples per year rounded to the nearest integer.

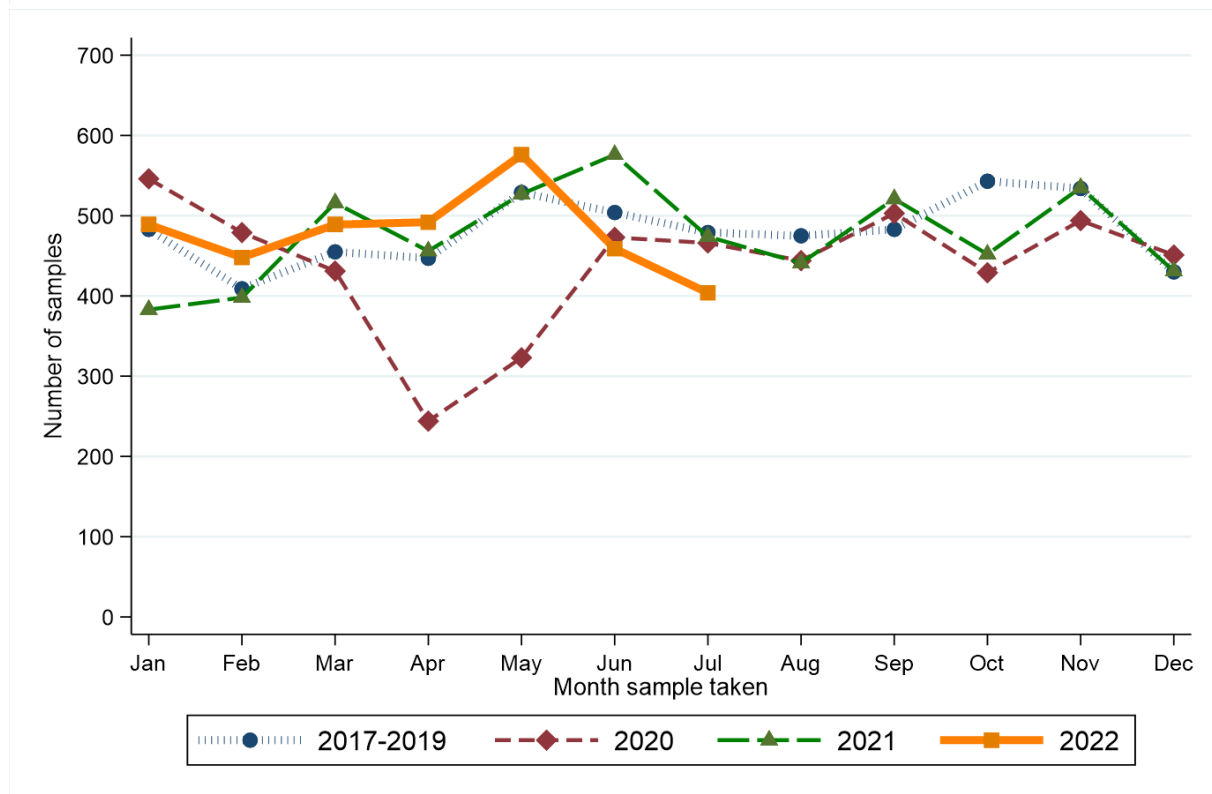
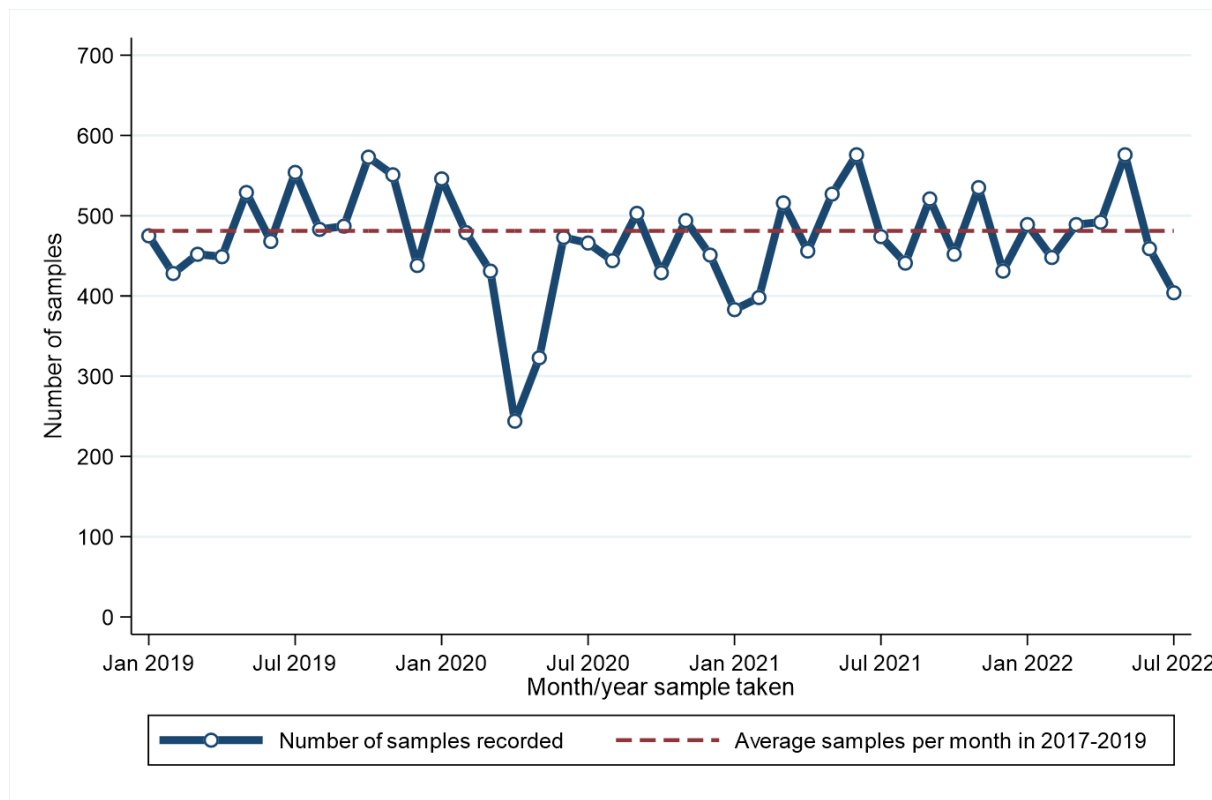
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# AGED 70+: CANCER (EX NMSC)

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-4.5%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	483	546	383	489
Feb	409	479	398	448
Mar	455	431	516	489
Apr	447	244	456	492
May	529	323	527	576
Jun	504	473	576	459

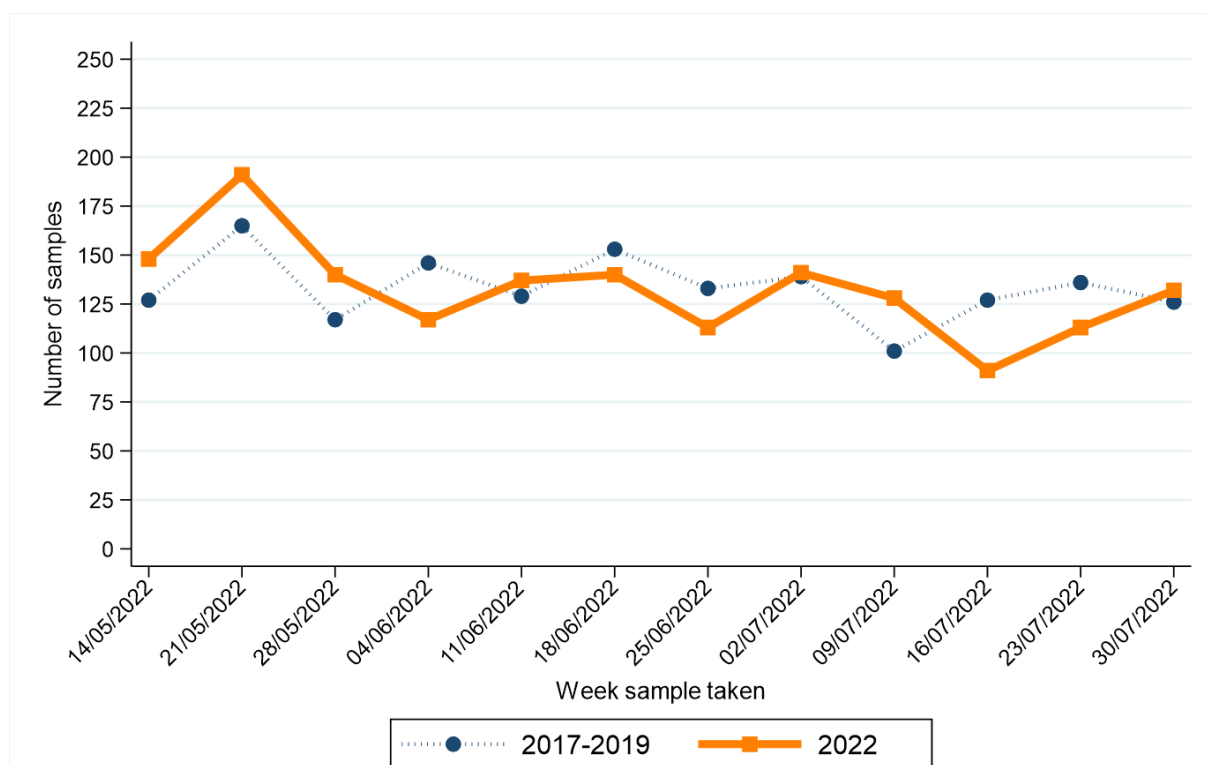
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	479	466	474	404
Aug	475	444	441	.
Sep	483	503	521	.
Oct	543	429	452	.
Nov	534	494	535	.
Dec	430	451	431	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-0.5%**



Week sample taken**	2017-2019*	2022
14/05/2022	127	148
21/05/2022	165	191
28/05/2022	117	140
04/06/2022	146	117
11/06/2022	129	137
18/06/2022	153	140

Week sample taken**	2017-2019*	2022
25/06/2022	133	113
02/07/2022	139	141
09/07/2022	101	128
16/07/2022	127	91
23/07/2022	136	113
30/07/2022	126	132

\* Average samples per year rounded to the nearest integer.

\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

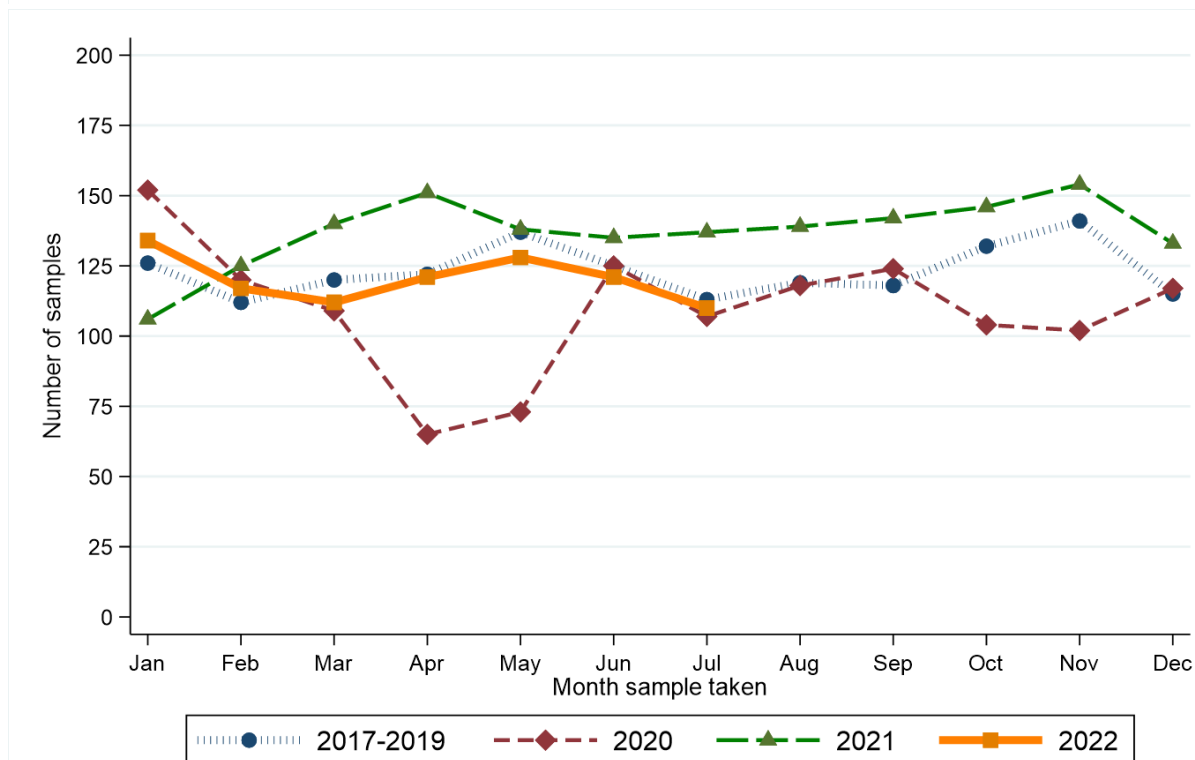
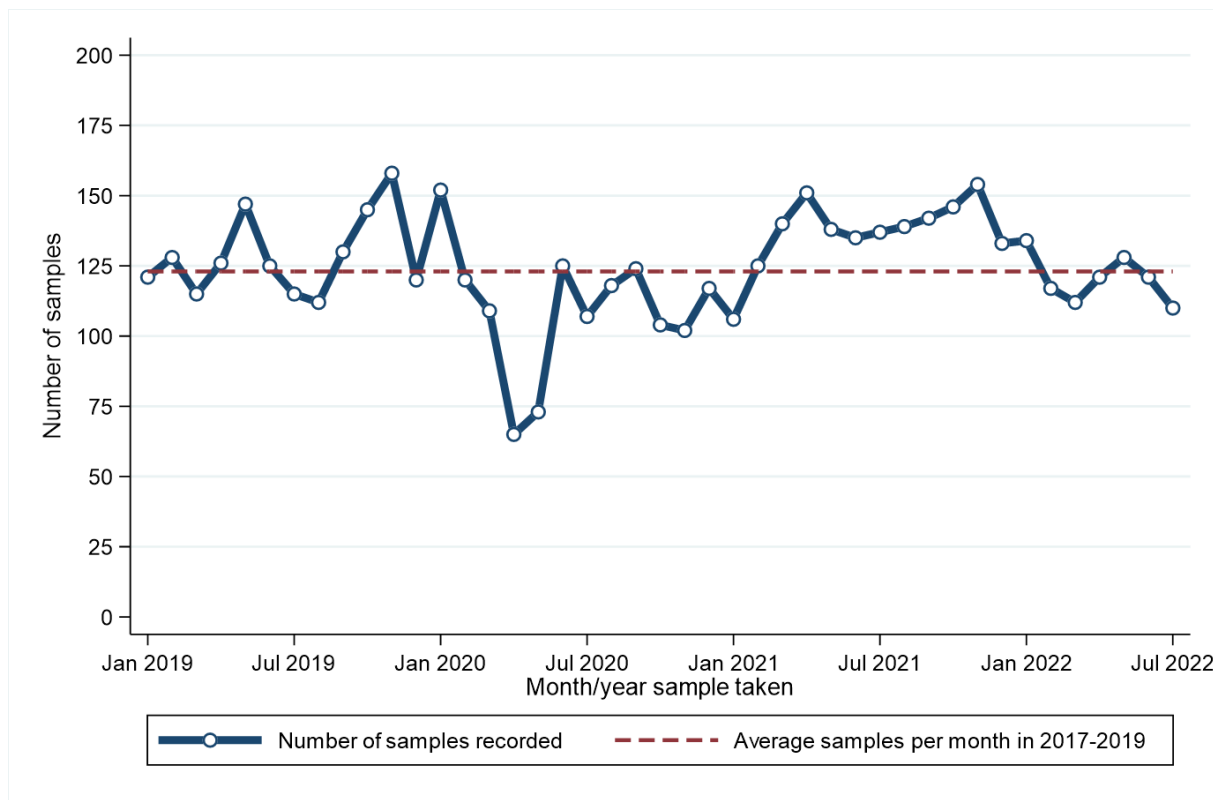


# BOWEL CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-1.2%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	126	152	106	134
Feb	112	120	125	117
Mar	120	109	140	112
Apr	122	65	151	121
May	137	73	138	128
Jun	125	125	135	121

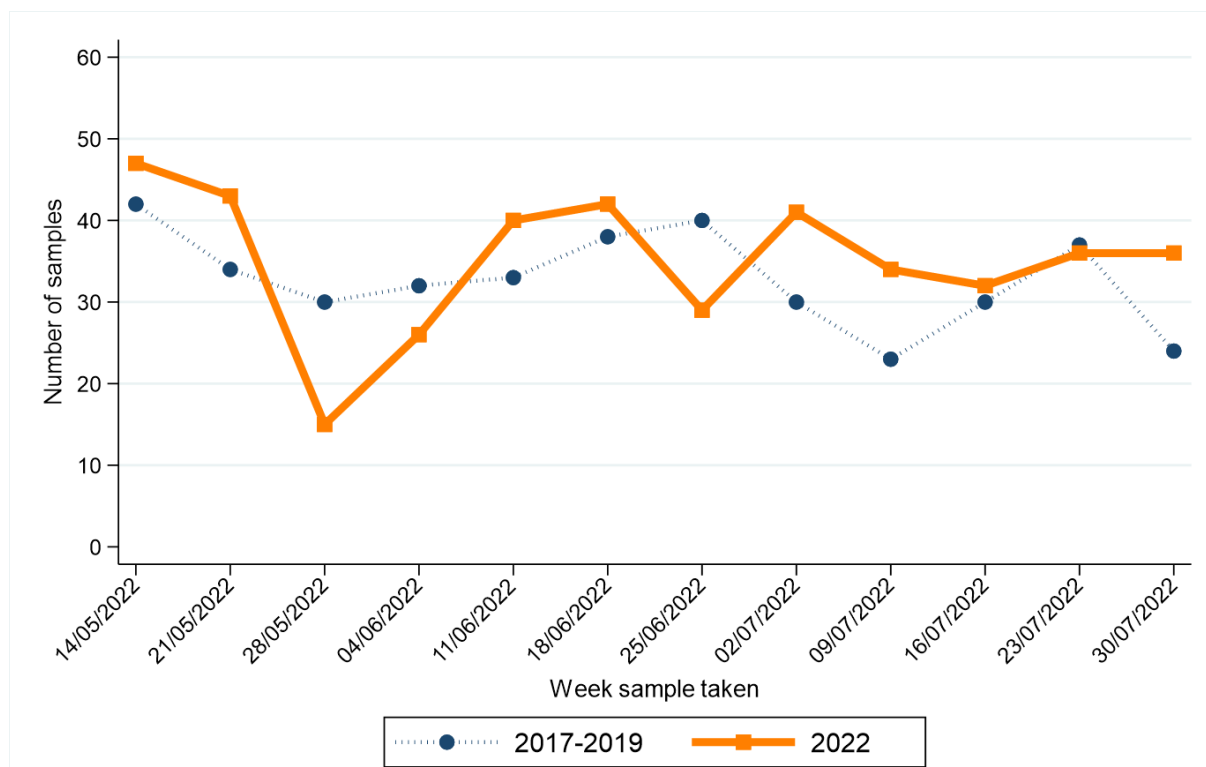
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	113	107	137	110
Aug	119	118	139	.
Sep	118	124	142	.
Oct	132	104	146	.
Nov	141	102	154	.
Dec	115	117	133	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**+7.1%**



Week sample taken**	2017-2019*	2022
14/05/2022	42	47
21/05/2022	34	43
28/05/2022	30	15
04/06/2022	32	26
11/06/2022	33	40
18/06/2022	38	42

Week sample taken**	2017-2019*	2022
25/06/2022	40	29
02/07/2022	30	41
09/07/2022	23	34
16/07/2022	30	32
23/07/2022	37	36
30/07/2022	24	36

\* Average samples per year rounded to the nearest integer.

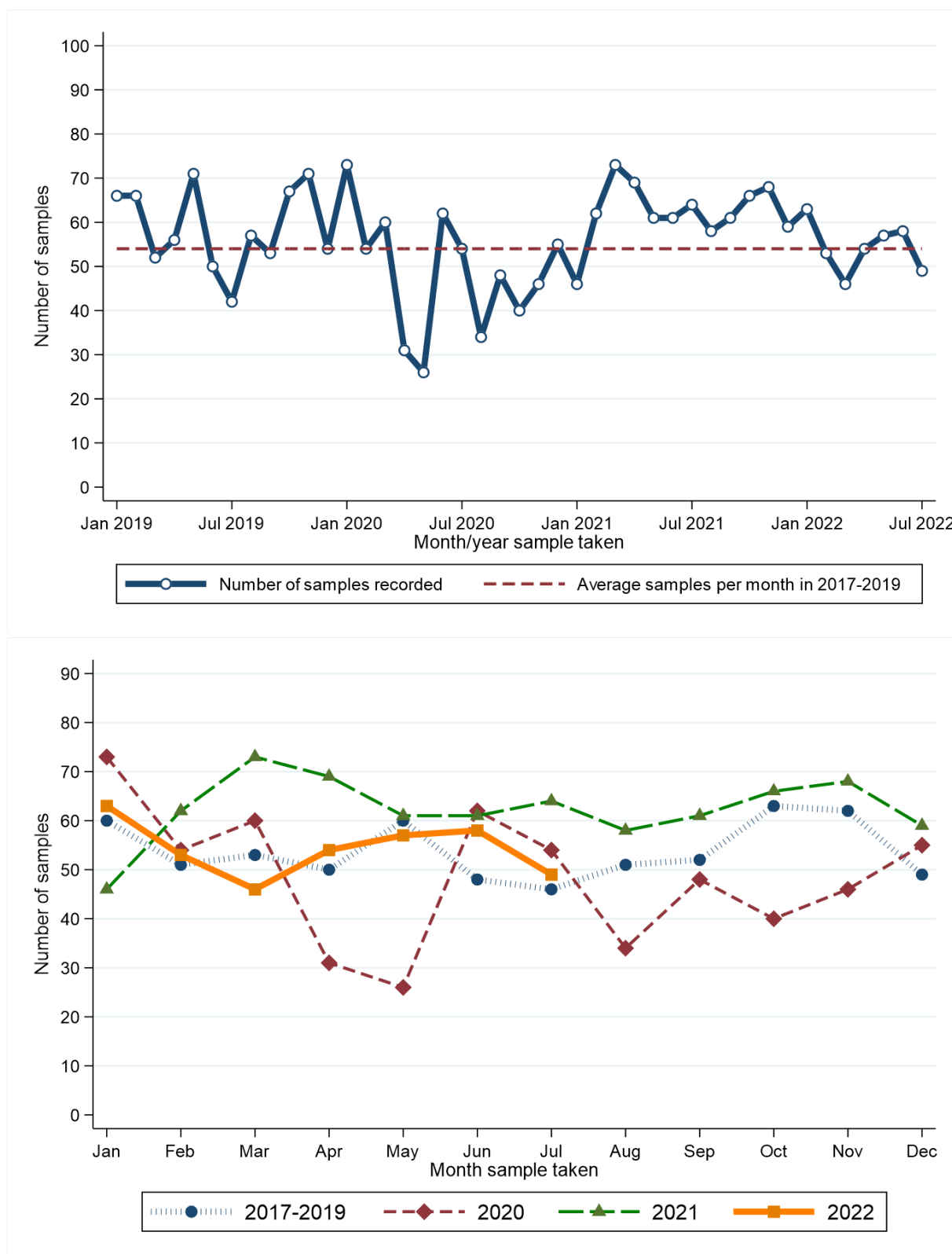
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# BOWEL CANCER (SCREENING AGE)

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**+2.4%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	60	73	46	63
Feb	51	54	62	53
Mar	53	60	73	46
Apr	50	31	69	54
May	60	26	61	57
Jun	48	62	61	58

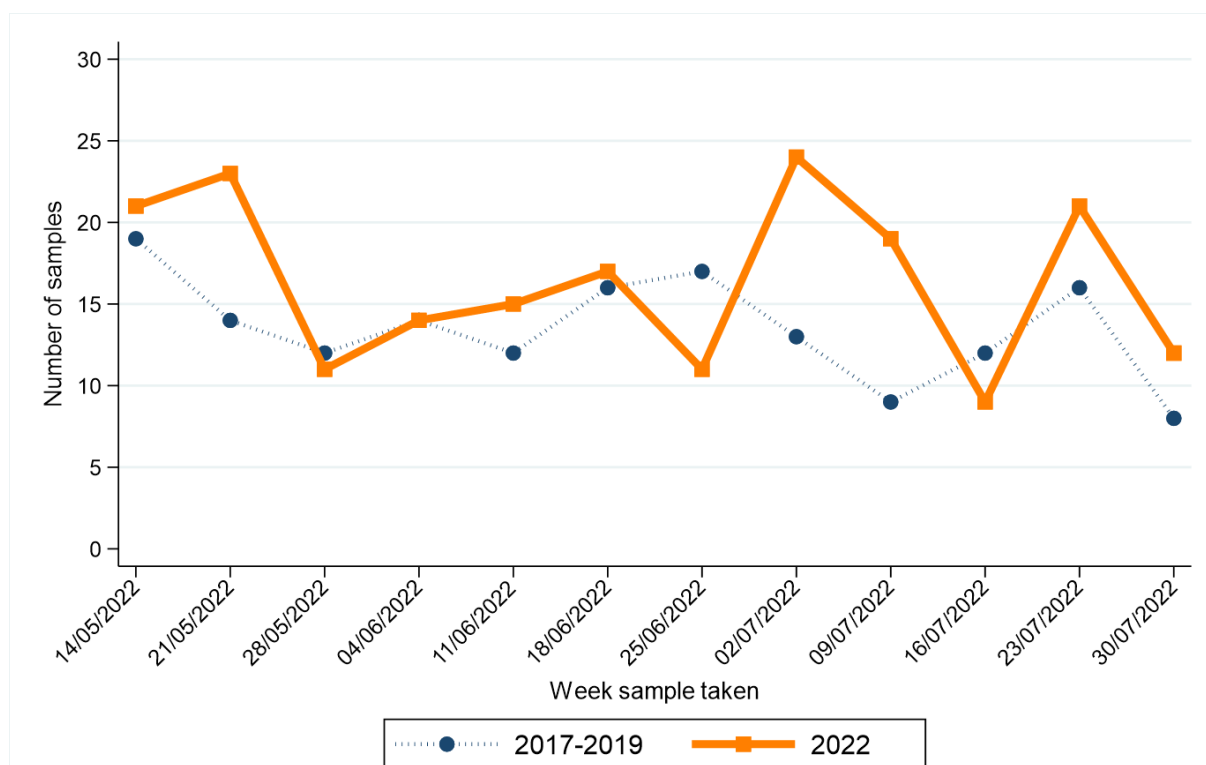
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	46	54	64	49
Aug	51	34	58	.
Sep	52	48	61	.
Oct	63	40	66	.
Nov	62	46	68	.
Dec	49	55	59	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**+21.6%**



Week sample taken**	2017-2019*	2022
14/05/2022	19	21
21/05/2022	14	23
28/05/2022	12	11
04/06/2022	14	14
11/06/2022	12	15
18/06/2022	16	17

Week sample taken**	2017-2019*	2022
25/06/2022	17	11
02/07/2022	13	24
09/07/2022	9	19
16/07/2022	12	9
23/07/2022	16	21
30/07/2022	8	12

\* Average samples per year rounded to the nearest integer.

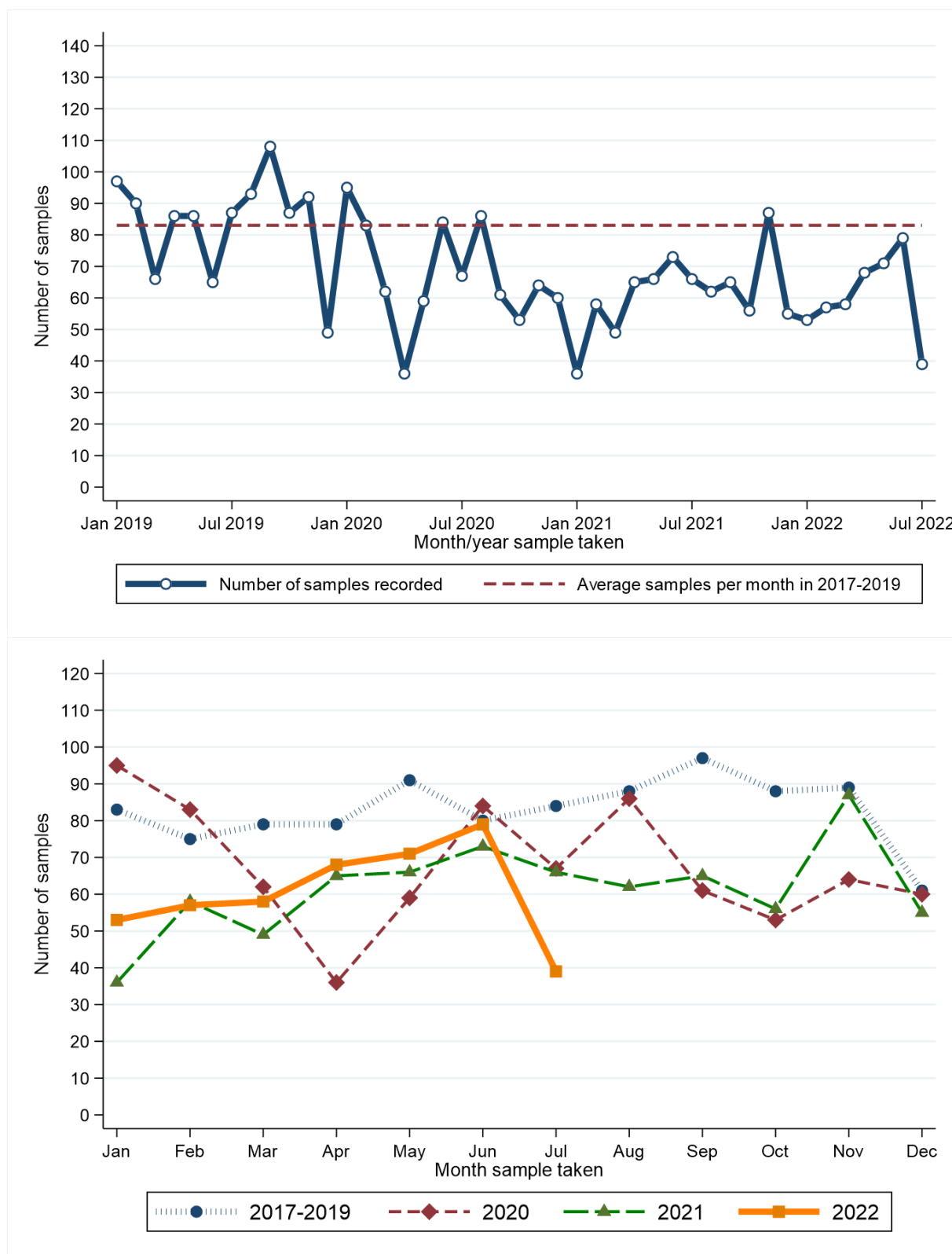
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# LUNG CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-25.2%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	83	95	36	53
Feb	75	83	58	57
Mar	79	62	49	58
Apr	79	36	65	68
May	91	59	66	71
Jun	80	84	73	79

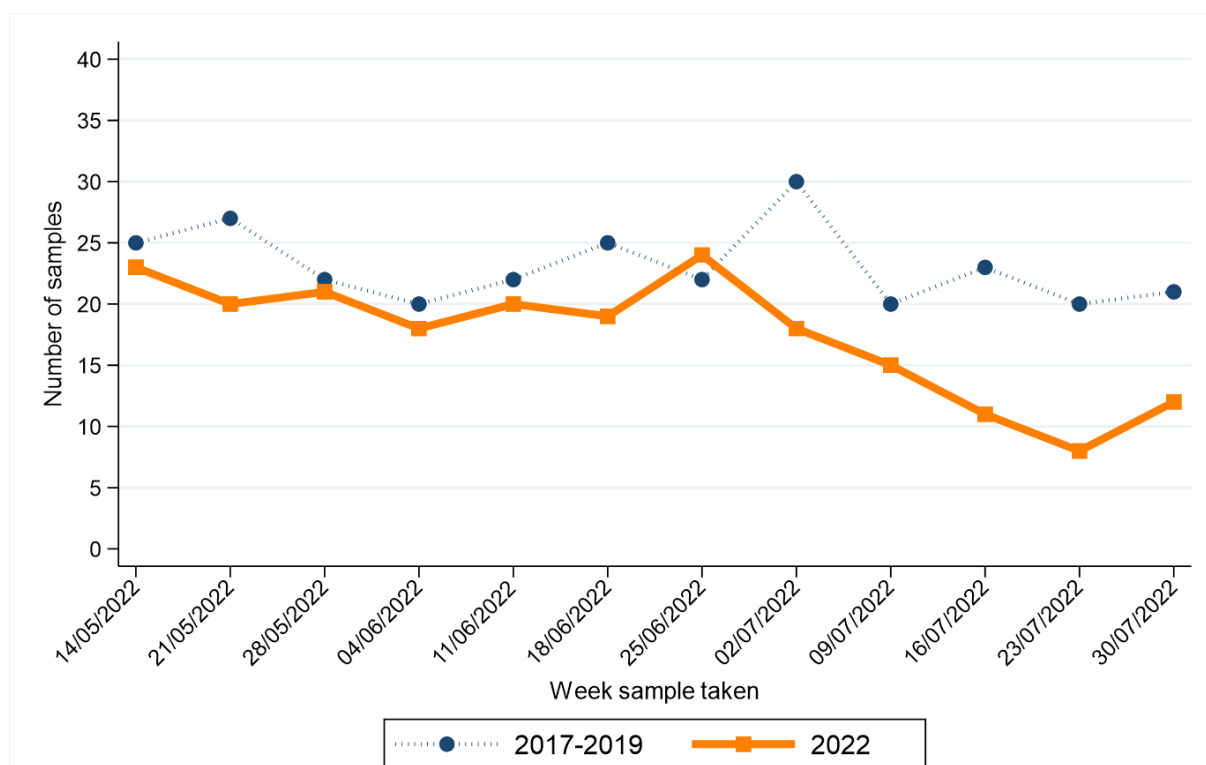
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	84	67	66	39
Aug	88	86	62	.
Sep	97	61	65	.
Oct	88	53	56	.
Nov	89	64	87	.
Dec	61	60	55	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-24.5%**



Week sample taken**	2017-2019*	2022
14/05/2022	25	23
21/05/2022	27	20
28/05/2022	22	21
04/06/2022	20	18
11/06/2022	22	20
18/06/2022	25	19

Week sample taken**	2017-2019*	2022
25/06/2022	22	24
02/07/2022	30	18
09/07/2022	20	15
16/07/2022	23	11
23/07/2022	20	8
30/07/2022	21	12

\* Average samples per year rounded to the nearest integer.

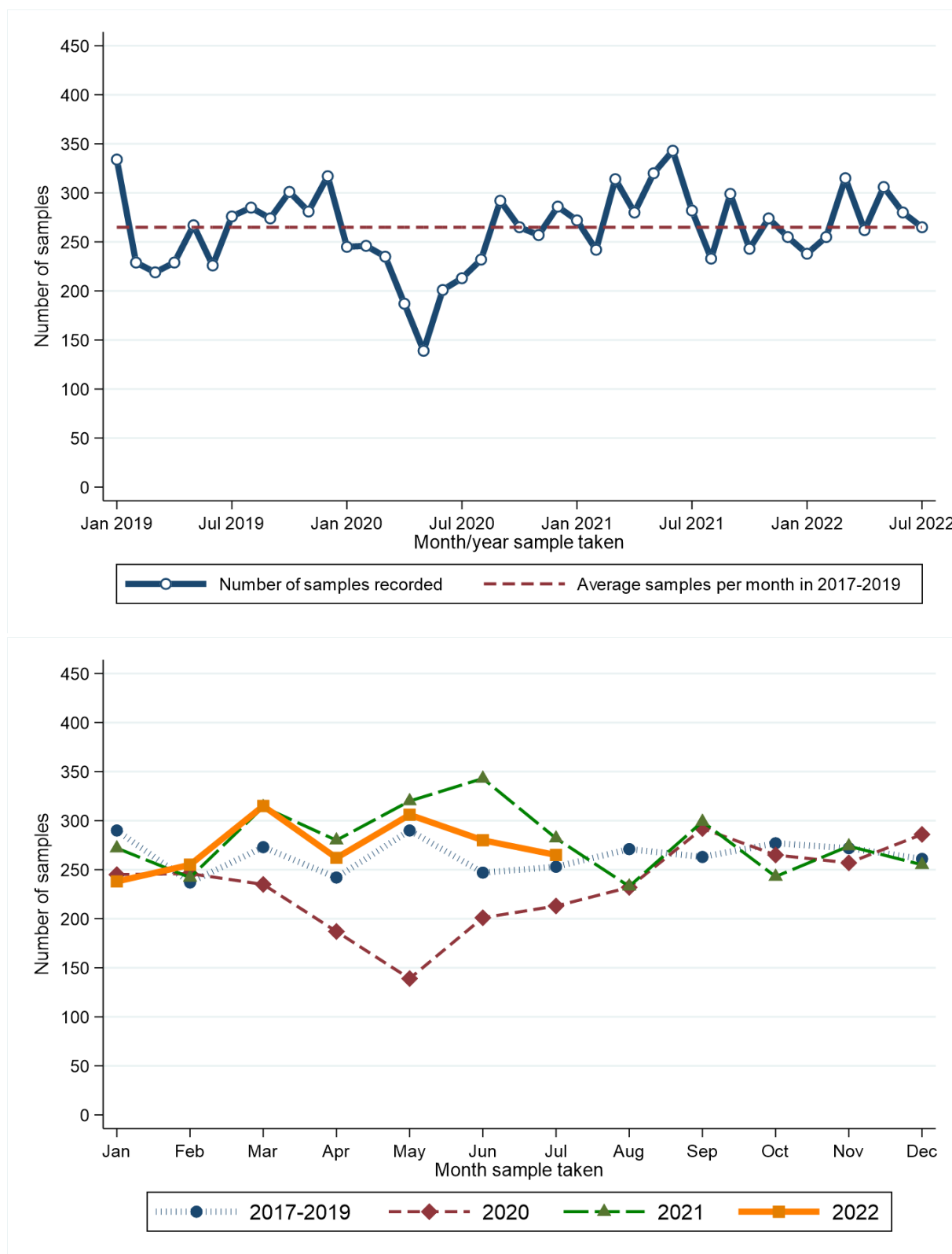
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# FEMALE BREAST CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-0.9%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	290	245	272	238
Feb	237	246	242	255
Mar	273	235	314	315
Apr	242	187	280	262
May	290	139	320	306
Jun	247	201	343	280

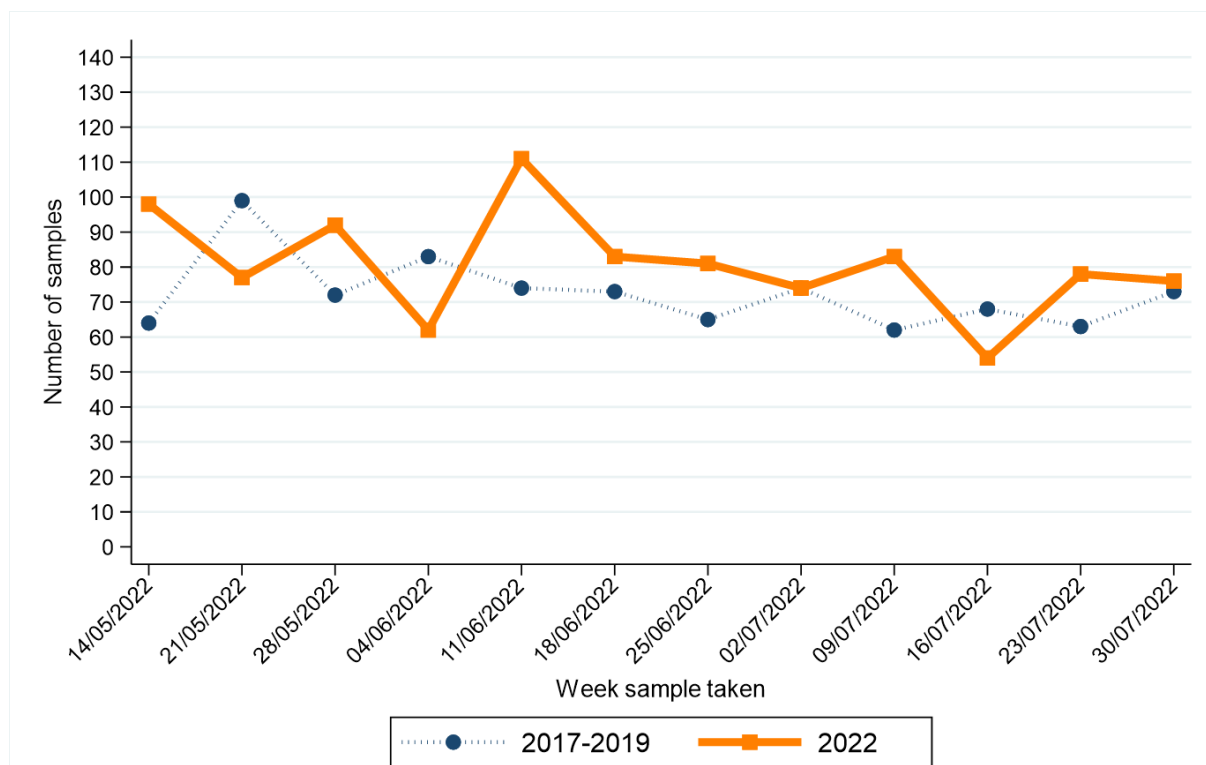
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	253	213	282	265
Aug	271	232	233	.
Sep	263	292	299	.
Oct	277	265	243	.
Nov	272	257	274	.
Dec	261	286	255	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**+11.4%**



Week sample taken**	2017-2019*	2022
14/05/2022	64	98
21/05/2022	99	77
28/05/2022	72	92
04/06/2022	83	62
11/06/2022	74	111
18/06/2022	73	83

Week sample taken**	2017-2019*	2022
25/06/2022	65	81
02/07/2022	74	74
09/07/2022	62	83
16/07/2022	68	54
23/07/2022	63	78
30/07/2022	73	76

\* Average samples per year rounded to the nearest integer.

\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

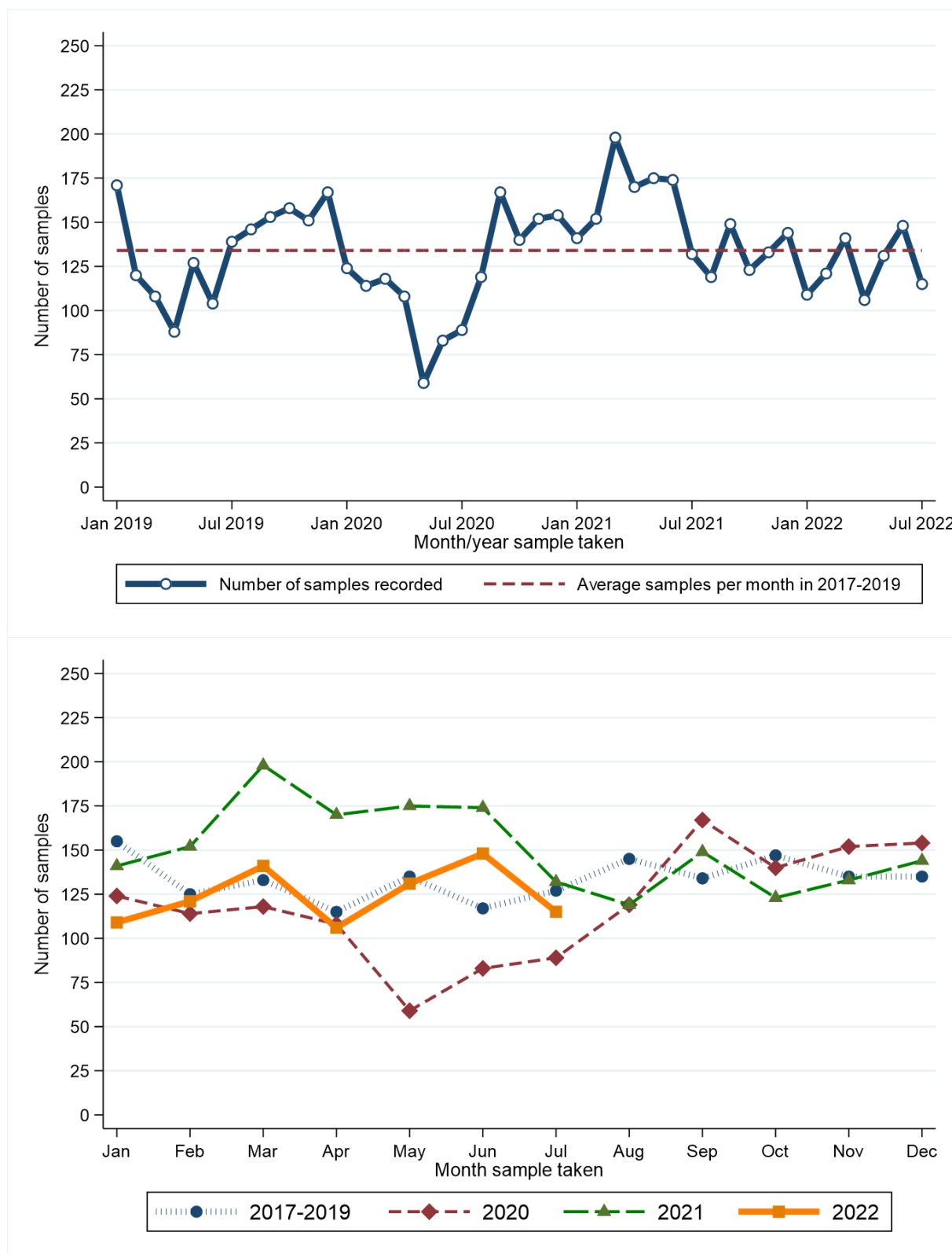


# FEMALE BREAST CANCER (SCREENING AGE)

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**+1.0%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	155	124	141	109
Feb	125	114	152	121
Mar	133	118	198	141
Apr	115	108	170	106
May	135	59	175	131
Jun	117	83	174	148

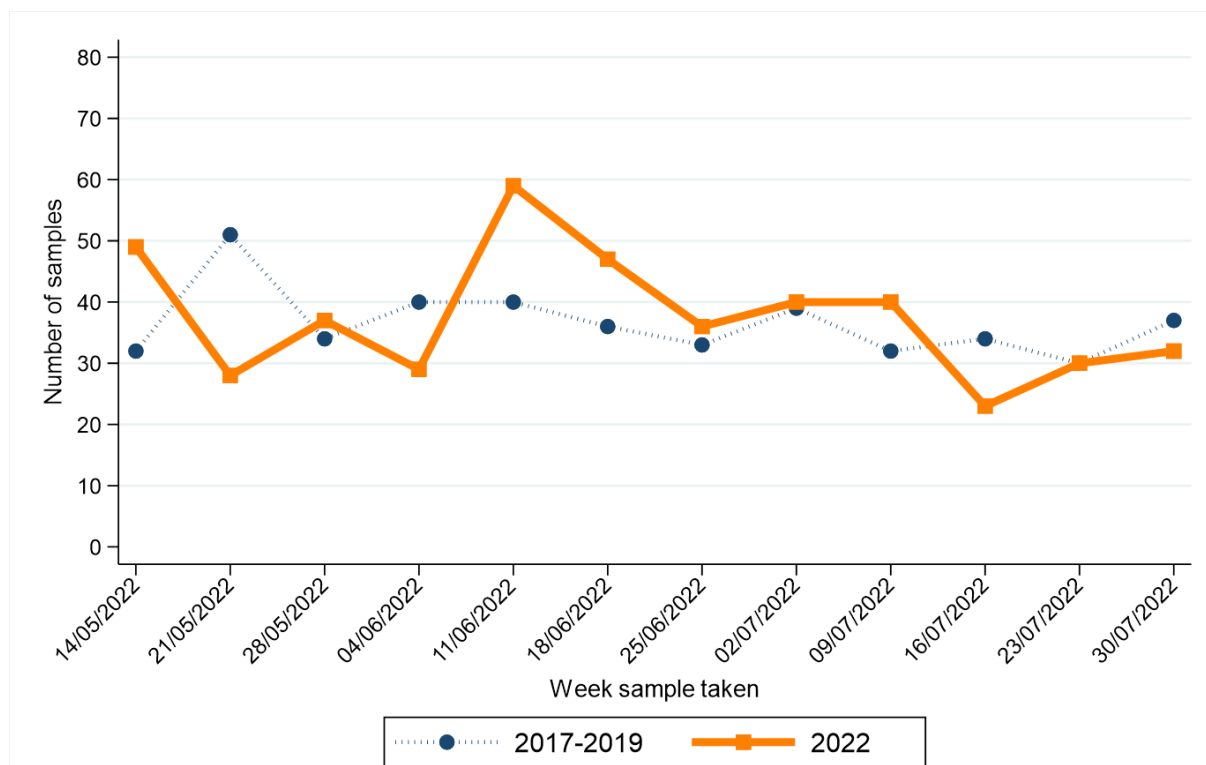
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	127	89	132	115
Aug	145	119	119	.
Sep	134	167	149	.
Oct	147	140	123	.
Nov	135	152	133	.
Dec	135	154	144	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**+2.7%**



Week sample taken**	2017-2019*	2022
14/05/2022	32	49
21/05/2022	51	28
28/05/2022	34	37
04/06/2022	40	29
11/06/2022	40	59
18/06/2022	36	47

Week sample taken**	2017-2019*	2022
25/06/2022	33	36
02/07/2022	39	40
09/07/2022	32	40
16/07/2022	34	23
23/07/2022	30	30
30/07/2022	37	32

\* Average samples per year rounded to the nearest integer.

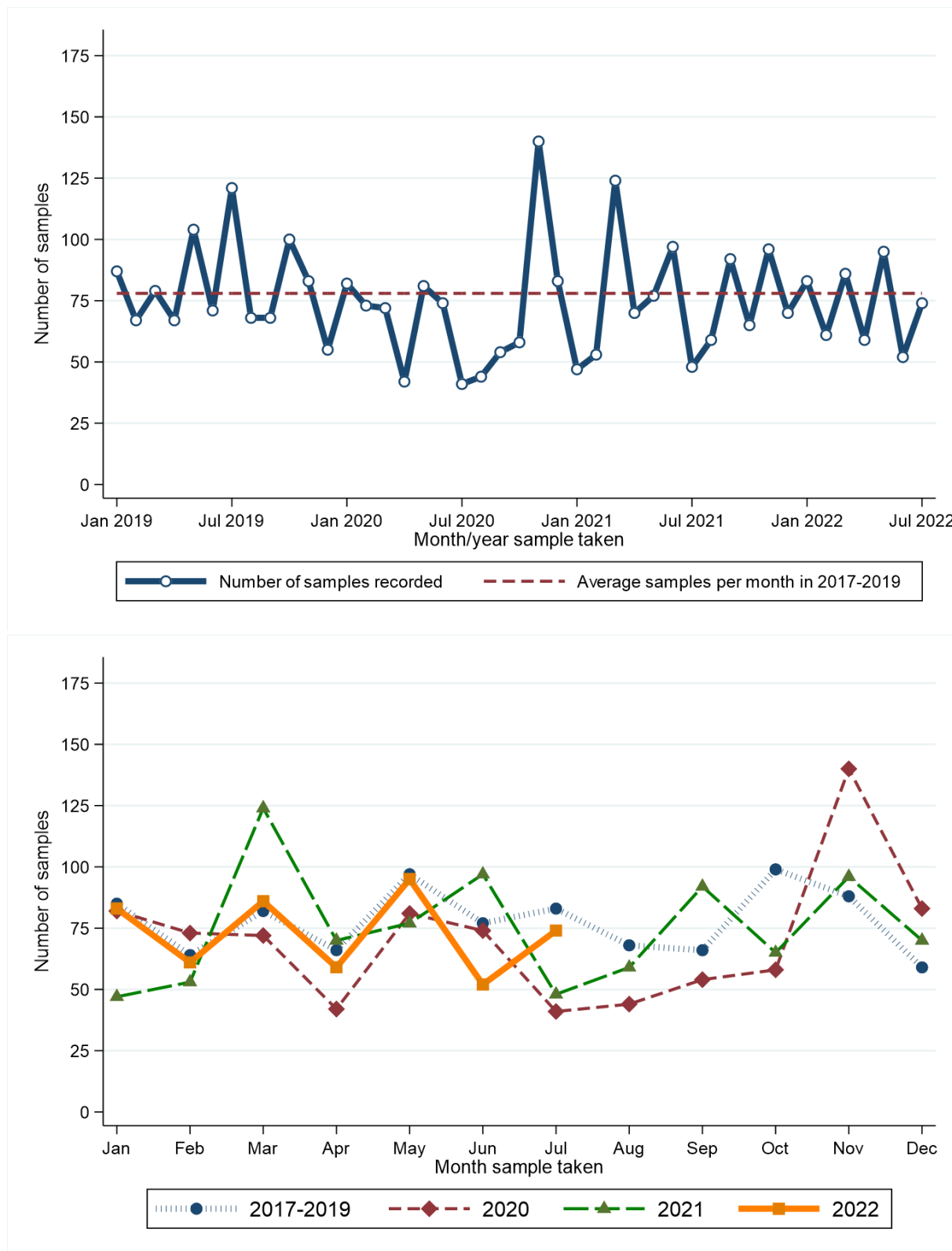
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# PROSTATE CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-7.7%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	85	82	47	83
Feb	64	73	53	61
Mar	82	72	124	86
Apr	66	42	70	59
May	97	81	77	95
Jun	77	74	97	52

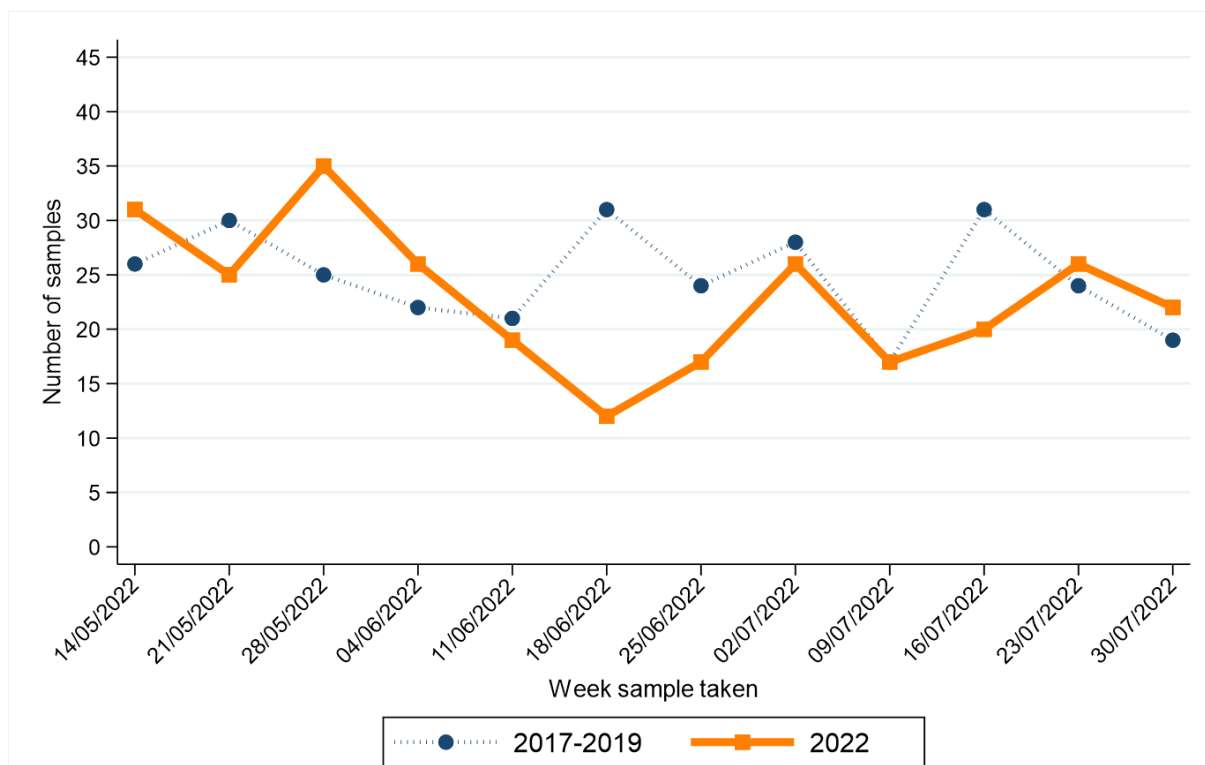
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	83	41	48	74
Aug	68	44	59	.
Sep	66	54	92	.
Oct	99	58	65	.
Nov	88	140	96	.
Dec	59	83	70	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-7.4%**



Week sample taken**	2017-2019*	2022
14/05/2022	26	31
21/05/2022	30	25
28/05/2022	25	35
04/06/2022	22	26
11/06/2022	21	19
18/06/2022	31	12

Week sample taken**	2017-2019*	2022
25/06/2022	24	17
02/07/2022	28	26
09/07/2022	17	17
16/07/2022	31	20
23/07/2022	24	26
30/07/2022	19	22

\* Average samples per year rounded to the nearest integer.

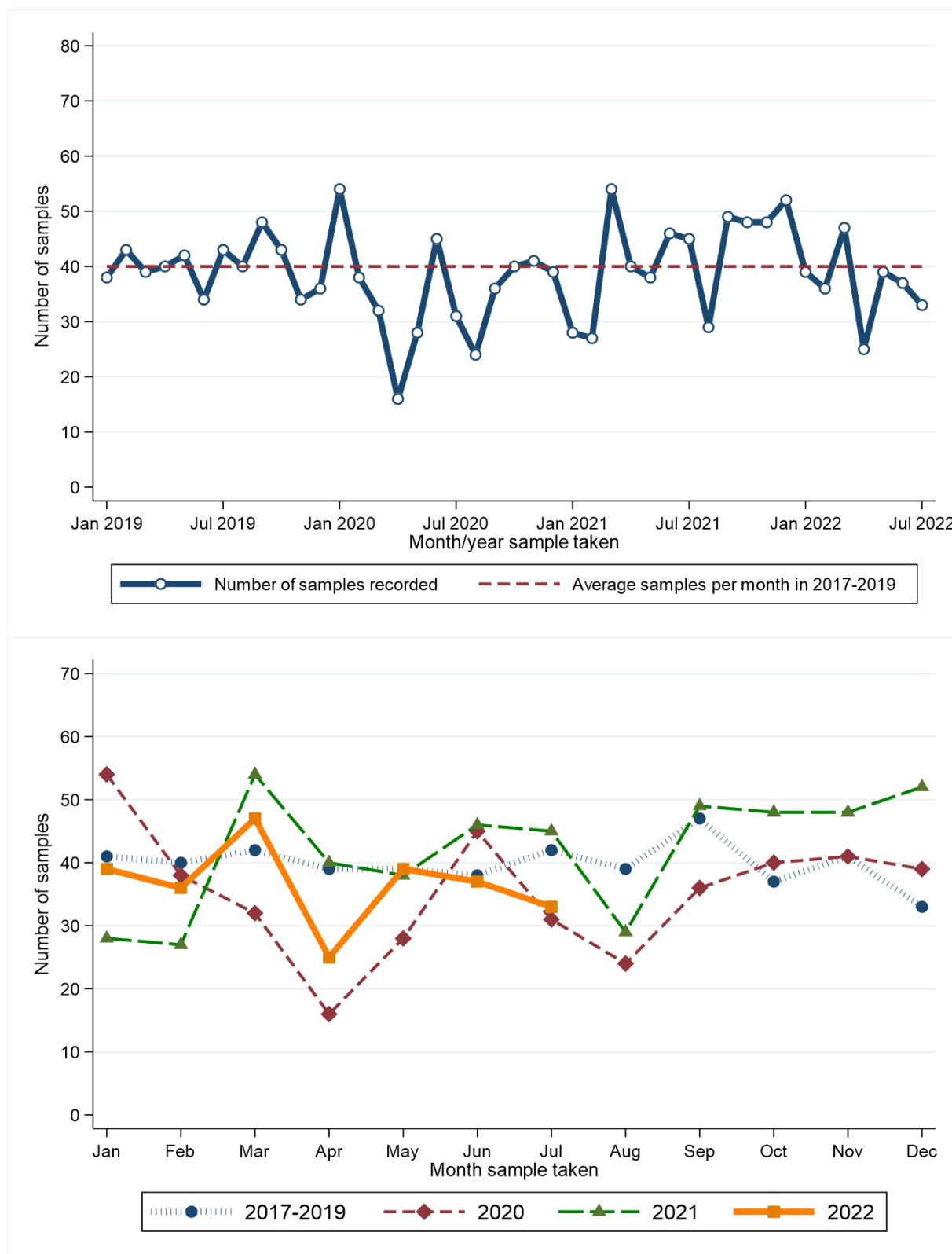
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# UPPER GASTROINTESTINAL CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-5.5%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	41	54	28	39
Feb	40	38	27	36
Mar	42	32	54	47
Apr	39	16	40	25
May	39	28	38	39
Jun	38	45	46	37

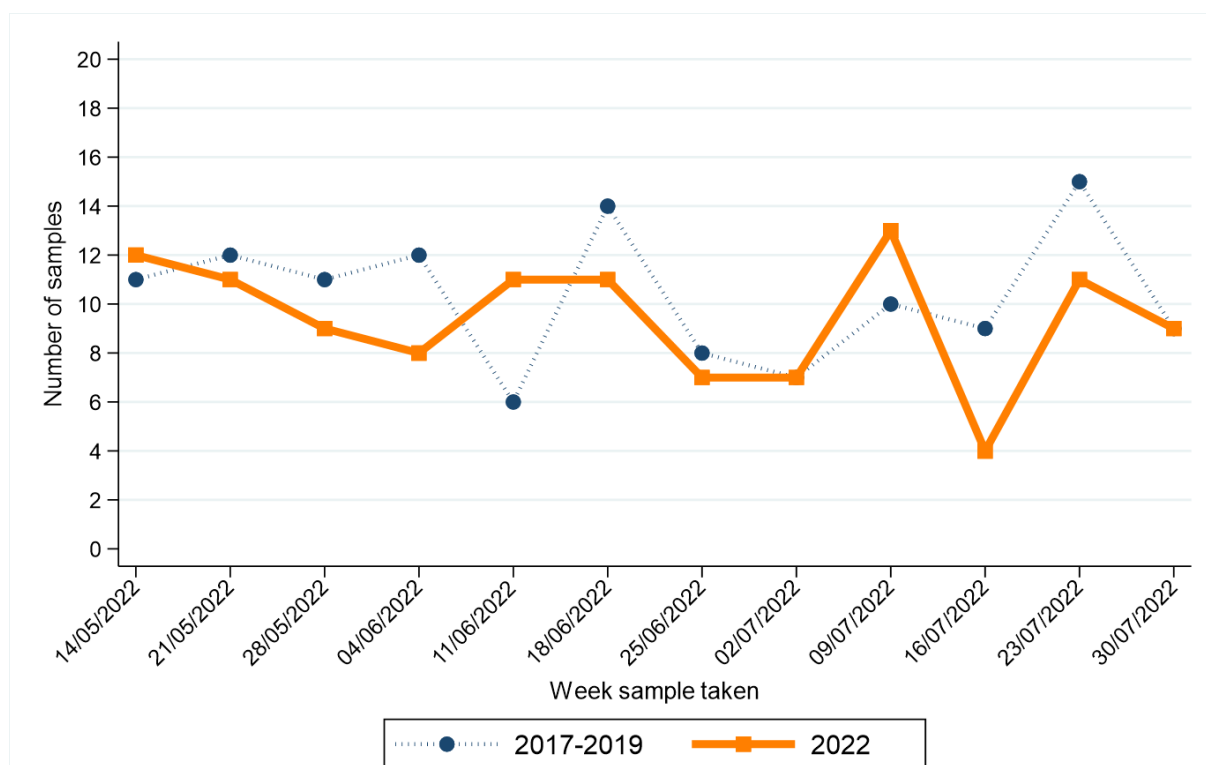
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	42	31	45	33
Aug	39	24	29	.
Sep	47	36	49	.
Oct	37	40	48	.
Nov	41	41	48	.
Dec	33	39	52	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-8.9%**



Week sample taken**	2017-2019*	2022
14/05/2022	11	12
21/05/2022	12	11
28/05/2022	11	9
04/06/2022	12	8
11/06/2022	6	11
18/06/2022	14	11

Week sample taken**	2017-2019*	2022
25/06/2022	8	7
02/07/2022	7	7
09/07/2022	10	13
16/07/2022	9	4
23/07/2022	15	11
30/07/2022	9	9

\* Average samples per year rounded to the nearest integer.

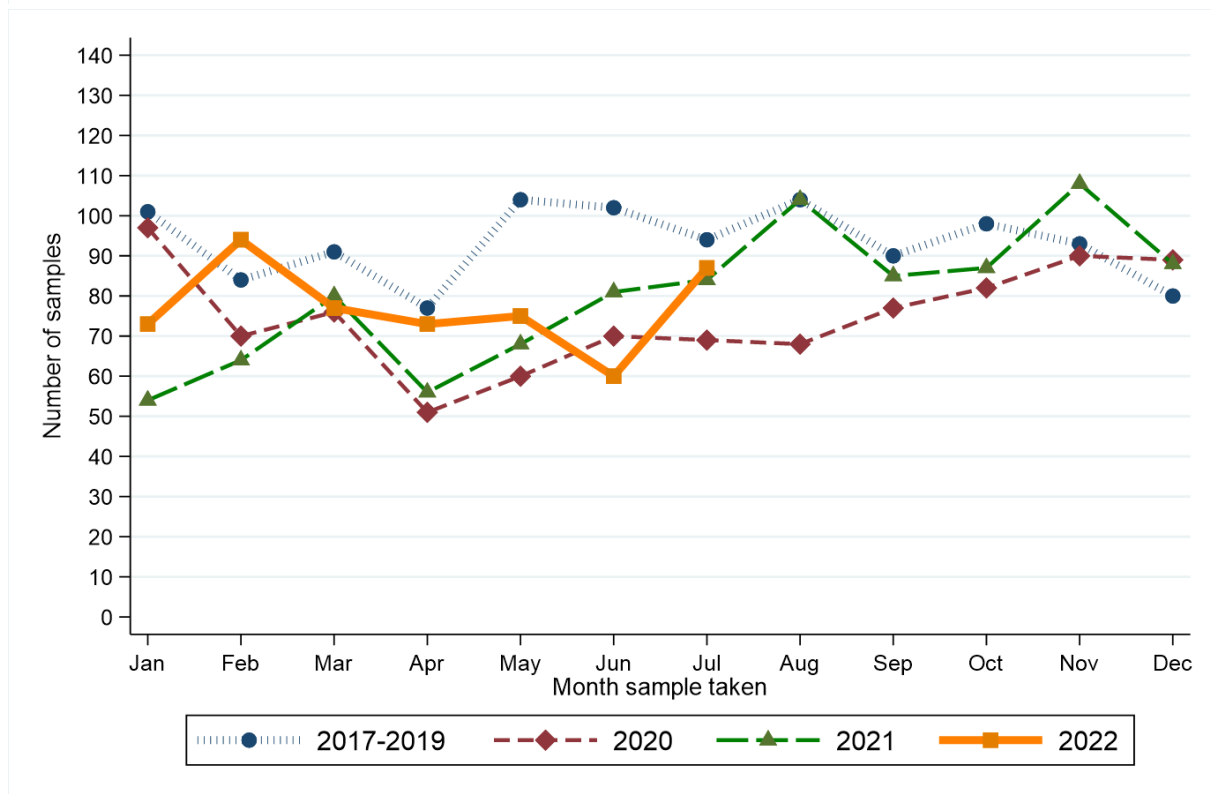
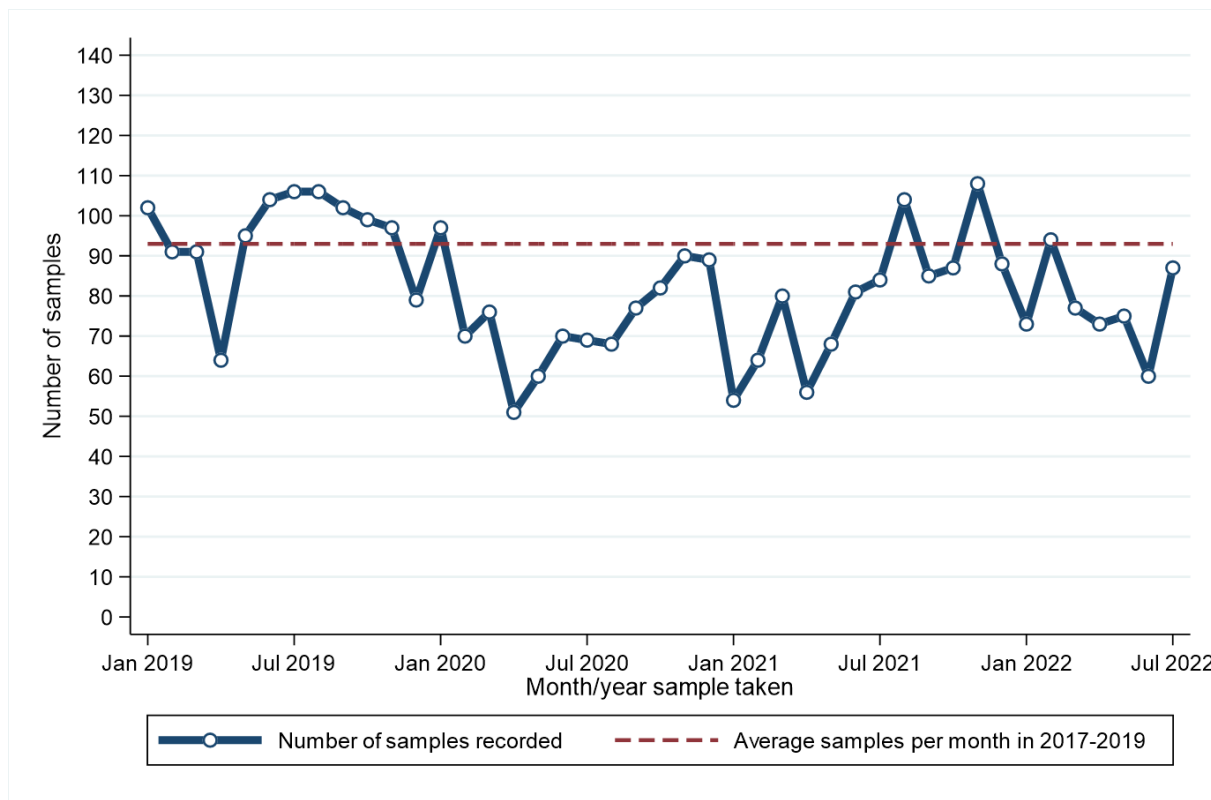
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# GYNAECOLOGICAL CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

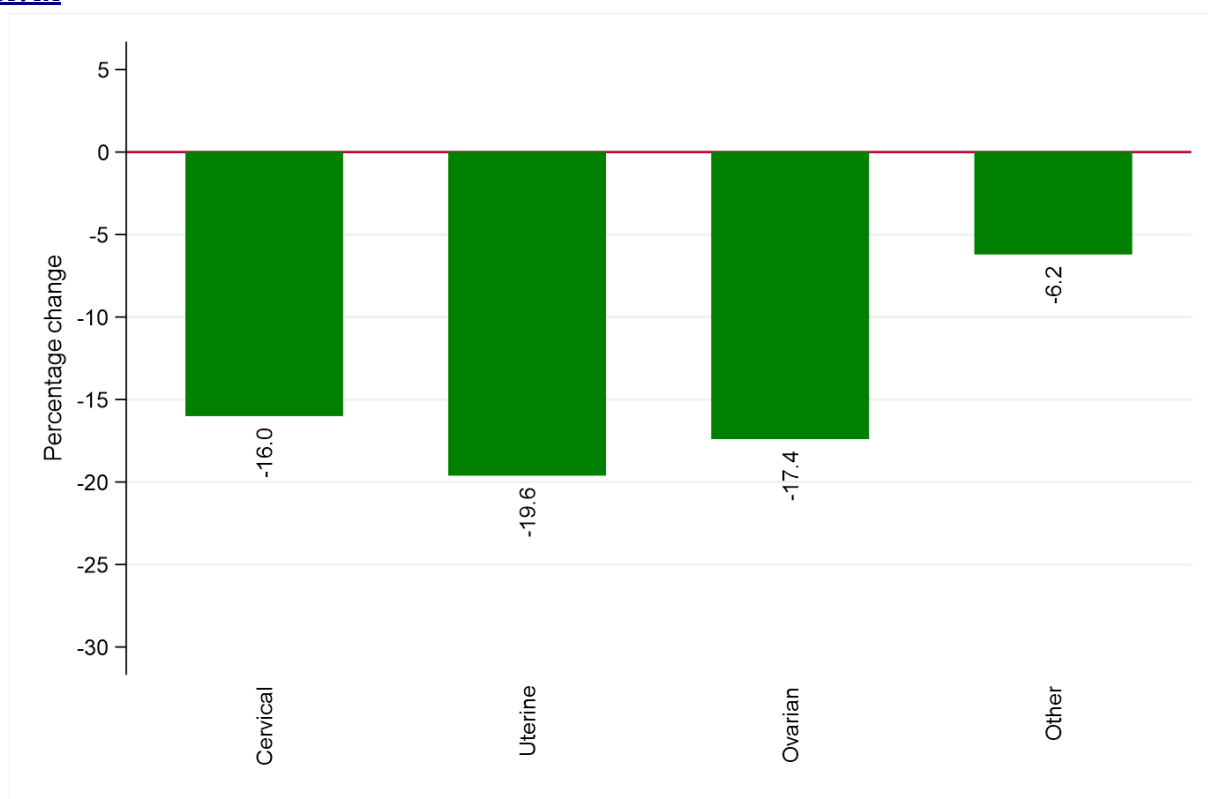
**-17.5%**



Month sample taken**	2017-2019*	2020	2021	2022	Month sample taken**	2017-2019*	2020	2021	2022
Jan	101	97	54	73	Jul	94	69	84	87
Feb	84	70	64	94	Aug	104	68	104	.
Mar	91	76	80	77	Sep	90	77	85	.
Apr	77	51	56	73	Oct	98	82	87	.
May	104	60	68	75	Nov	93	90	108	.
Jun	102	70	81	60	Dec	80	89	88	.

\* Average samples per year rounded to the nearest integer.

### CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 BY DETAILED CANCER TYPE - Excluding Altnagelvin



Cancer type	Number of samples (March 2020 to July 2022)	
	Expected number*	Recorded number
Cervical cancer	399	335
Uterine cancer	1,275	1,025
Ovarian cancer	778	643
Other gynaecological cancer	242	227

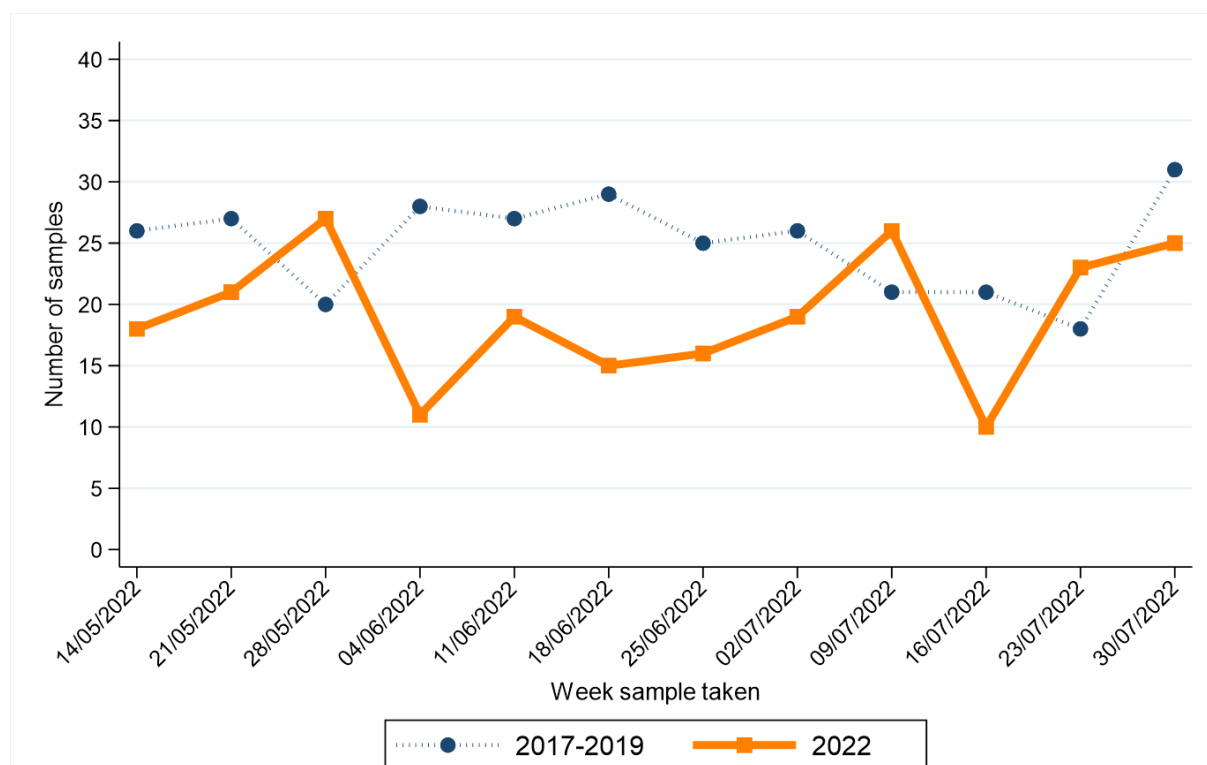
\* Based upon average monthly number of samples from 2017-2019.



## RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-23.1%**



Week sample taken**	2017-2019*	2022	Week sample taken**	2017-2019*	2022
14/05/2022	26	18	25/06/2022	25	16
21/05/2022	27	21	02/07/2022	26	19
28/05/2022	20	27	09/07/2022	21	26
04/06/2022	28	11	16/07/2022	21	10
11/06/2022	27	19	23/07/2022	18	23
18/06/2022	29	15	30/07/2022	31	25

\* Average samples per year rounded to the nearest integer.

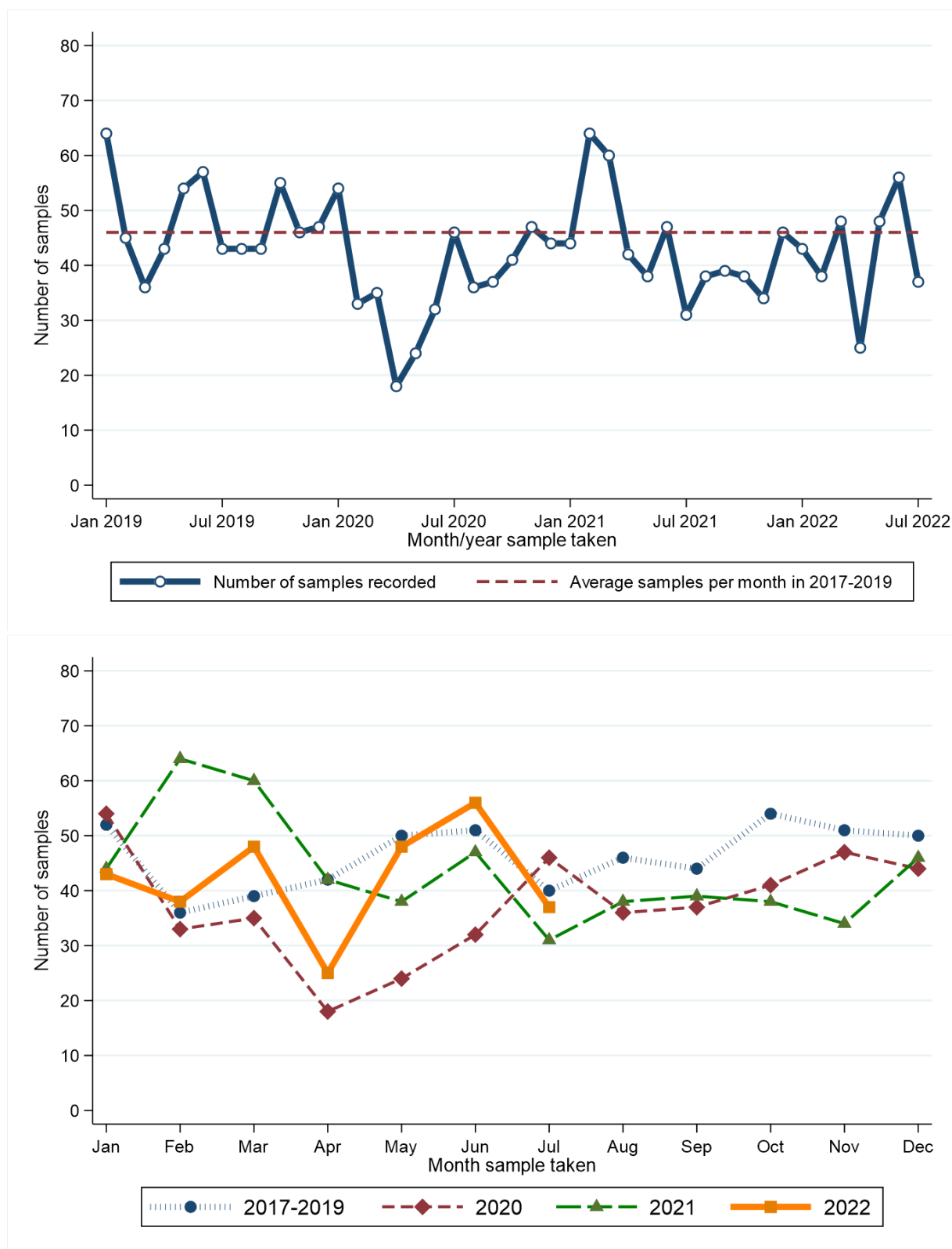
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# HEAD AND NECK CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-11.7%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	52	54	44	43
Feb	36	33	64	38
Mar	39	35	60	48
Apr	42	18	42	25
May	50	24	38	48
Jun	51	32	47	56

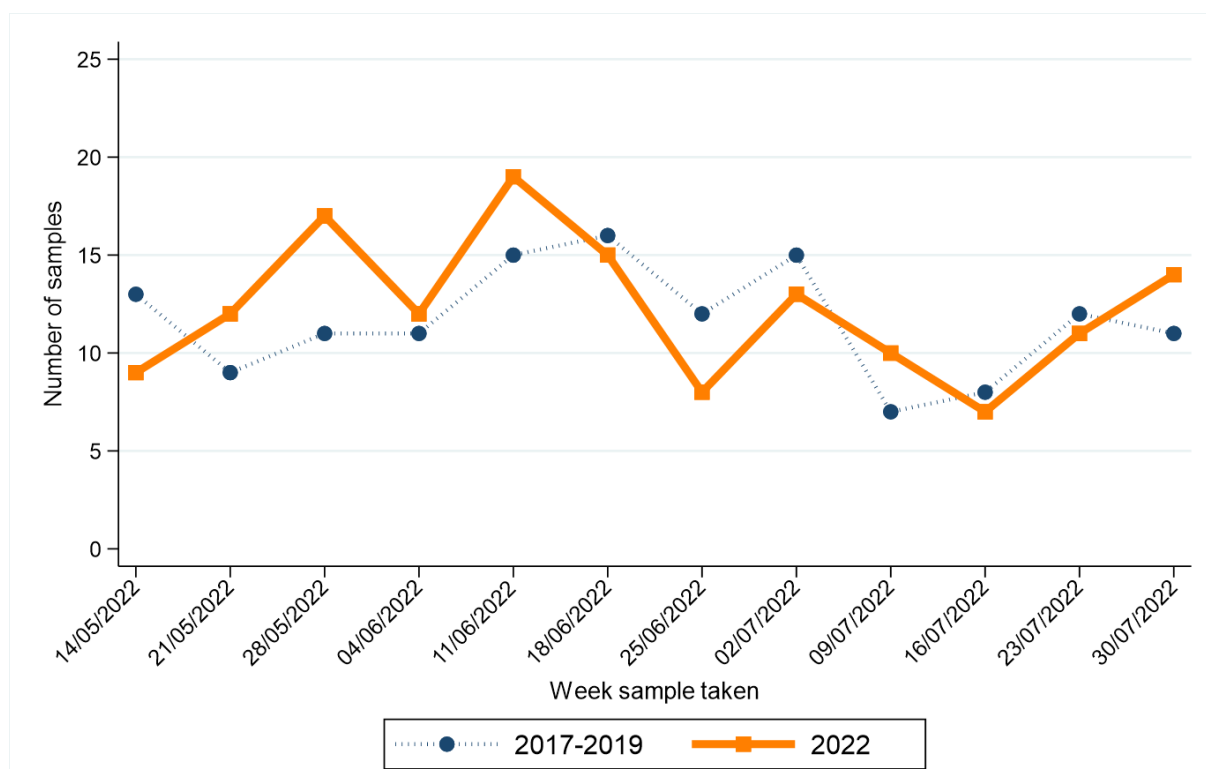
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	40	46	31	37
Aug	46	36	38	.
Sep	44	37	39	.
Oct	54	41	38	.
Nov	51	47	34	.
Dec	50	44	46	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**+5.0%**



Week sample taken**	2017-2019*	2022
14/05/2022	13	9
21/05/2022	9	12
28/05/2022	11	17
04/06/2022	11	12
11/06/2022	15	19
18/06/2022	16	15

Week sample taken**	2017-2019*	2022
25/06/2022	12	8
02/07/2022	15	13
09/07/2022	7	10
16/07/2022	8	7
23/07/2022	12	11
30/07/2022	11	14

\* Average samples per year rounded to the nearest integer.

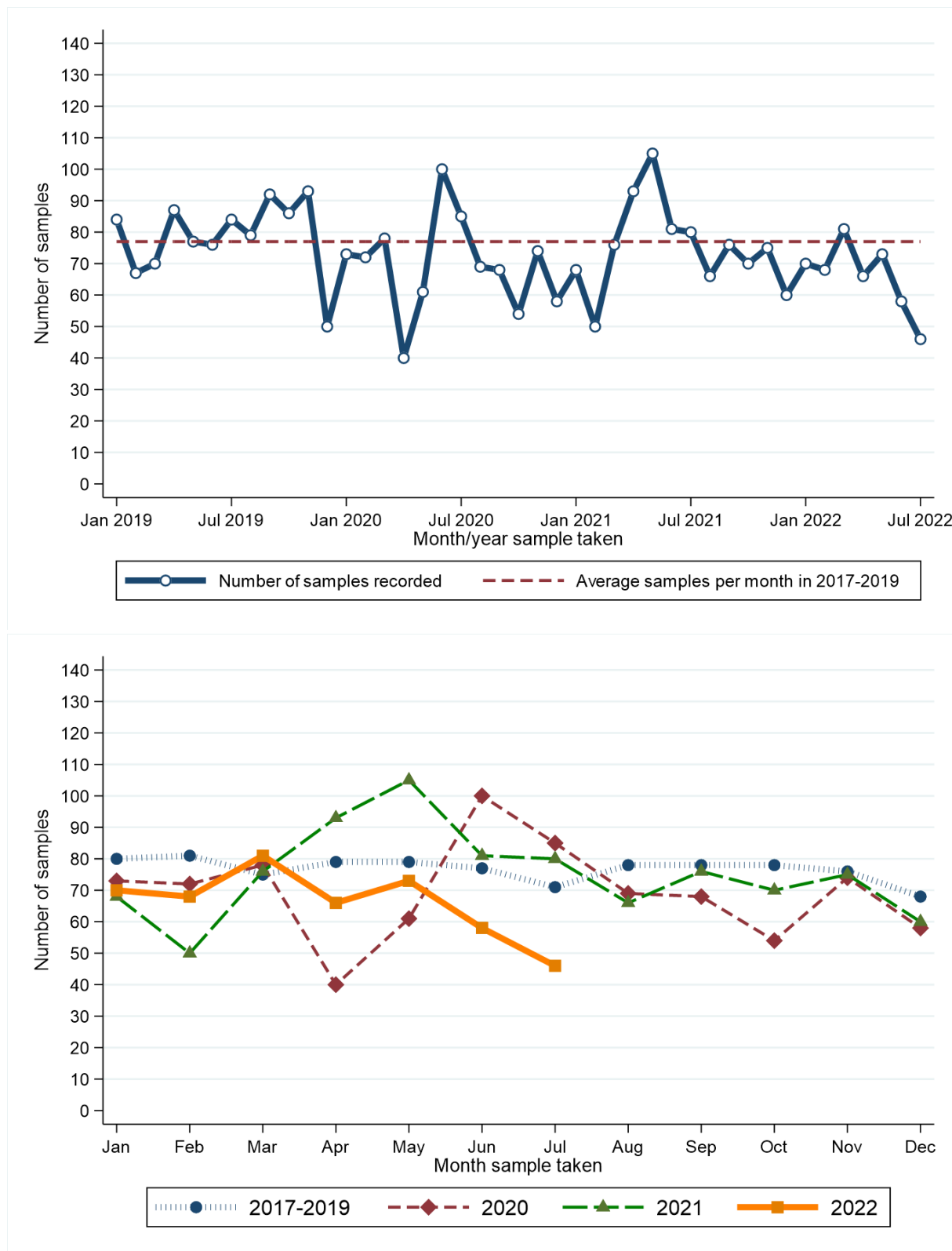
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# URINARY CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-7.7%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	80	73	68	70
Feb	81	72	50	68
Mar	75	78	76	81
Apr	79	40	93	66
May	79	61	105	73
Jun	77	100	81	58

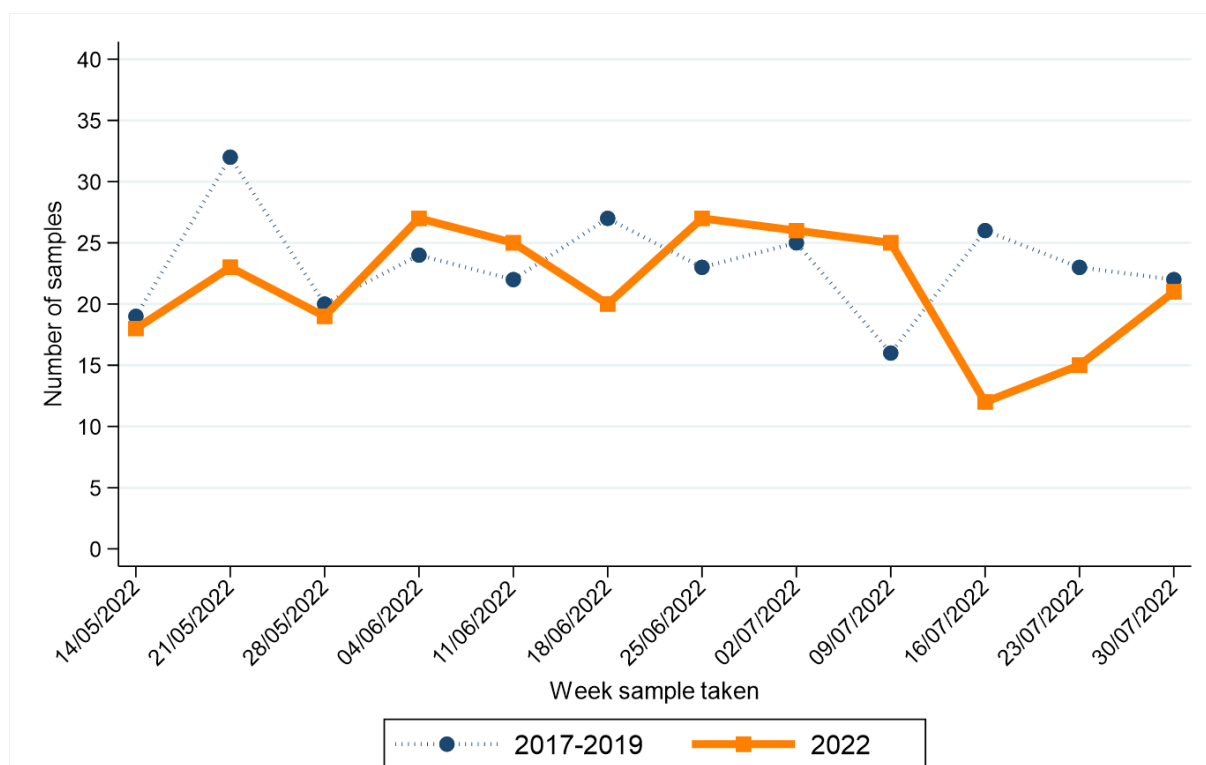
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	71	85	80	46
Aug	78	69	66	.
Sep	78	68	76	.
Oct	78	54	70	.
Nov	76	74	75	.
Dec	68	58	60	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-7.5%**



Week sample taken**	2017-2019*	2022
14/05/2022	19	18
21/05/2022	32	23
28/05/2022	20	19
04/06/2022	24	27
11/06/2022	22	25
18/06/2022	27	20

Week sample taken**	2017-2019*	2022
25/06/2022	23	27
02/07/2022	25	26
09/07/2022	16	25
16/07/2022	26	12
23/07/2022	23	15
30/07/2022	22	21

\* Average samples per year rounded to the nearest integer.

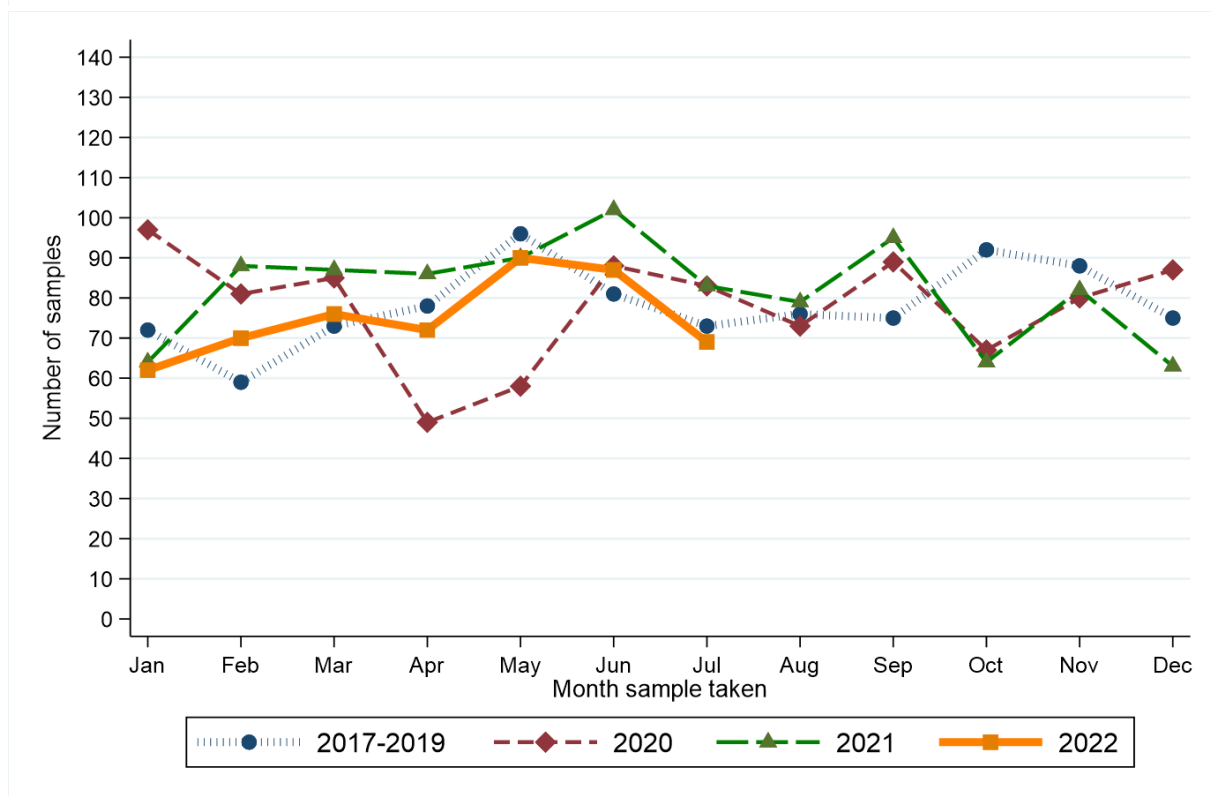
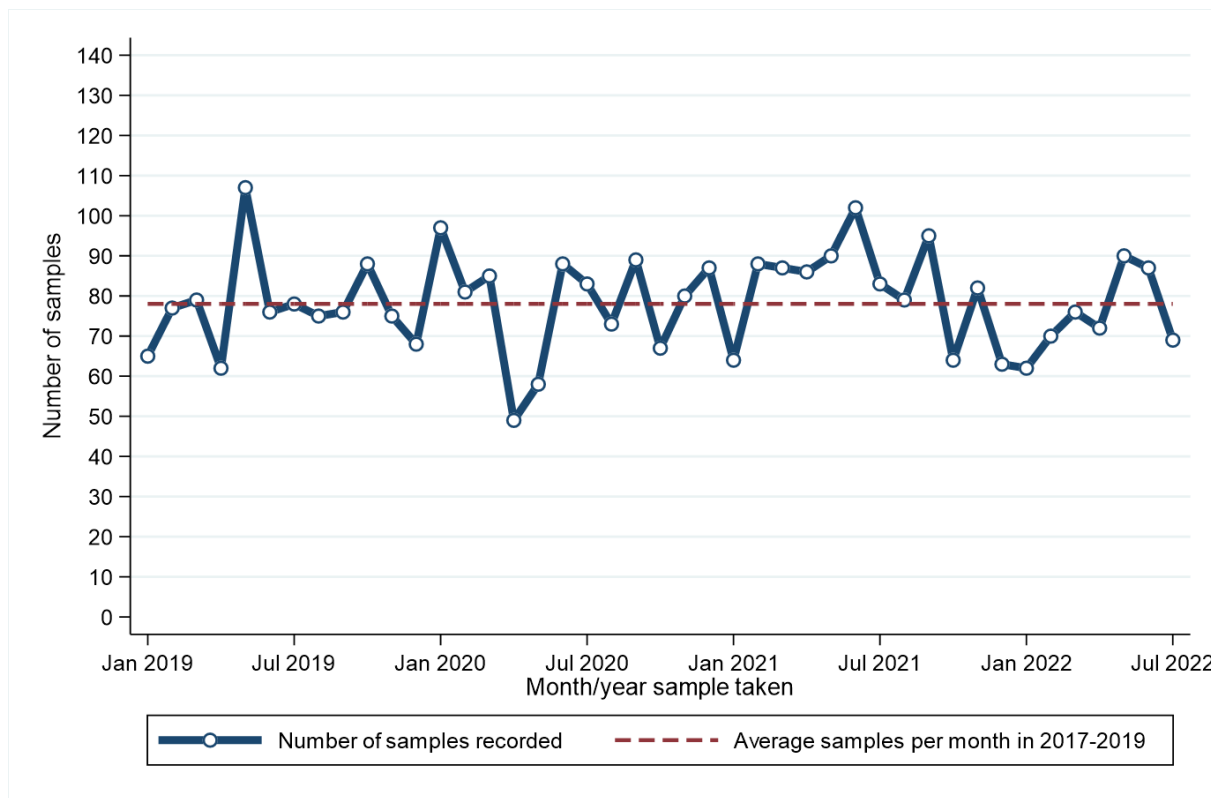
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# HAEMATOLOGICAL CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-0.4%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	72	97	64	62
Feb	59	81	88	70
Mar	73	85	87	76
Apr	78	49	86	72
May	96	58	90	90
Jun	81	88	102	87

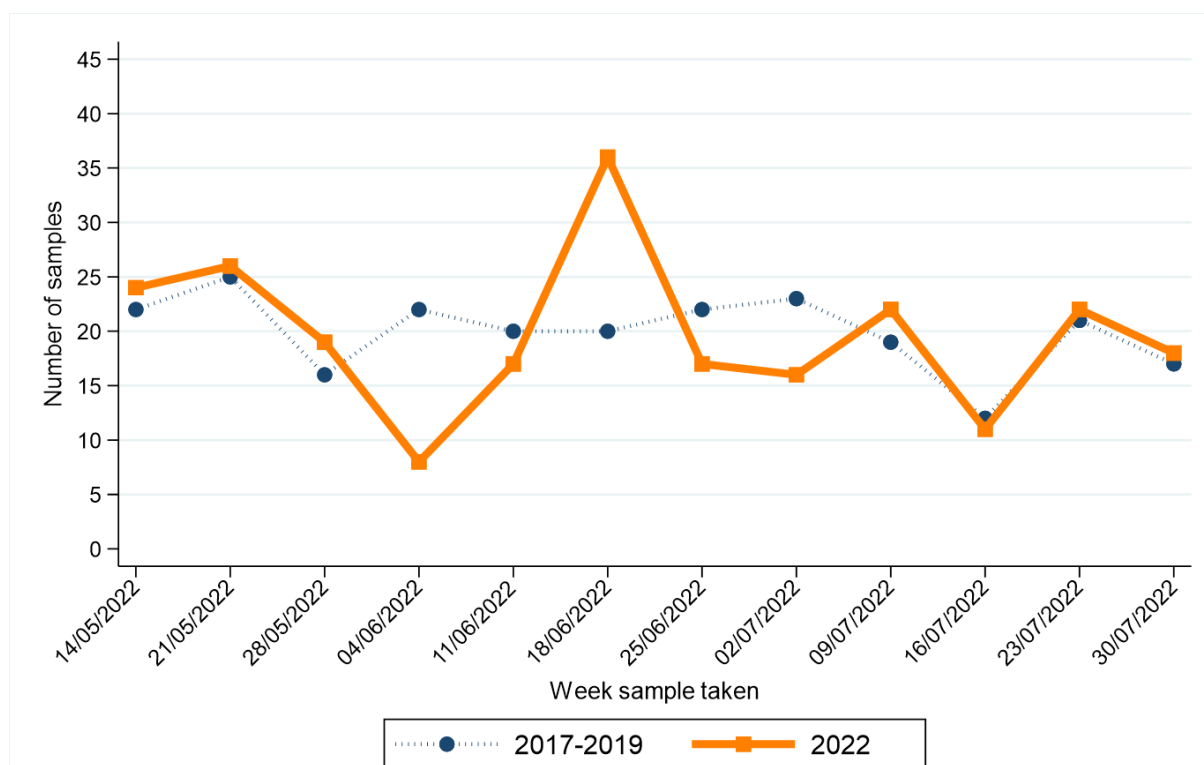
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	73	83	83	69
Aug	76	73	79	.
Sep	75	89	95	.
Oct	92	67	64	.
Nov	88	80	82	.
Dec	75	87	63	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-1.3%**



Week sample taken**	2017-2019*	2022
14/05/2022	22	24
21/05/2022	25	26
28/05/2022	16	19
04/06/2022	22	8
11/06/2022	20	17
18/06/2022	20	36

Week sample taken**	2017-2019*	2022
25/06/2022	22	17
02/07/2022	23	16
09/07/2022	19	22
16/07/2022	12	11
23/07/2022	21	22
30/07/2022	17	18

\* Average samples per year rounded to the nearest integer.

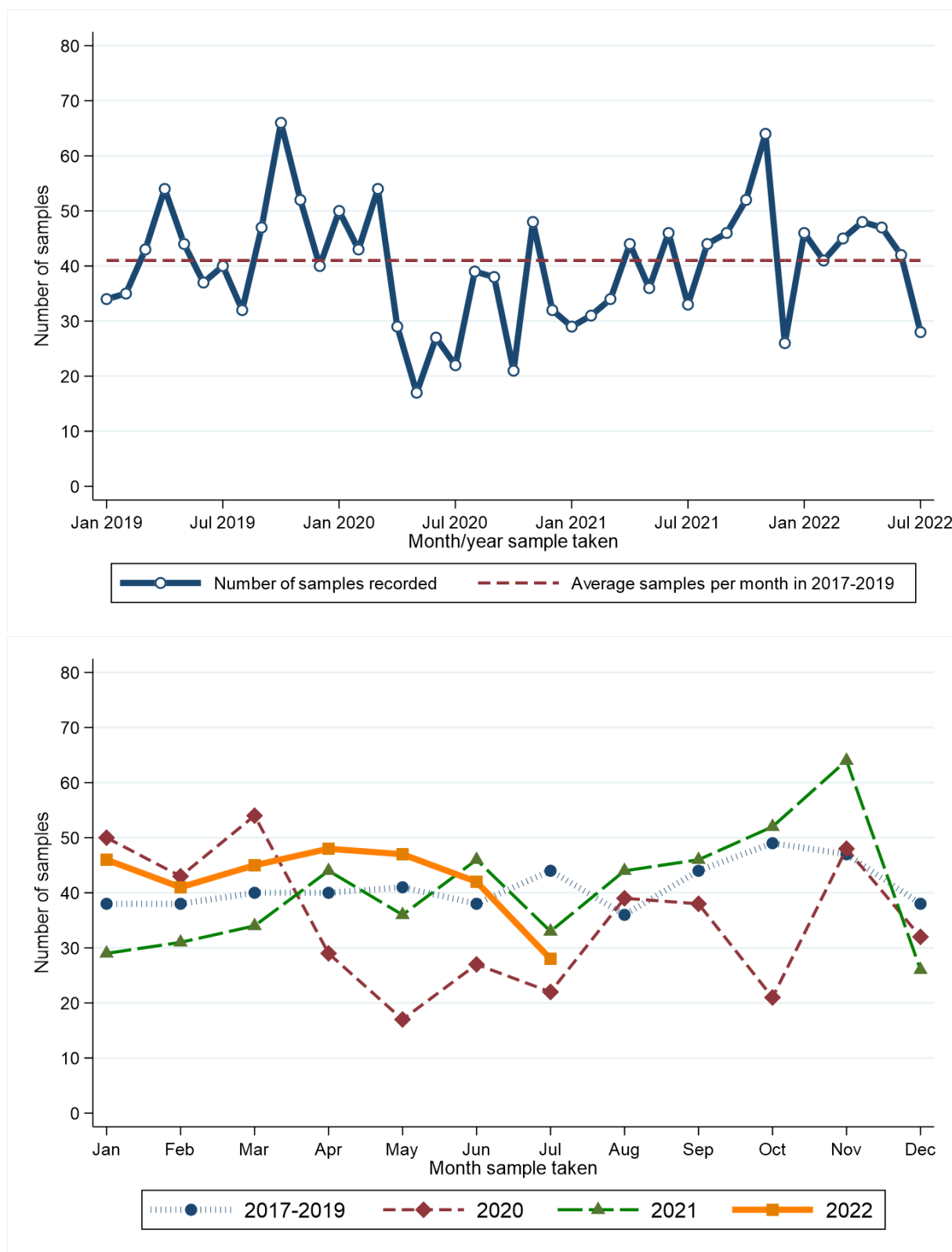
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# MELANOMA

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-6.7%**





Month sample taken**	2017-2019*	2020	2021	2022
Jan	38	50	29	46
Feb	38	43	31	41
Mar	40	54	34	45
Apr	40	29	44	48
May	41	17	36	47
Jun	38	27	46	42

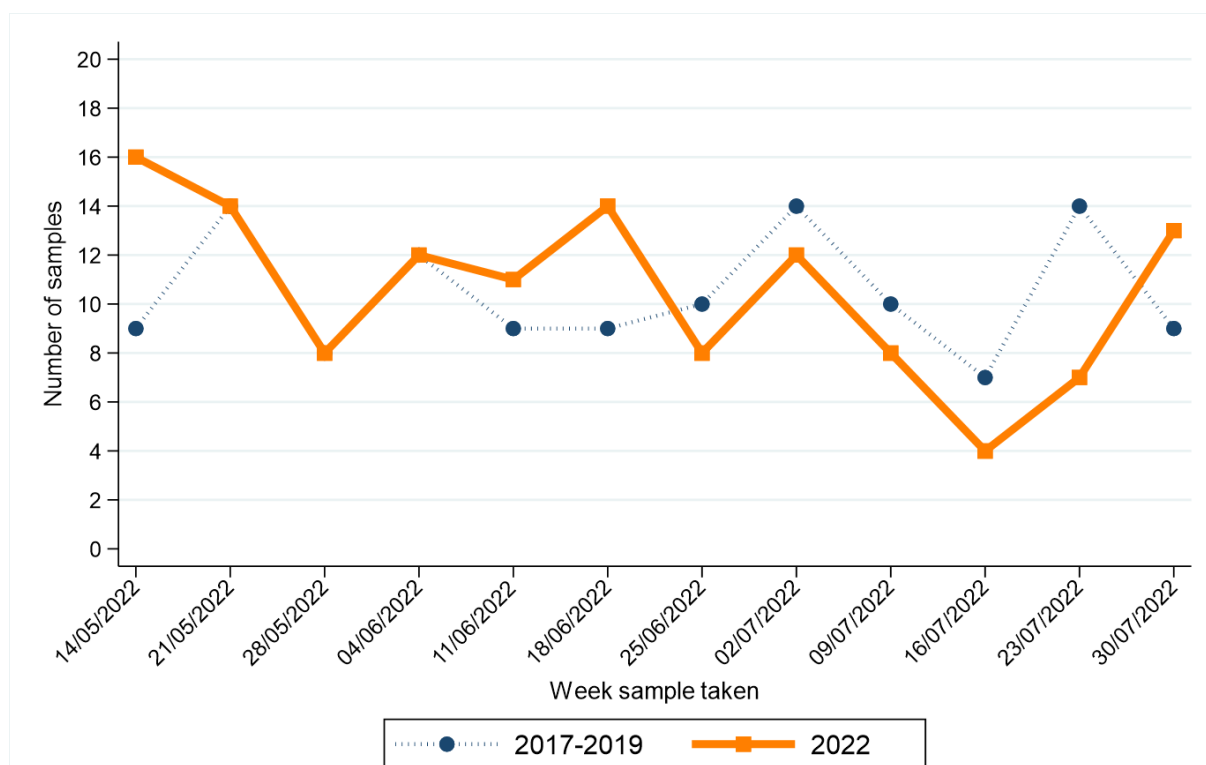
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	44	22	33	28
Aug	36	39	44	.
Sep	44	38	46	.
Oct	49	21	52	.
Nov	47	48	64	.
Dec	38	32	26	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**+1.6%**



Week sample taken**	2017-2019*	2022
14/05/2022	9	16
21/05/2022	14	14
28/05/2022	8	8
04/06/2022	12	12
11/06/2022	9	11
18/06/2022	9	14

Week sample taken**	2017-2019*	2022
25/06/2022	10	8
02/07/2022	14	12
09/07/2022	10	8
16/07/2022	7	4
23/07/2022	14	7
30/07/2022	9	13

\* Average samples per year rounded to the nearest integer.

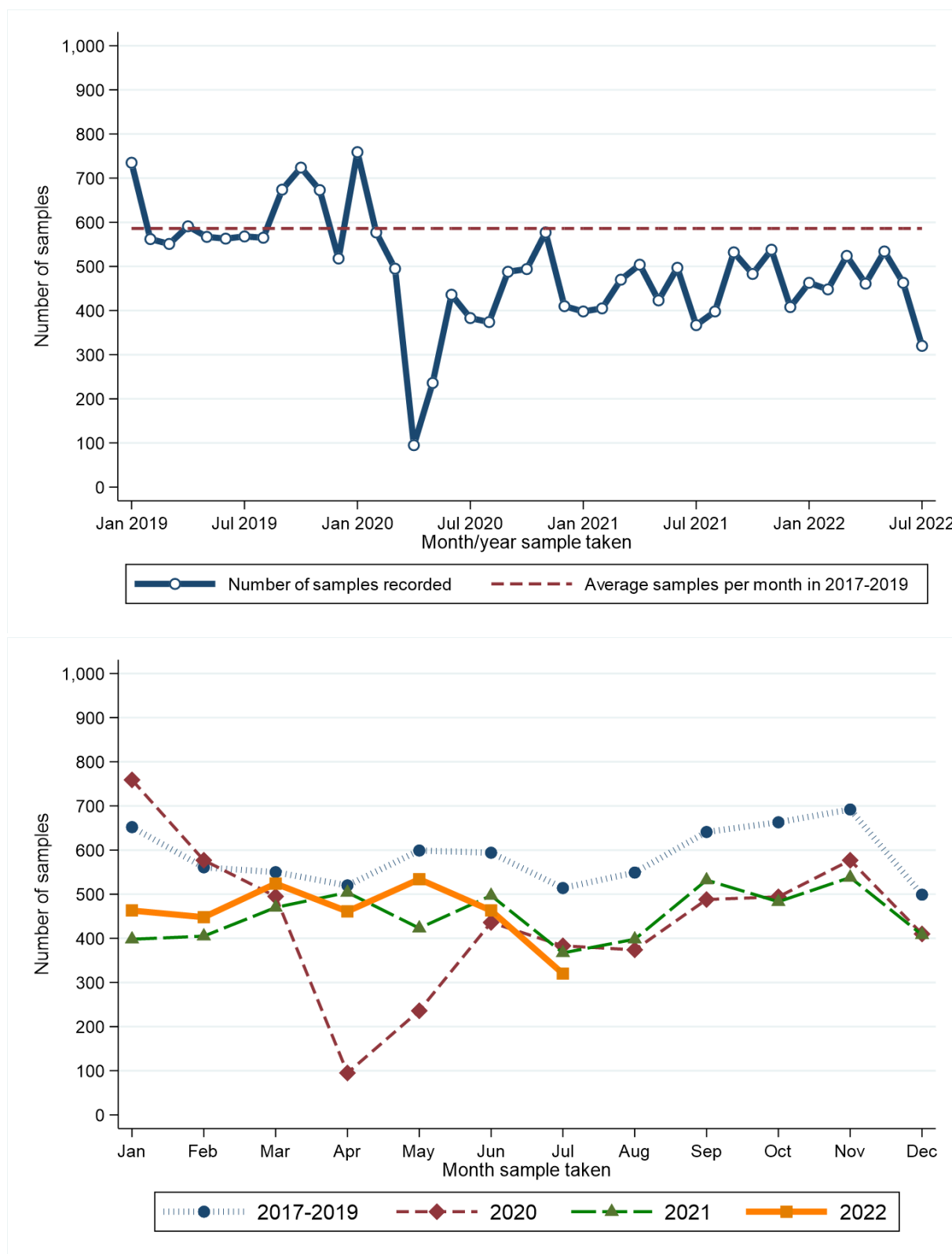
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# NON-MELANOMA SKIN CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**-25.1%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	652	759	398	463
Feb	561	577	405	448
Mar	550	495	470	524
Apr	520	95	504	461
May	599	236	423	534
Jun	594	436	497	463

\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	514	383	367	320
Aug	549	374	398	.
Sep	641	488	532	.
Oct	663	494	483	.
Nov	692	577	538	.
Dec	499	410	408	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**-19.8%**



Week sample taken**	2017-2019*	2022
14/05/2022	186	167
21/05/2022	168	160
28/05/2022	127	138
04/06/2022	188	84
11/06/2022	158	124
18/06/2022	168	161

\* Average samples per year rounded to the nearest integer.

\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

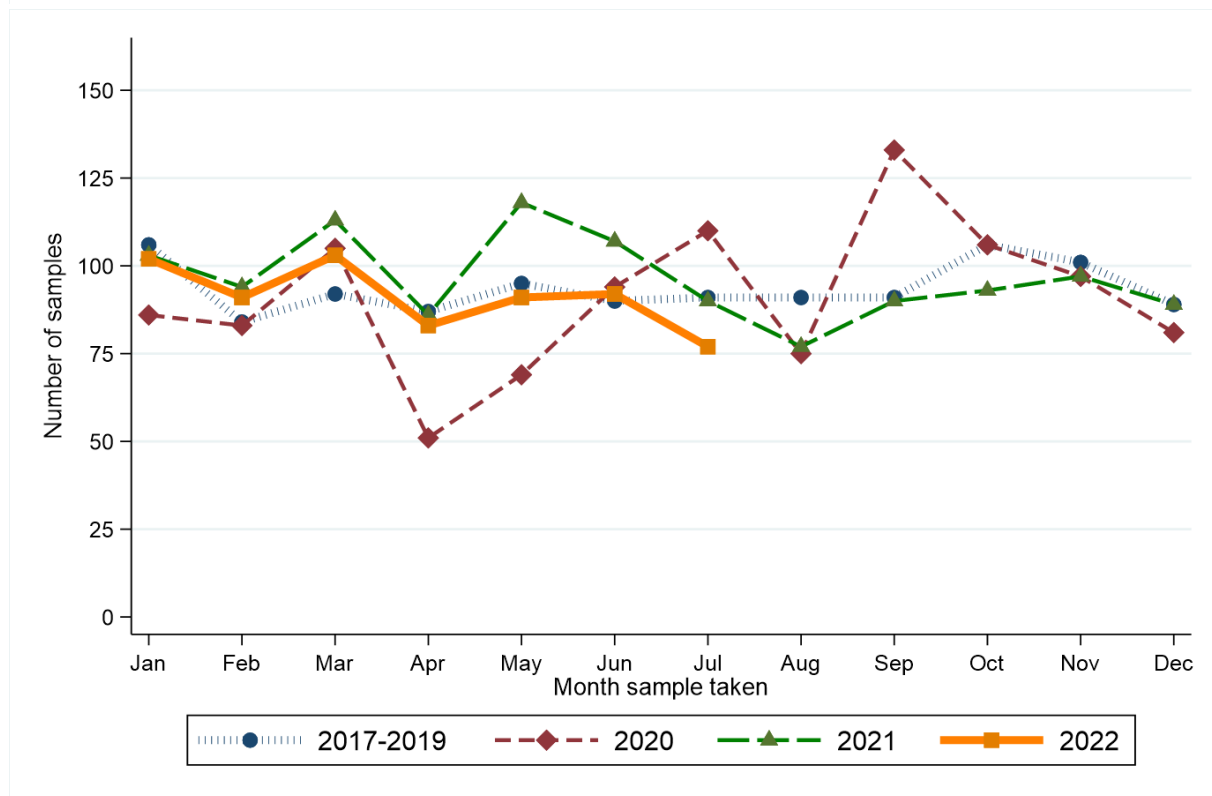
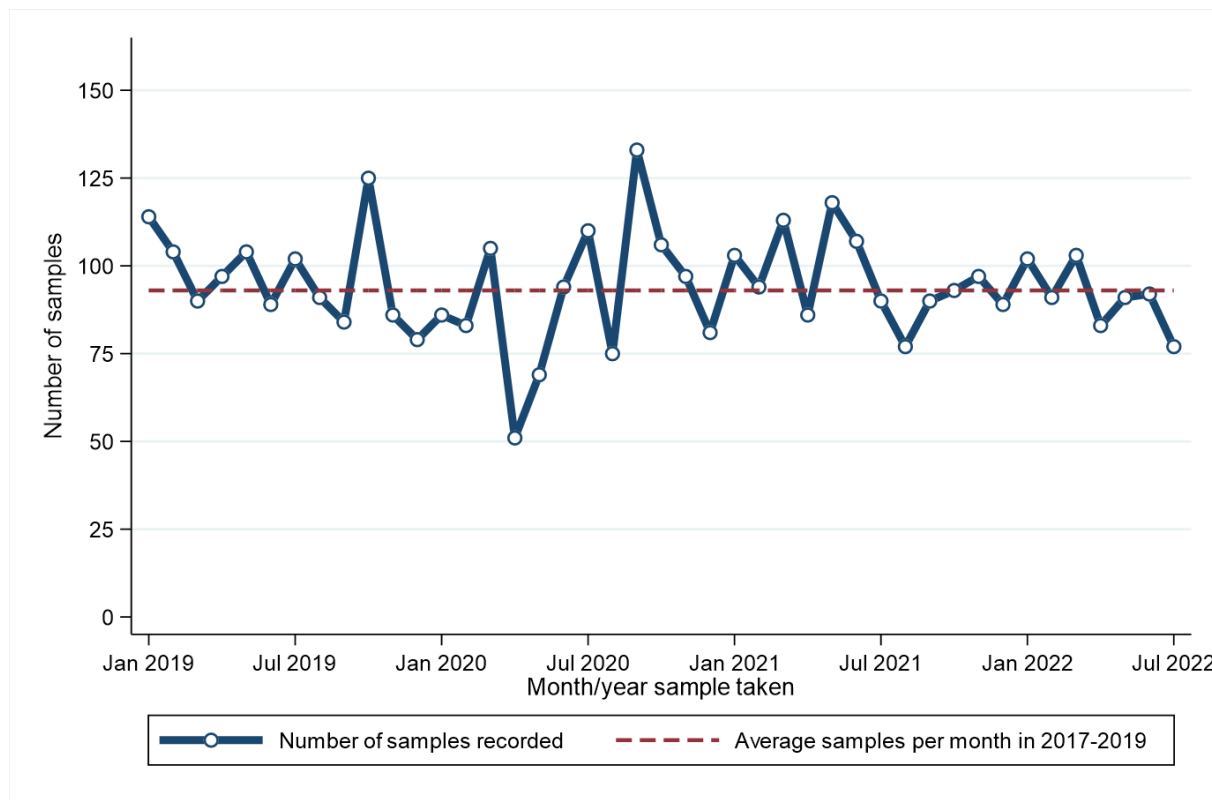
Week sample taken**	2017-2019*	2022
25/06/2022	158	149
02/07/2022	150	137
09/07/2022	108	78
16/07/2022	144	78
23/07/2022	148	117
30/07/2022	155	97

# OTHER CANCER

## CHANGE IN NUMBER OF SAMPLES SINCE MARCH 2020 - Excluding Altnagelvin

Percentage change from March 2020 to July 2022 compared to expected number based on 2017-2019 average

**+0.6%**



Month sample taken**	2017-2019*	2020	2021	2022
Jan	106	86	103	102
Feb	84	83	94	91
Mar	92	105	113	103
Apr	87	51	86	83
May	95	69	118	91
Jun	90	94	107	92

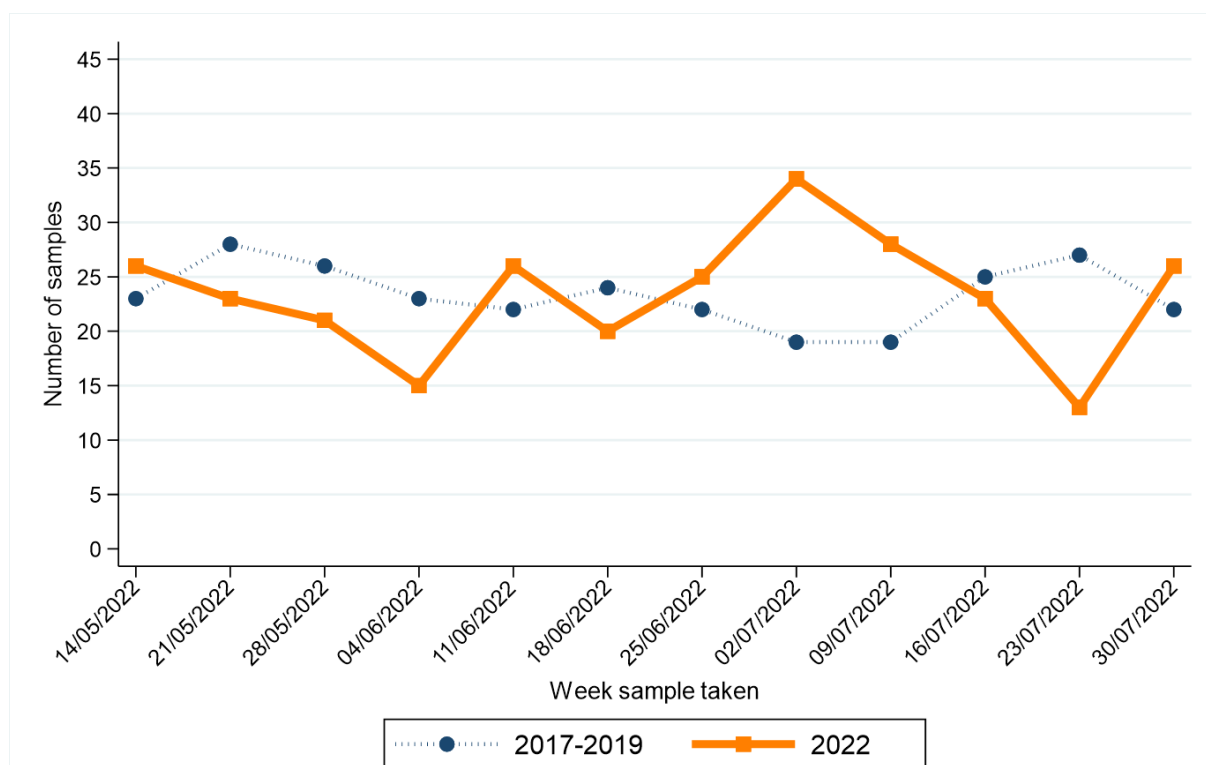
\* Average samples per year rounded to the nearest integer.

Month sample taken**	2017-2019*	2020	2021	2022
Jul	91	110	90	77
Aug	91	75	77	.
Sep	91	133	90	.
Oct	106	106	93	.
Nov	101	97	97	.
Dec	89	81	89	.

### RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 30/07/2022 compared to expected number based on 2017-2019 average

**0.0%**



Week sample taken**	2017-2019*	2022
14/05/2022	23	26
21/05/2022	28	23
28/05/2022	26	21
04/06/2022	23	15
11/06/2022	22	26
18/06/2022	24	20

Week sample taken**	2017-2019*	2022
25/06/2022	22	25
02/07/2022	19	34
09/07/2022	19	28
16/07/2022	25	23
23/07/2022	27	13
30/07/2022	22	26

\* Average samples per year rounded to the nearest integer.

\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

1. NMSC: Non-melanoma skin cancer

2. Data is sourced from the four NHS pathology laboratories in Northern Ireland (Altnagelvin, Antrim, Belfast, Craigavon), which is provided to the NI Cancer Registry on a monthly basis. It does not include information on pathology samples processed by private laboratories.

3. Figures represent the number of pathology samples that indicated a malignant tumour and had this result coded and recorded by the end of July 2022. Due to potential reporting delays, pathology data from the month following July 2022 are used in compiling the presented results.

4. Assignment of week number is based upon a Sunday to Saturday week. The week ending label used in graphs and tables is based upon the date of the end of the week (a Saturday) in 2021-2022. This is compared with the equivalent Sunday-Saturday week in 2017-2019, although the actual date ending this week in 2017-2019 will differ.

5. Cancer types are defined as follows:

**Bowel cancer:** Includes colon, rectum and rectosigmoid junction (ICD10 codes: C18-C20).

**Lung cancer:** Includes lung and trachea (ICD10 codes: C33-C34).

**Breast cancer:** Includes female breast only (ICD10 codes: C50).

**Prostate cancer:** (ICD10 codes: C61).

**Gynaecological cancer:** Includes uterus, ovary, cervix, vulva, vagina, placenta and other female genital (ICD10 codes: C51-C58).

**Upper GI cancer:** Includes oesophagus and stomach (ICD10 codes: C15, C16).

**Head and neck cancer:** Includes lip, tongue, mouth, parotid & salivary glands, tonsil, oropharynx, nasopharynx, pyriform sinus, hypopharynx, nasal cavity, middle ear, sinuses and larynx (ICD10 codes: C00-C14, C30-C32).

**Urinary cancer:** Includes kidney, renal pelvis, ureter, bladder and other urinary (ICD10 codes: C64-C68).

**Haematological cancer:** Includes lymphoma (all types), leukaemia (all types), myeloma, malignant immunoproliferative disease and other lymphoid and haematopoietic (ICD10 codes: C81-C96).

**Melanoma:** (ICD10 code: C43).

**Non-melanoma skin cancer (NMSC):** (ICD10 code: C44).

**Other cancer:** Includes cancers of small intestine, anus, liver, gallbladder, thymus, bone, mesothelioma, soft tissue, penis, testis, eye, brain, endocrine system and thyroid (ICD10 codes: C16, C21-C26, C37-C41, C45-C49, C60, C62, C63, C69-C75). Excludes cancer of unknown primary.