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

June 2023 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: June 2023

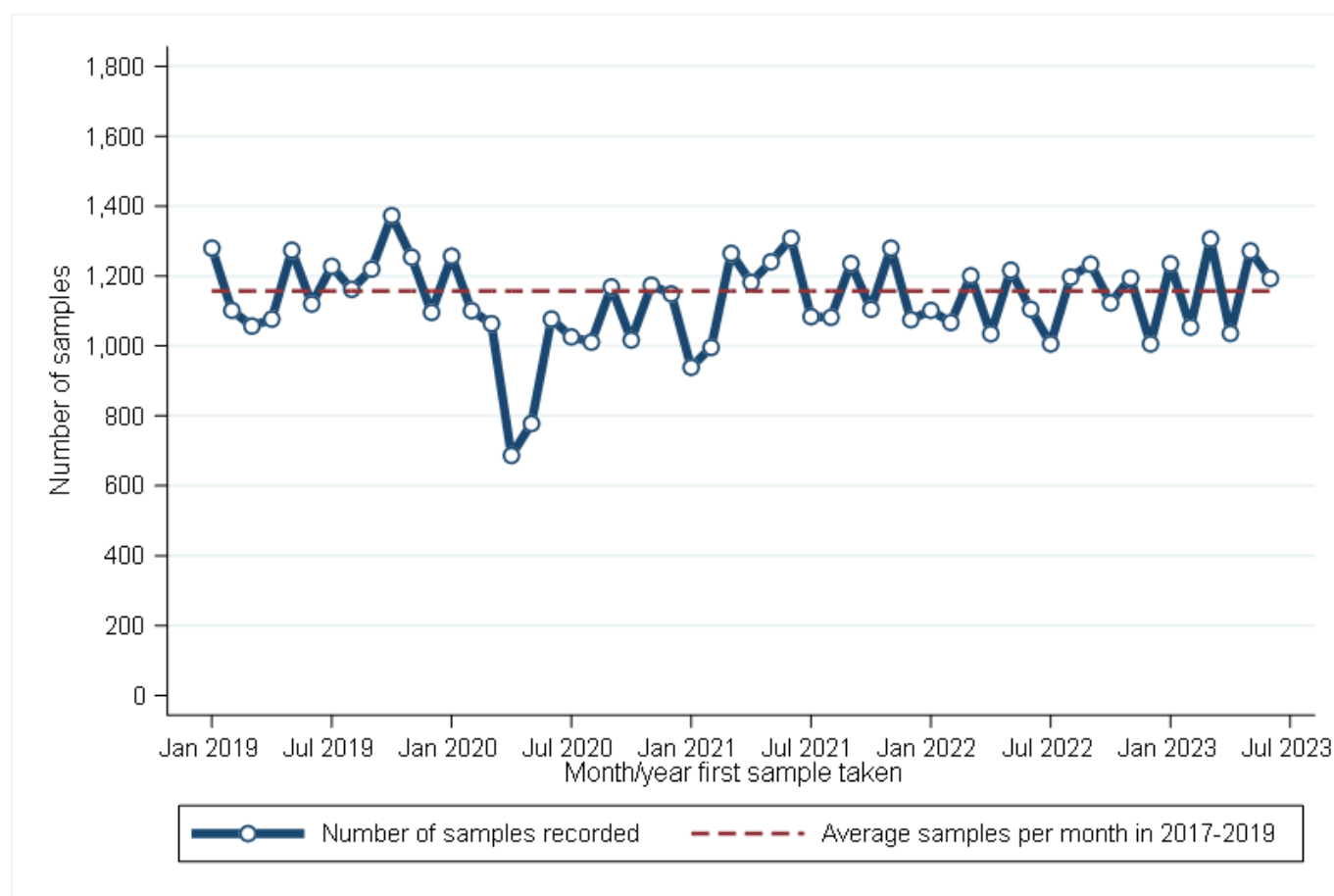
This summary provides an overview of recent trends in the number of pathology samples indicating cancer (excluding non-melanoma skin cancer, NMSC) taken from March 2020 to June 2023 in Northern Ireland.

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.

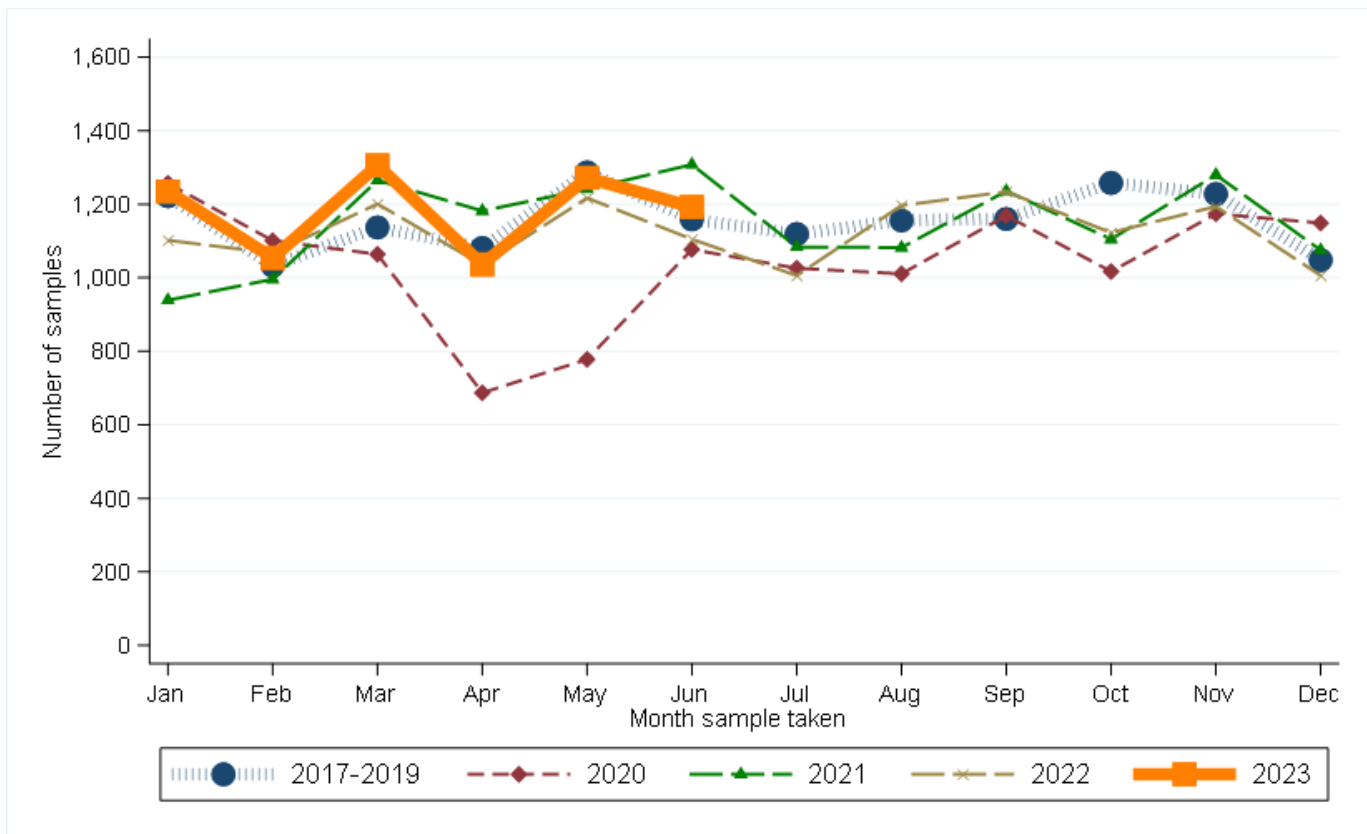
Data are sourced from the four NHS pathology laboratories in NI (Belfast, Altnagelvin, Antrim, Craigavon), which are usually provided to NICR on a monthly basis. **Altnagelvin laboratory is excluded from some analysis as a change in recording systems led to an undercount in the number of reported samples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

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

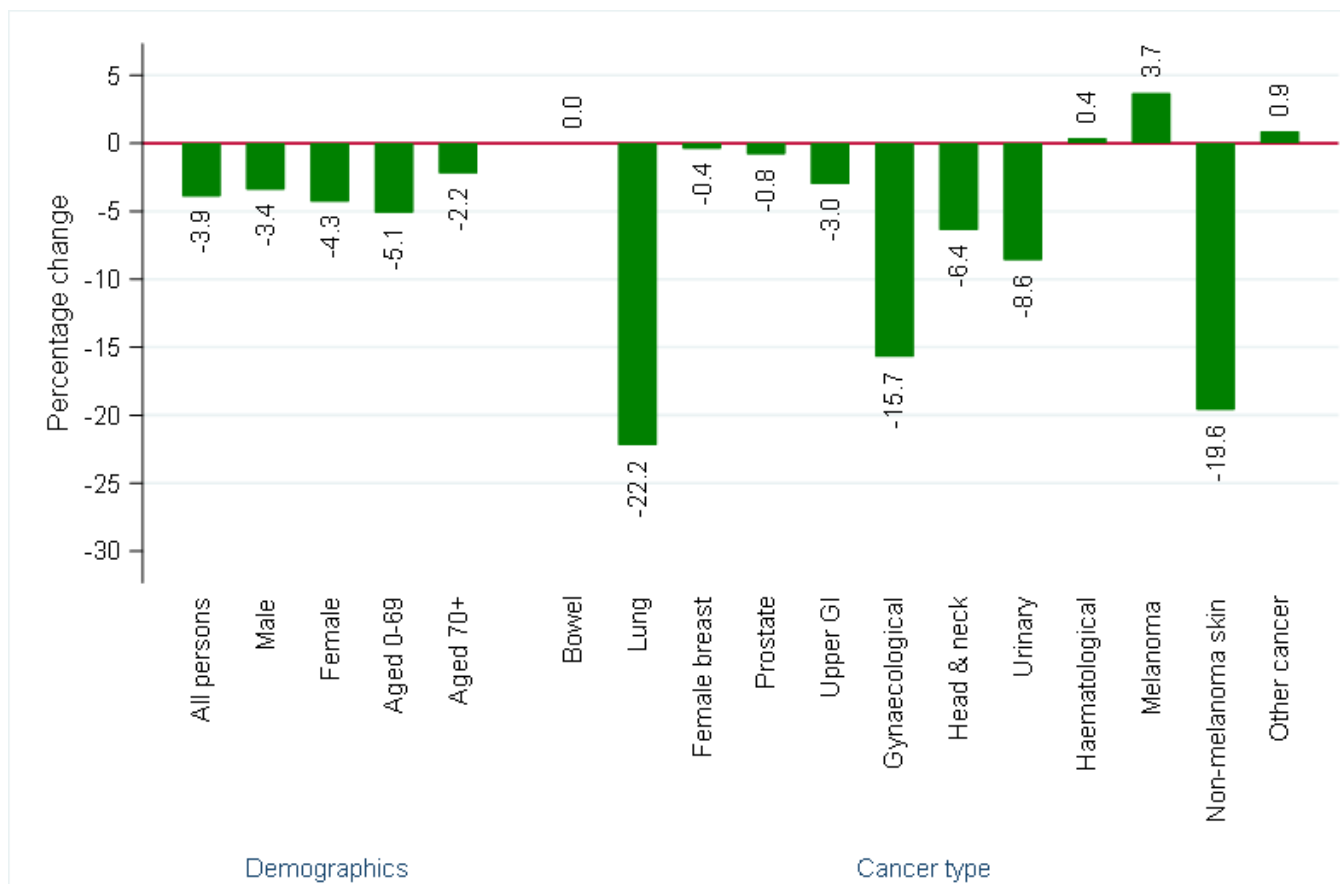
From March 2020 to June 2023 the number of pathological samples indicating cancer (ex NMSC) was 3.9% lower than the average number for the same time period in 2017-2019.



From March 2020 to June 2023 there was a 3.4% decrease in the number of samples among males and a 4.3% decrease among females compared to the same time period in 2017-2019. A decrease of 5.1% occurred in the number of samples among those aged 0-69 years, while there was a decrease of 2.2% in the number of samples among those aged 70 and older.

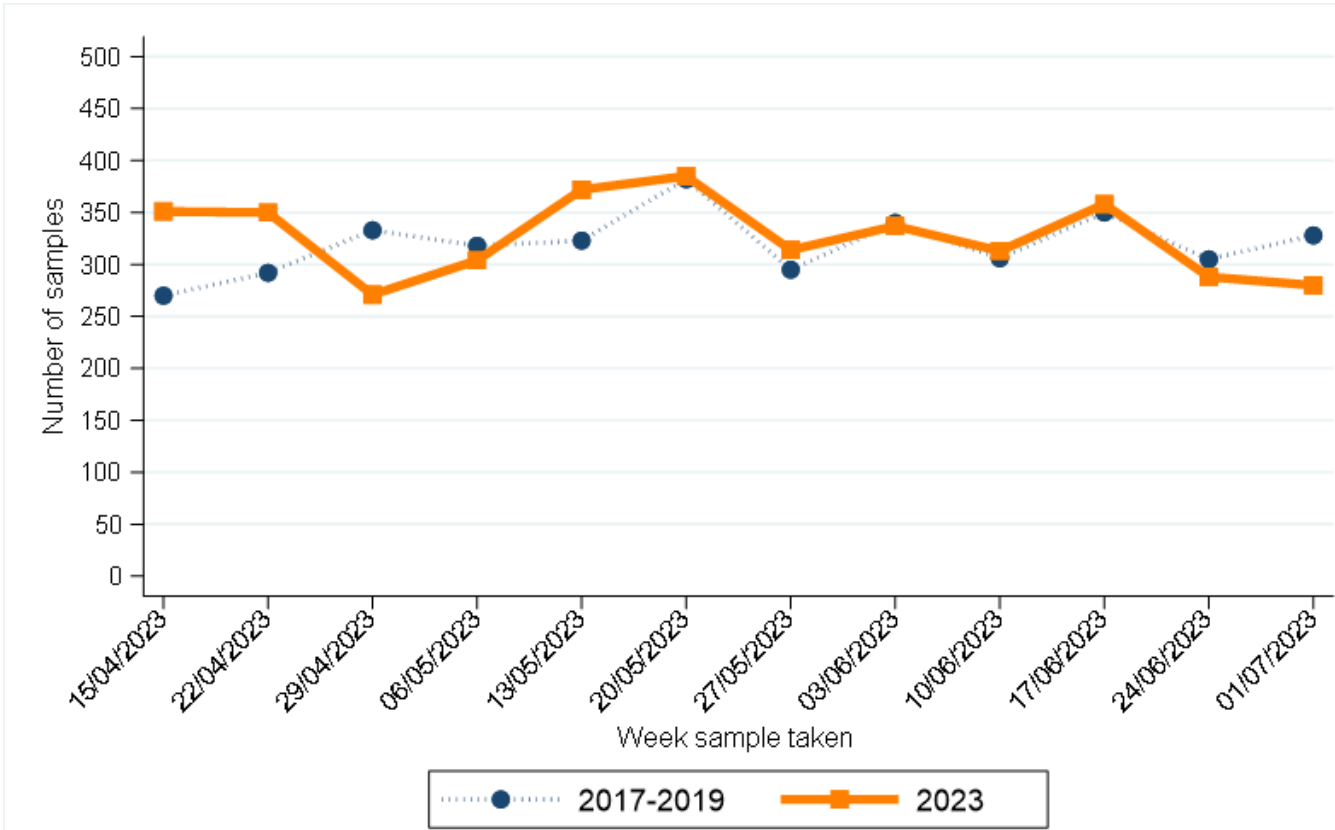


Compared to the annual average in 2017-2019, from March 2020 to June 2023 the number of pathology samples indicating lung cancer decreased by 22.2%. Increases were recorded for haematological cancer and melanoma, while decreases of more than 10% were recorded for gynaecological cancer and non-melanoma skin cancer.

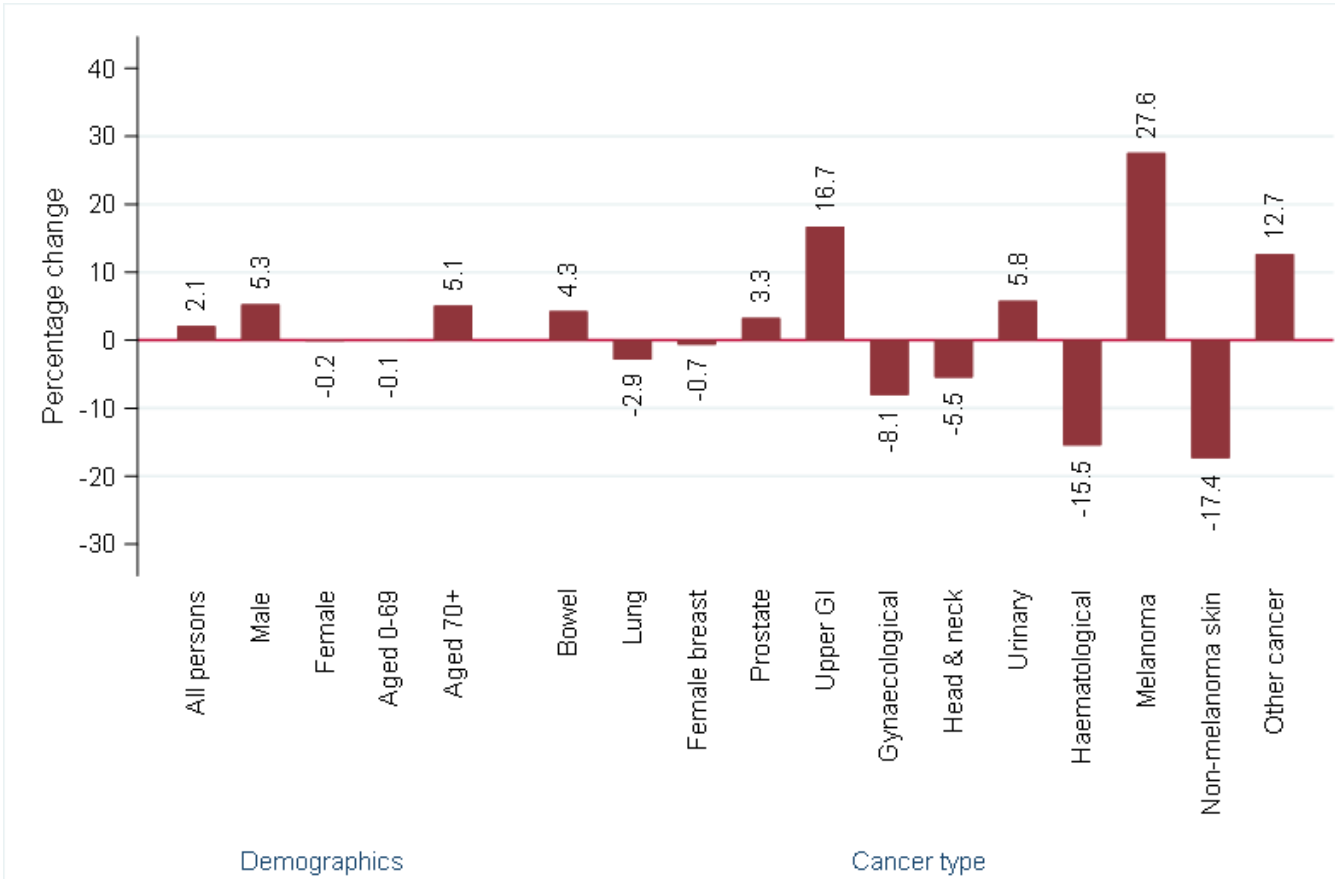


**RECENT CHANGES IN THE NUMBER OF SAMPLES** *(Includes Altnagelvin)*

There was a 2.1% increase in the number of pathology samples indicating cancer in the twelve weeks up to 01/07/2023 compared to the average value in the equivalent weeks in 2017-2019.



Note: Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years



In the twelve weeks up to 01/07/2023 there was a 5.3% increase in the number of samples among males and a 0.2% decrease among females compared to the same time period in 2017-2019. A decrease of 0.1% occurred in the number of samples among those aged 0-69 years, while there was an increase of 5.1% in the number of samples among those aged 70 and older.

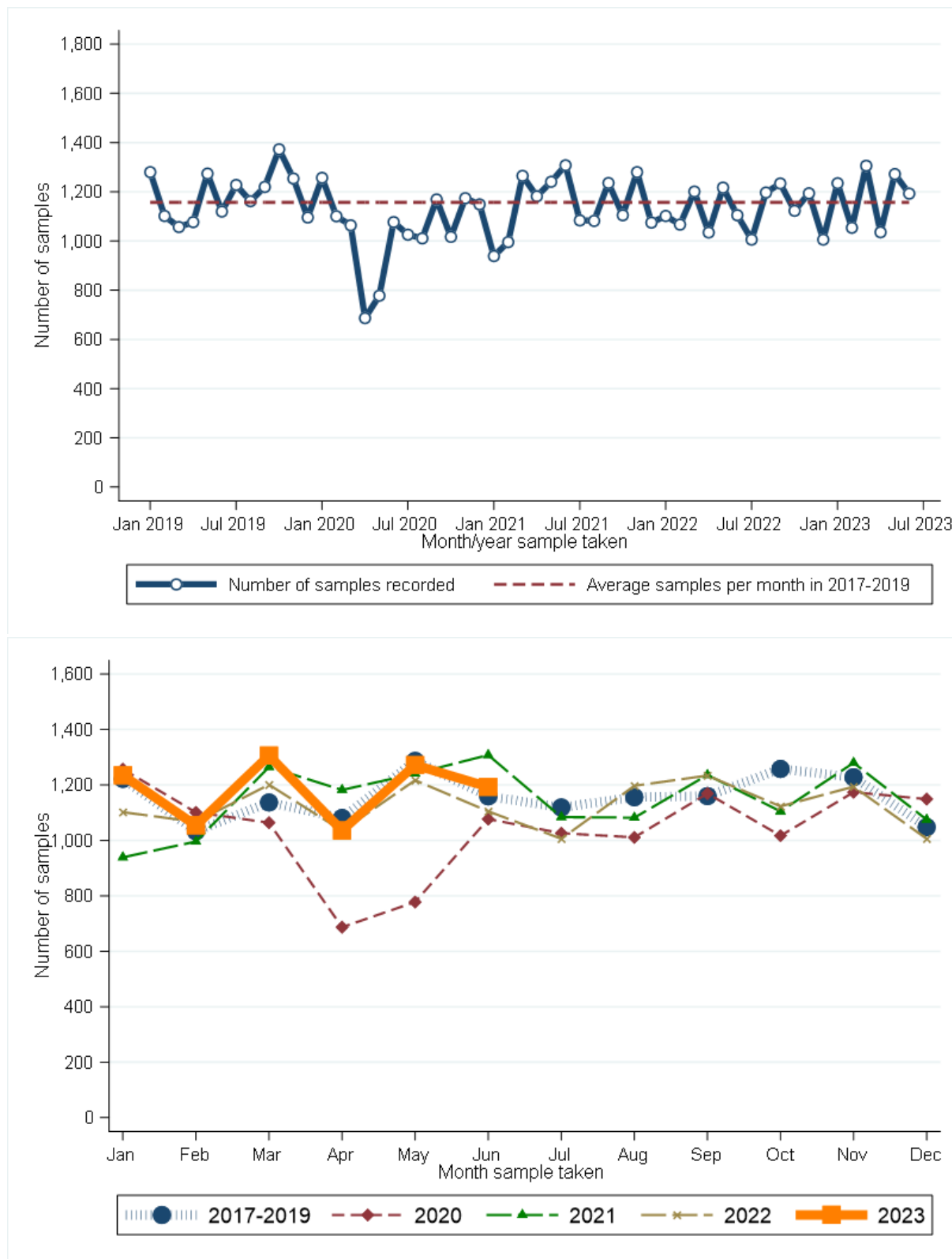
Compared to the annual average in 2017-2019, in the twelve weeks up to 01/07/2023 the number of pathology samples indicating lung cancer decreased by 2.9%. Increases were recorded for bowel cancer, prostate cancer, upper gastrointestinal cancer, urinary cancer and melanoma, while decreases of more than 10% were recorded for haematological 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 June 2023 compared to expected number based on 2017-2019 average

**-3.9%**



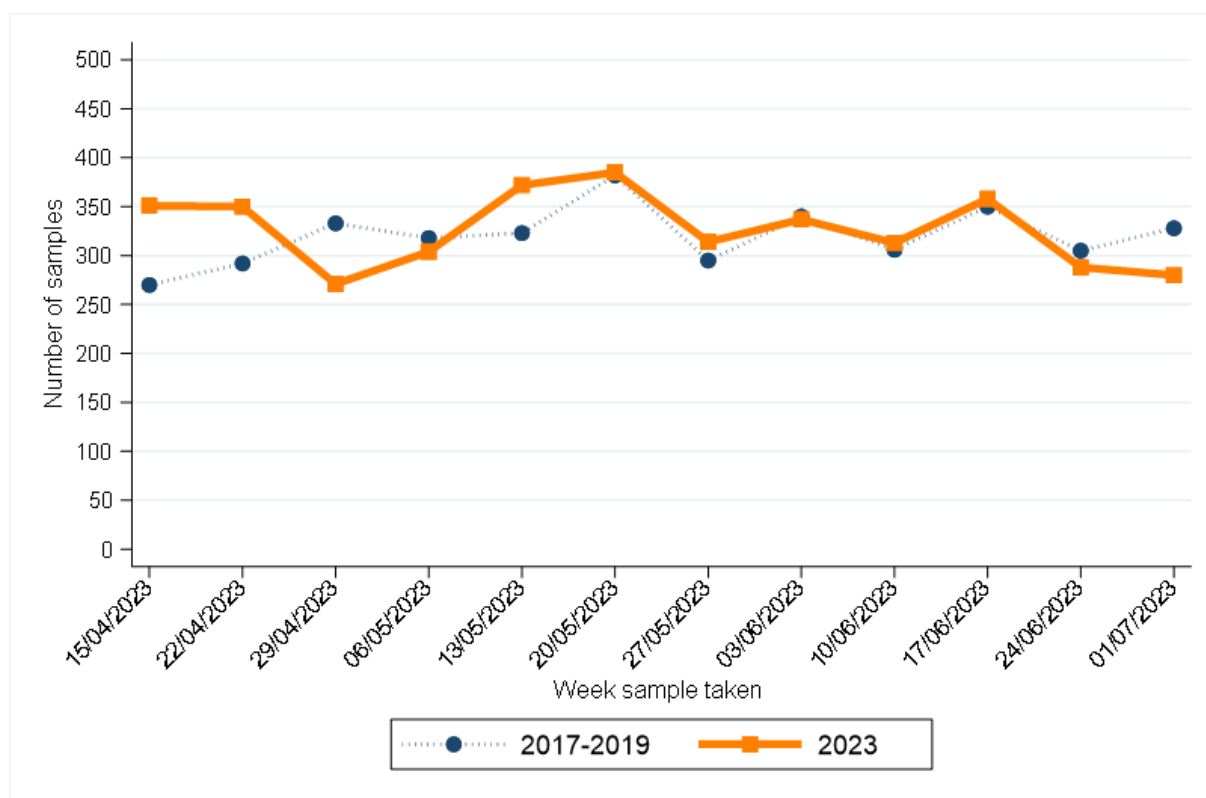
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	1,222	1,257	939	1,102	1,235	Jul	1,119	1,026	1,084	1,006	.
Feb	1,033	1,101	996	1,067	1,054	Aug	1,156	1,011	1,082	1,197	.
Mar	1,137	1,064	1,265	1,201	1,306	Sep	1,160	1,169	1,236	1,234	.
Apr	1,081	687	1,182	1,035	1,036	Oct	1,258	1,017	1,105	1,123	.
May	1,287	778	1,241	1,217	1,272	Nov	1,228	1,174	1,280	1,194	.
Jun	1,159	1,077	1,308	1,105	1,193	Dec	1,048	1,149	1,075	1,006	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+2.1%**



Week sample taken**	2017-2019*	2023
15/04/2023	270	351
22/04/2023	292	350
29/04/2023	333	271
06/05/2023	318	304
13/05/2023	323	372
20/05/2023	382	385

Week sample taken**	2017-2019*	2023
27/05/2023	295	314
03/06/2023	340	337
10/06/2023	306	313
17/06/2023	350	358
24/06/2023	305	288
01/07/2023	328	280

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

\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

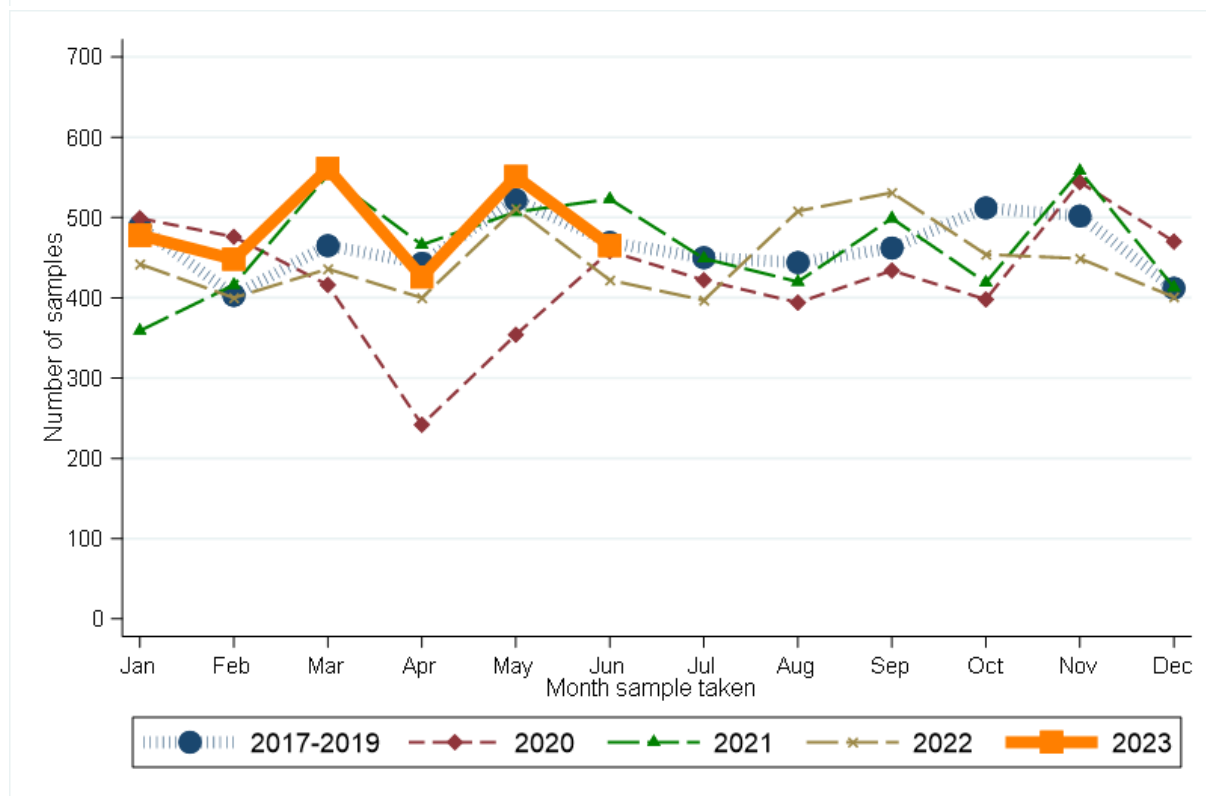
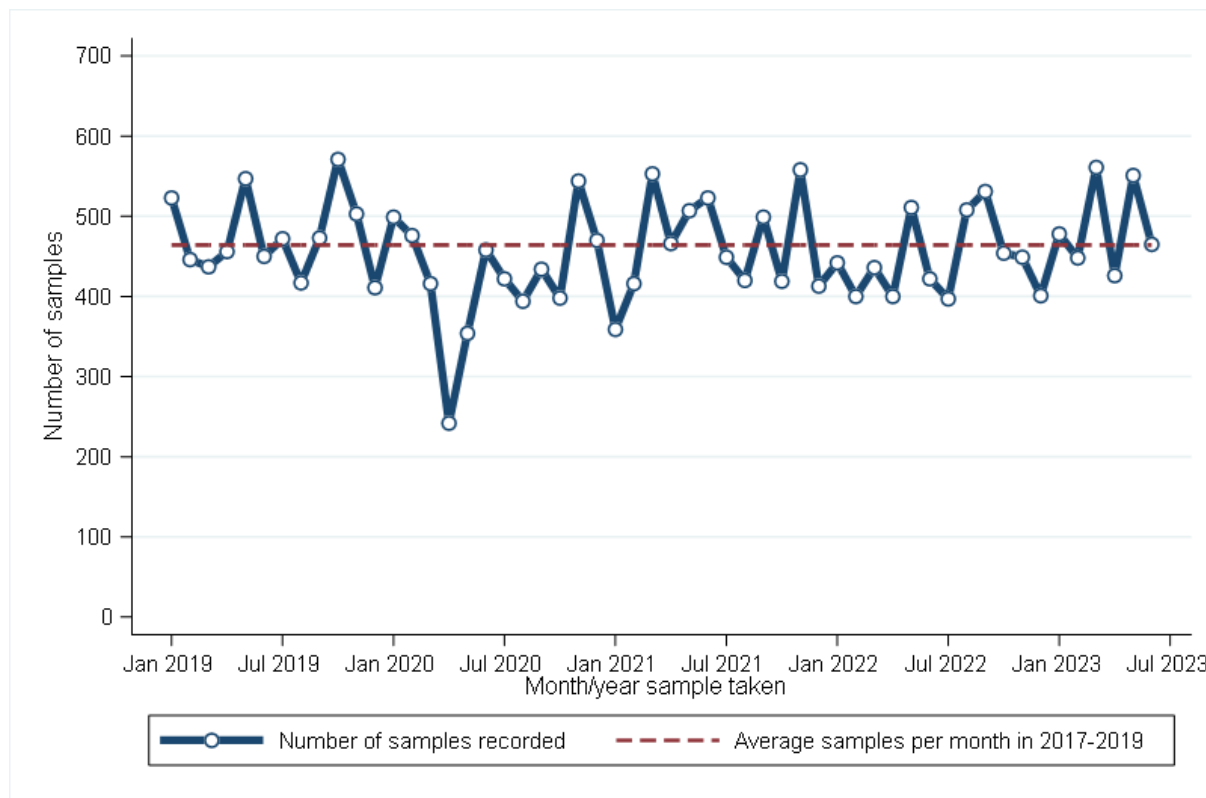


# MALE: CANCER (EX NMSC)

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-3.4%**



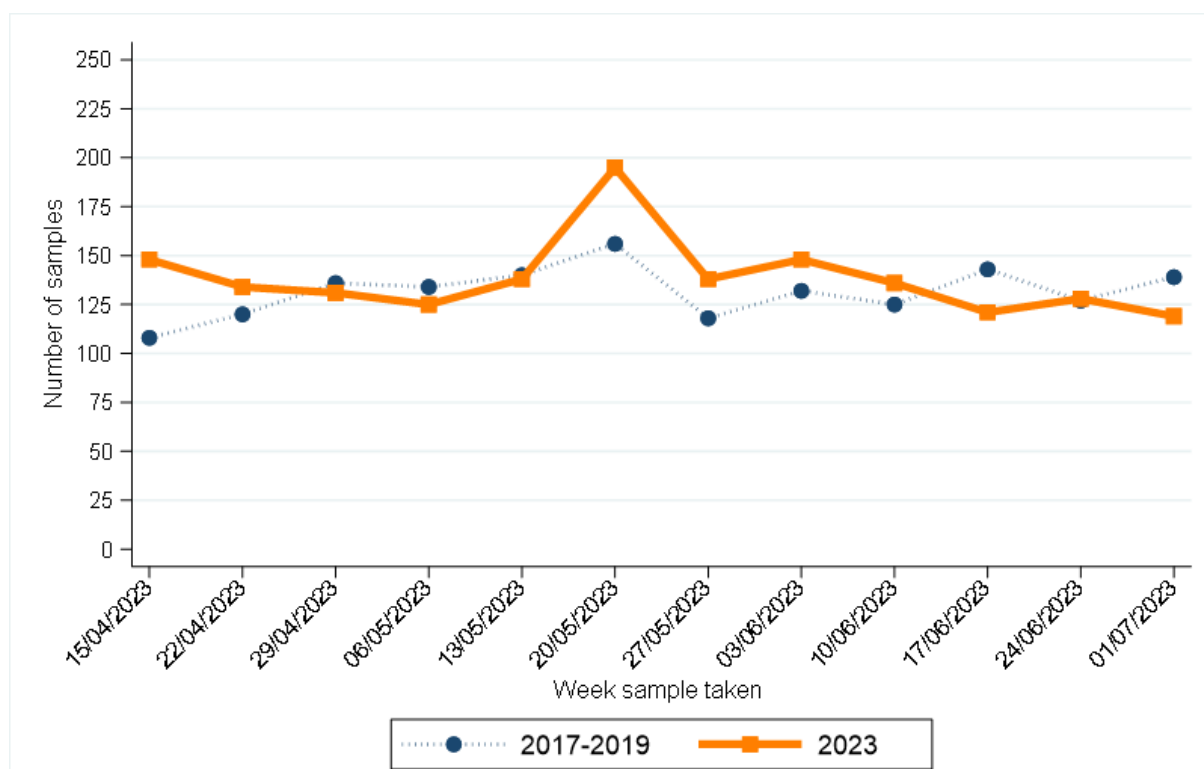
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	489	499	359	442	478	Jul	450	422	449	397	.
Feb	403	476	416	400	448	Aug	444	394	420	508	.
Mar	465	416	553	436	561	Sep	462	434	499	531	.
Apr	443	242	466	400	426	Oct	512	398	419	454	.
May	522	354	507	511	551	Nov	502	544	558	449	.
Jun	469	458	523	422	465	Dec	412	470	413	401	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+5.3%**



Week sample taken**	2017-2019*	2023	Week sample taken**	2017-2019*	2023
15/04/2023	108	148	27/05/2023	118	138
22/04/2023	120	134	03/06/2023	132	148
29/04/2023	136	131	10/06/2023	125	136
06/05/2023	134	125	17/06/2023	143	121
13/05/2023	140	138	24/06/2023	127	128
20/05/2023	156	195	01/07/2023	139	119

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

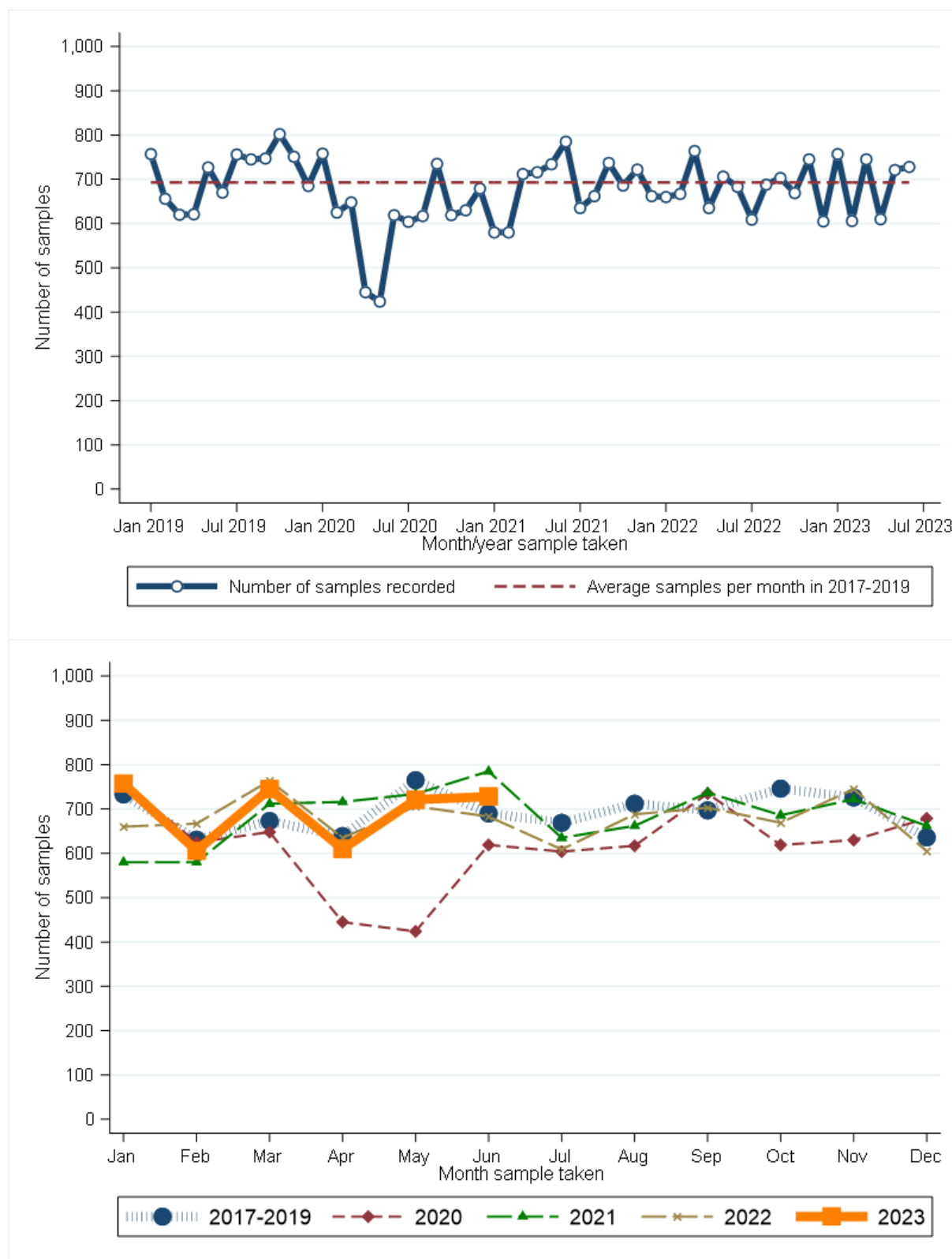
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# FEMALE: CANCER (EX NMSC)

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-4.3%**



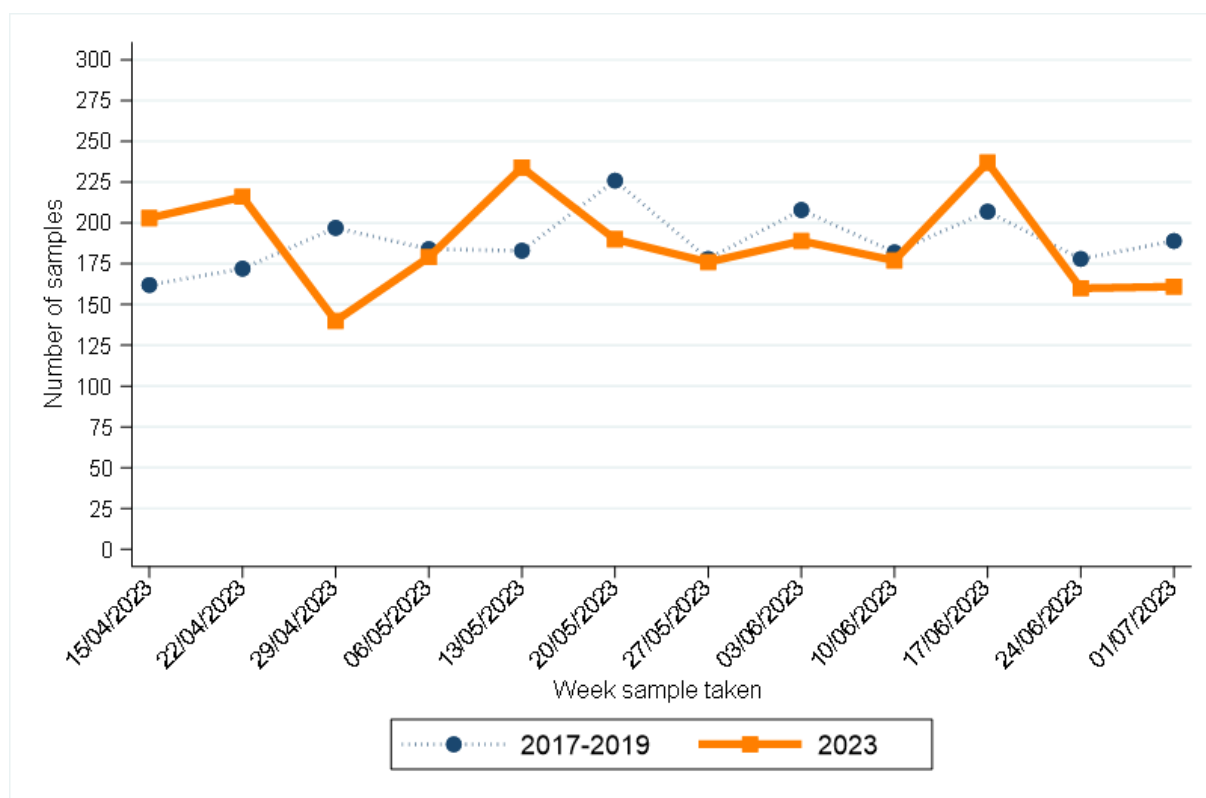
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	733	758	580	660	757	Jul	669	604	635	609	.
Feb	631	625	580	667	606	Aug	712	617	662	688	.
Mar	673	648	712	764	745	Sep	697	735	737	703	.
Apr	639	445	716	635	610	Oct	746	619	686	669	.
May	765	424	734	706	721	Nov	726	630	722	745	.
Jun	690	619	785	683	728	Dec	636	679	662	605	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**-0.2%**



Week sample taken**	2017-2019*	2023
15/04/2023	162	203
22/04/2023	172	216
29/04/2023	197	140
06/05/2023	184	179
13/05/2023	183	234
20/05/2023	226	190

Week sample taken**	2017-2019*	2023
27/05/2023	178	176
03/06/2023	208	189
10/06/2023	182	177
17/06/2023	207	237
24/06/2023	178	160
01/07/2023	189	161

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

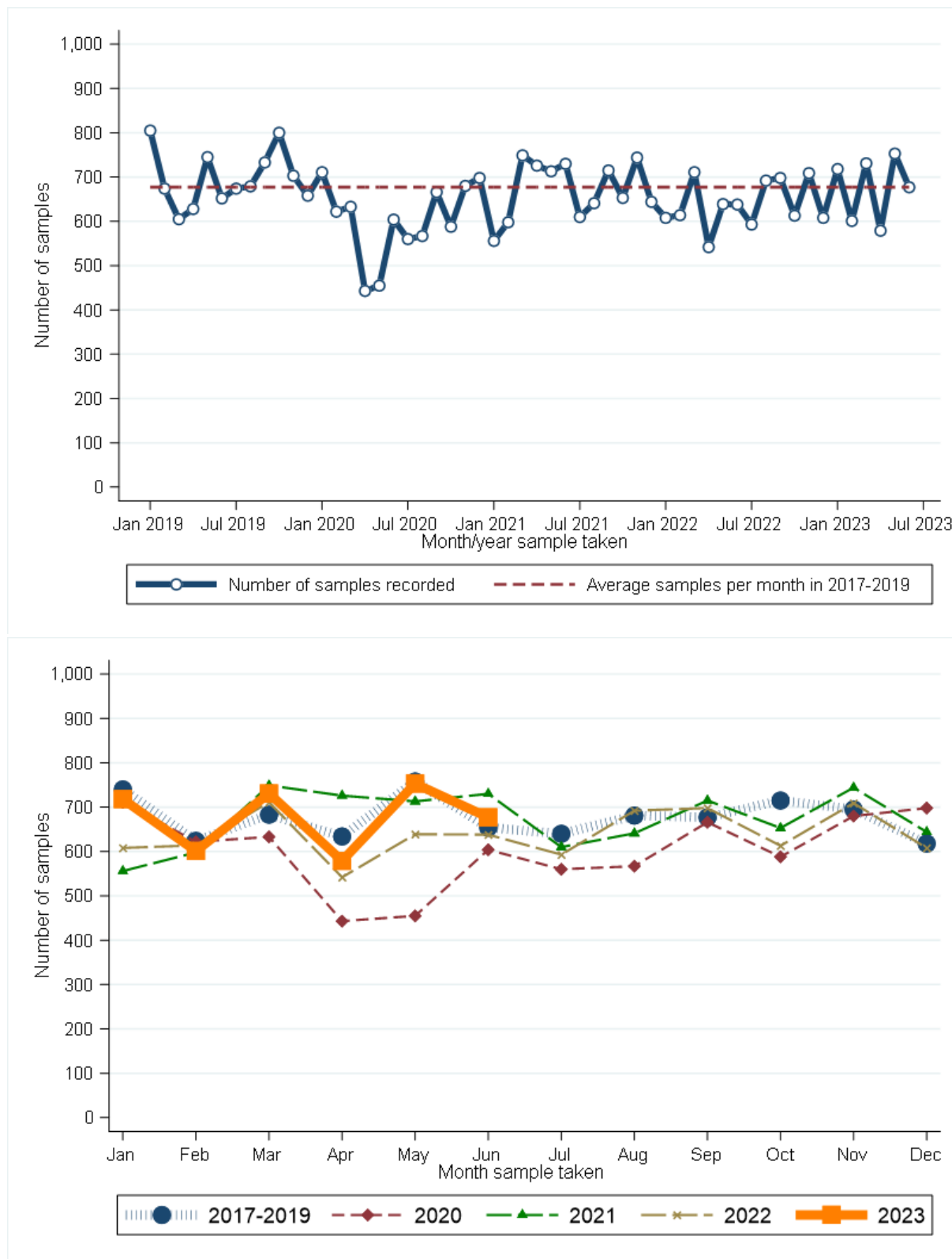
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# AGED 0-69: CANCER (EX NMSC)

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-5.1%**



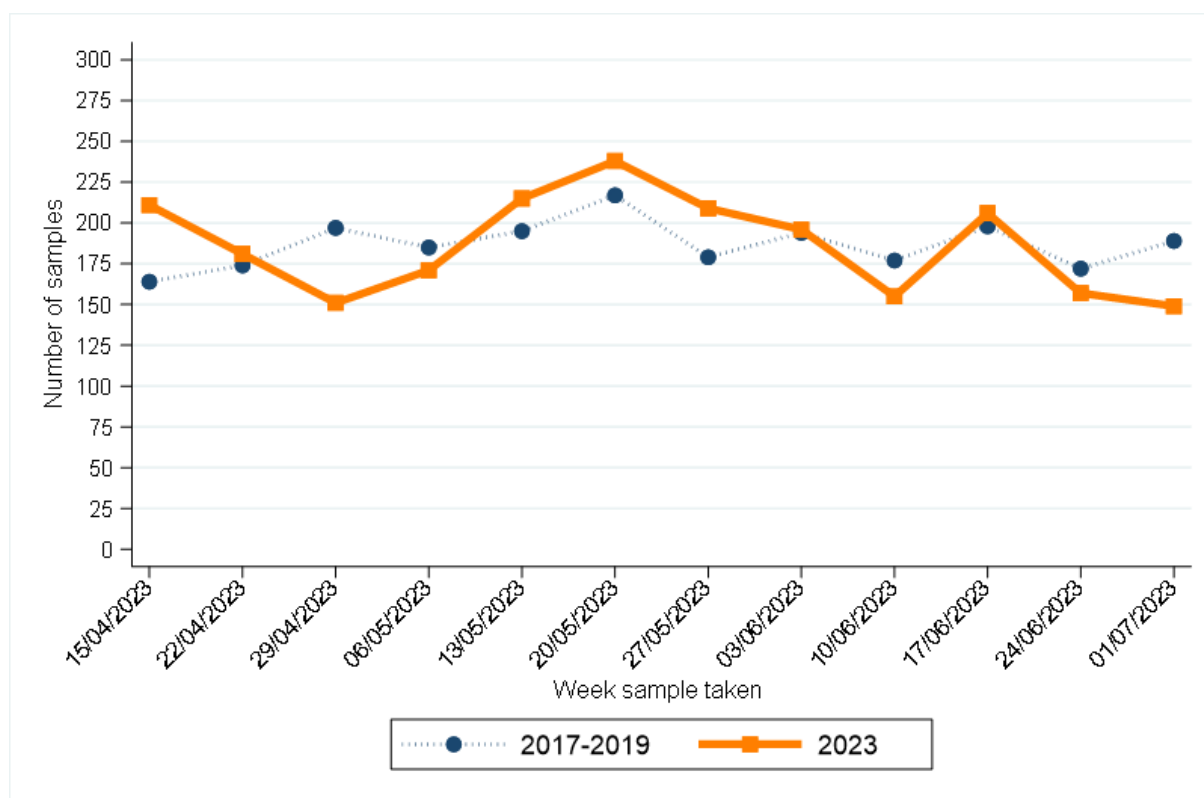
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	740	711	556	608	718	Jul	640	560	610	593	.
Feb	624	622	598	614	601	Aug	681	567	641	692	.
Mar	683	633	749	711	731	Sep	677	666	715	698	.
Apr	634	443	726	542	579	Oct	715	588	653	613	.
May	758	455	713	639	753	Nov	695	680	744	709	.
Jun	654	604	730	638	677	Dec	618	698	644	608	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**-0.1%**



Week sample taken**	2017-2019*	2023
15/04/2023	164	211
22/04/2023	174	181
29/04/2023	197	151
06/05/2023	185	171
13/05/2023	195	215
20/05/2023	217	238

Week sample taken**	2017-2019*	2023
27/05/2023	179	209
03/06/2023	194	196
10/06/2023	177	155
17/06/2023	198	206
24/06/2023	172	157
01/07/2023	189	149

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

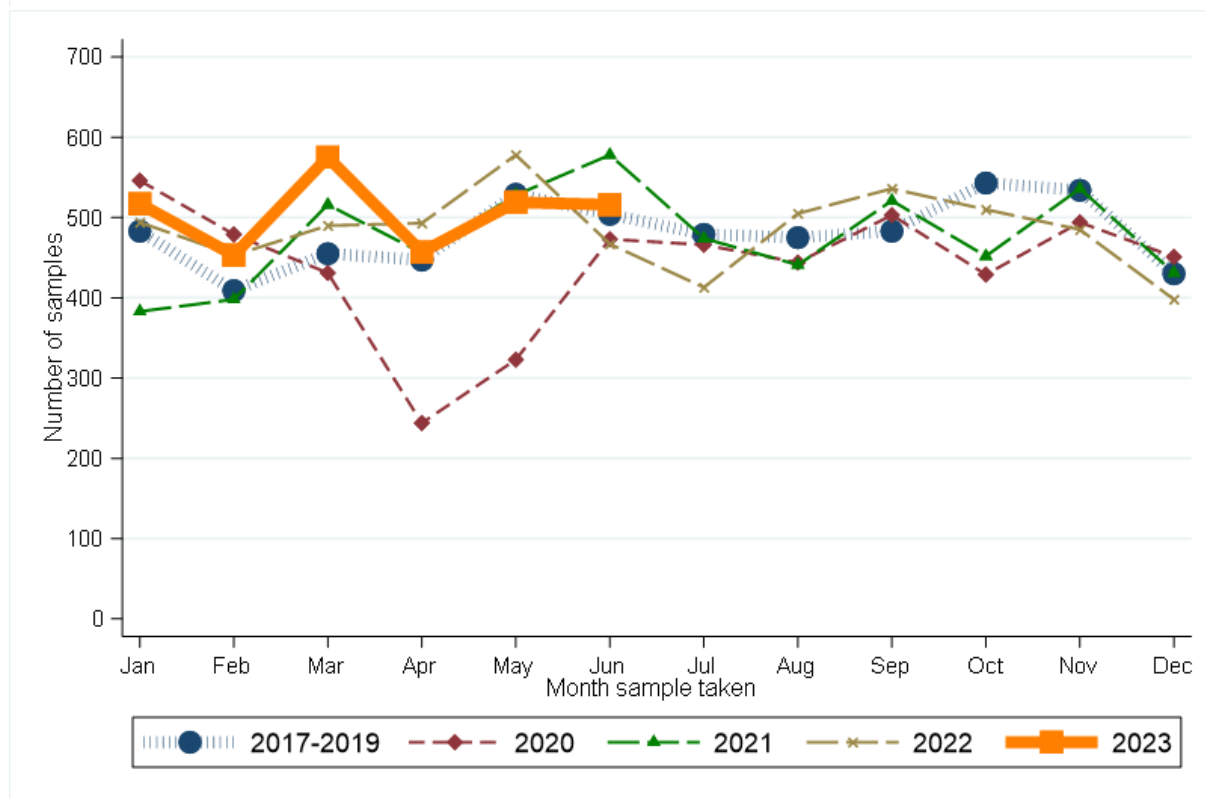
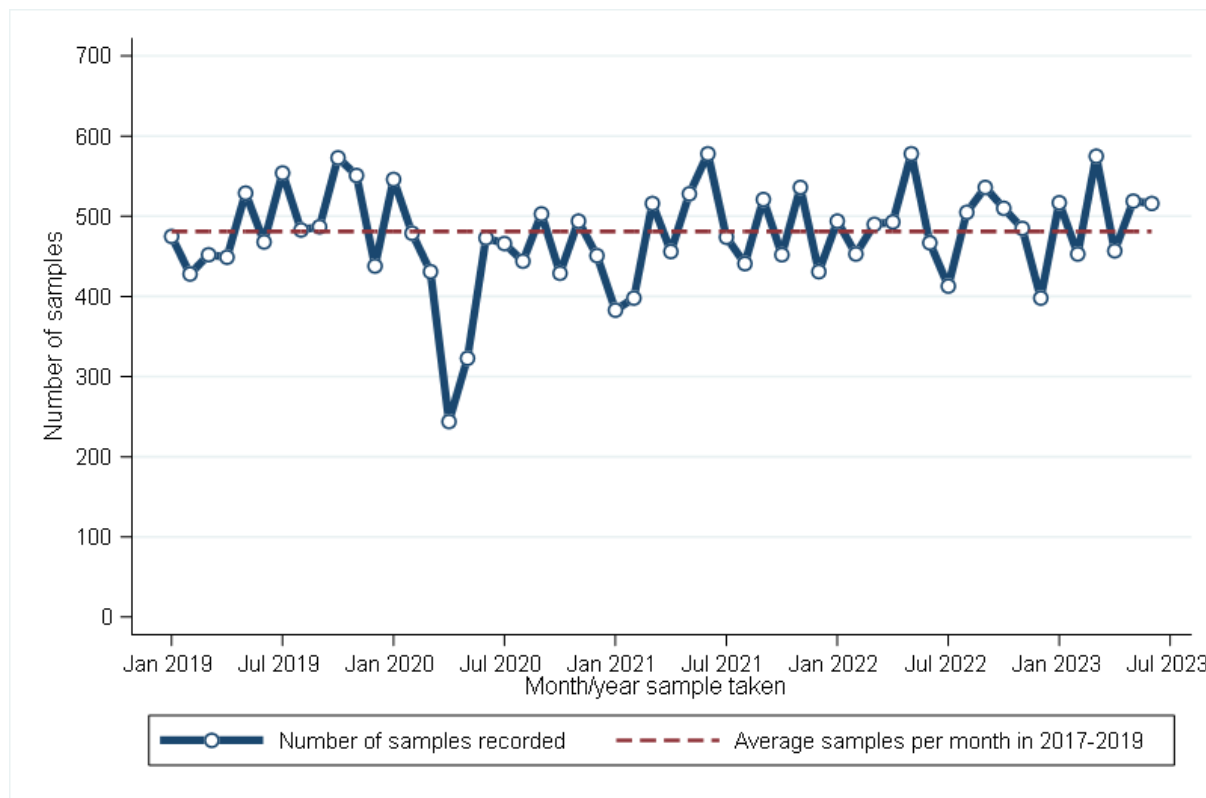
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# AGED 70+: CANCER (EX NMSC)

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-2.2%**



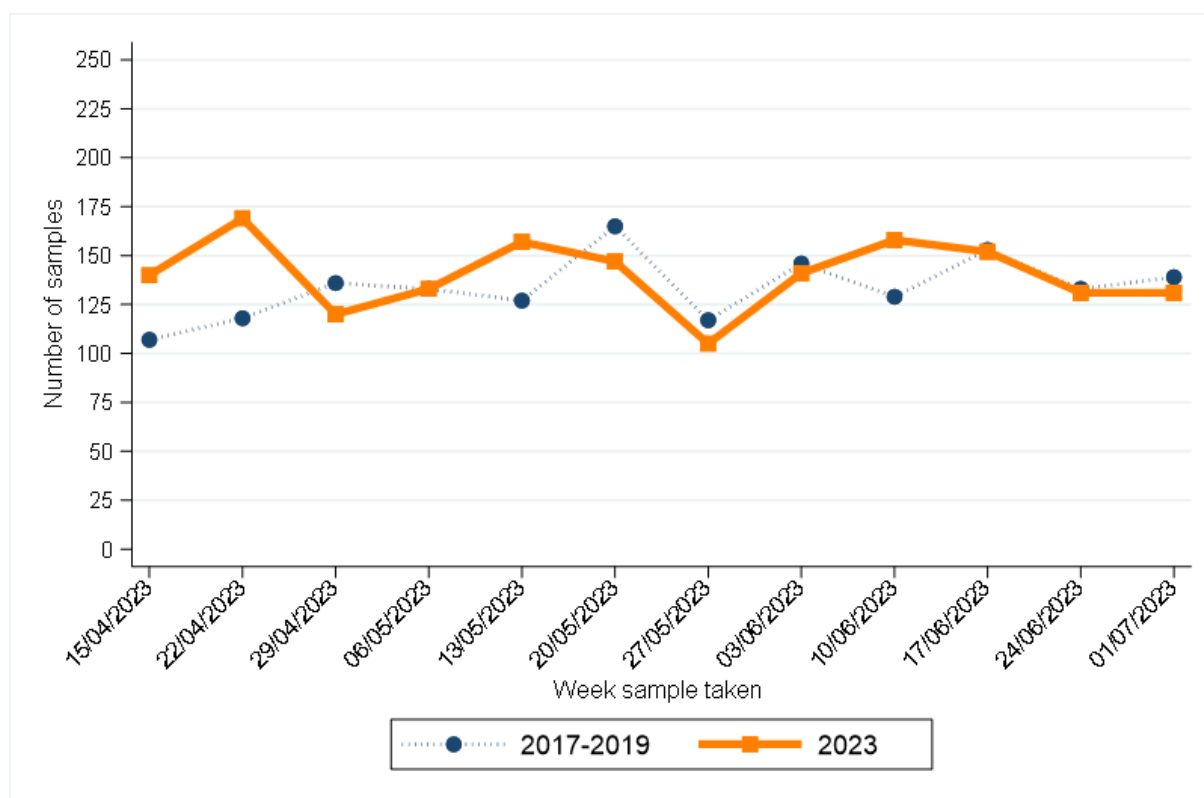
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	483	546	383	494	517	Jul	479	466	474	413	.
Feb	409	479	398	453	453	Aug	475	444	441	505	.
Mar	455	431	516	490	575	Sep	483	503	521	536	.
Apr	447	244	456	493	457	Oct	543	429	452	510	.
May	529	323	528	578	519	Nov	534	494	536	485	.
Jun	504	473	578	467	516	Dec	430	451	431	398	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+5.1%**



Week sample taken**	2017-2019*	2023	Week sample taken**	2017-2019*	2023
15/04/2023	107	140	27/05/2023	117	105
22/04/2023	118	169	03/06/2023	146	141
29/04/2023	136	120	10/06/2023	129	158
06/05/2023	133	133	17/06/2023	153	152
13/05/2023	127	157	24/06/2023	133	131
20/05/2023	165	147	01/07/2023	139	131

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

\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

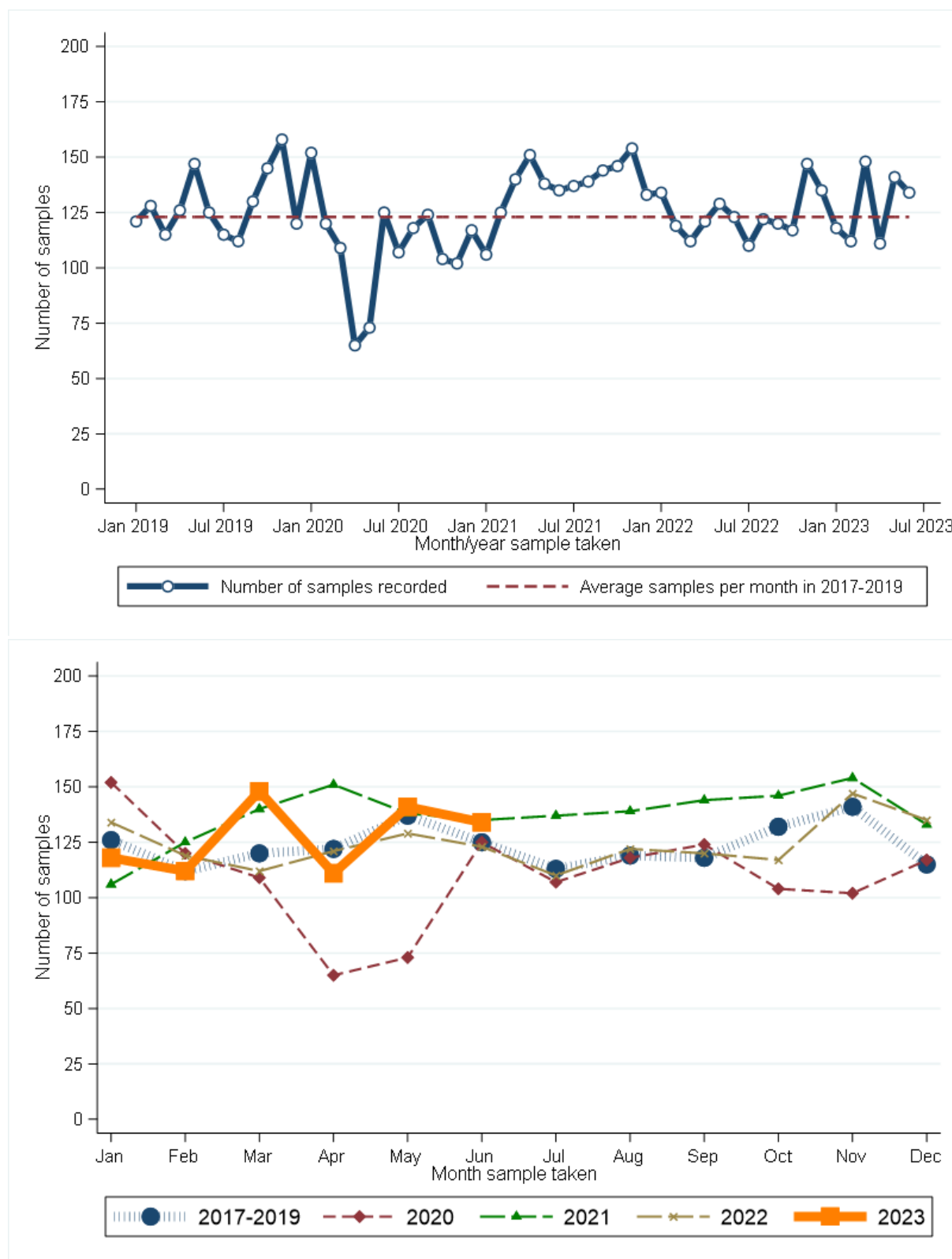


# BOWEL CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**0.0%**



Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	126	152	106	134	118
Feb	112	120	125	119	112
Mar	120	109	140	112	148
Apr	122	65	151	121	111
May	137	73	138	129	141
Jun	125	125	135	123	134

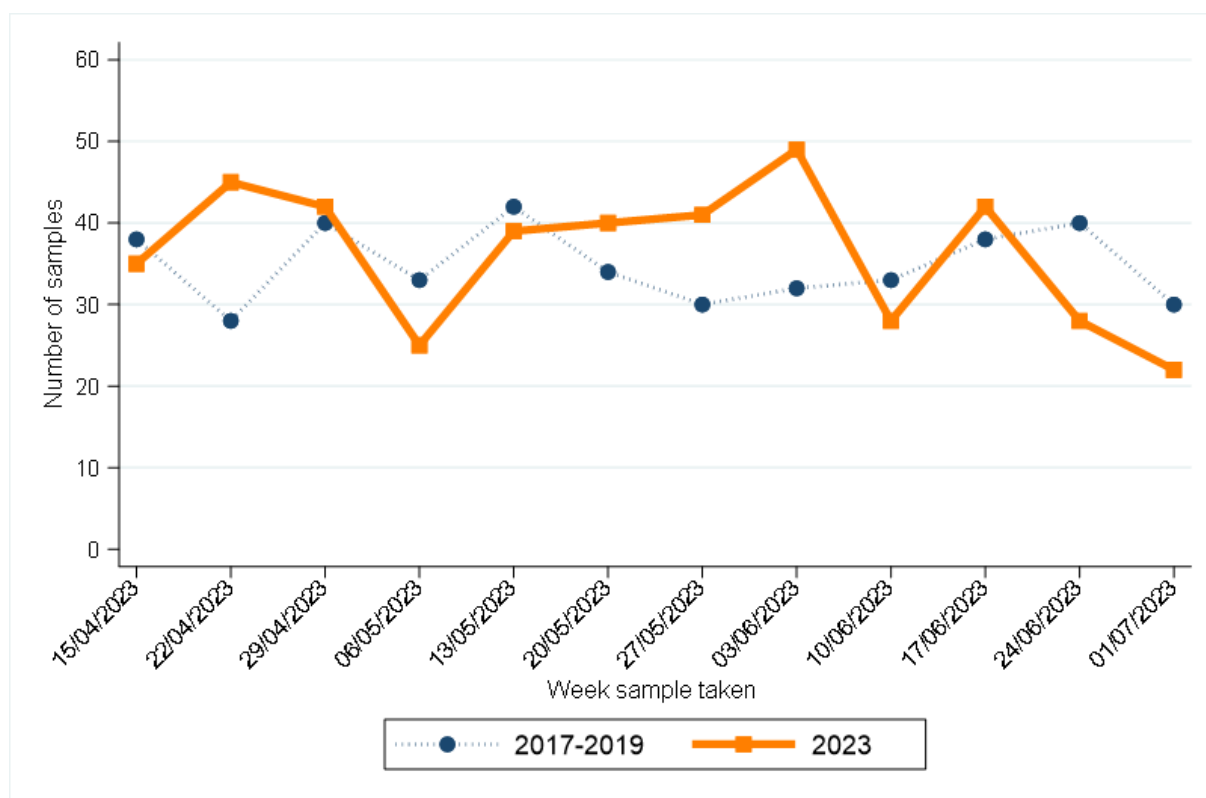
\* Average samples per year rounded to the nearest integer.

Month sample taken	2017-2019*	2020	2021	2022	2023
Jul	113	107	137	110	.
Aug	119	118	139	122	.
Sep	118	124	144	120	.
Oct	132	104	146	117	.
Nov	141	102	154	147	.
Dec	115	117	133	135	.

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

Percentage change in the twelve weeks up to 01/07/2023 compared to expected number based on 2017-2019 average

**+4.3%**



Week sample taken**	2017-2019*	2023
15/04/2023	38	35
22/04/2023	28	45
29/04/2023	40	42
06/05/2023	33	25
13/05/2023	42	39
20/05/2023	34	40

Week sample taken**	2017-2019*	2023
27/05/2023	30	41
03/06/2023	32	49
10/06/2023	33	28
17/06/2023	38	42
24/06/2023	40	28
01/07/2023	30	22

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

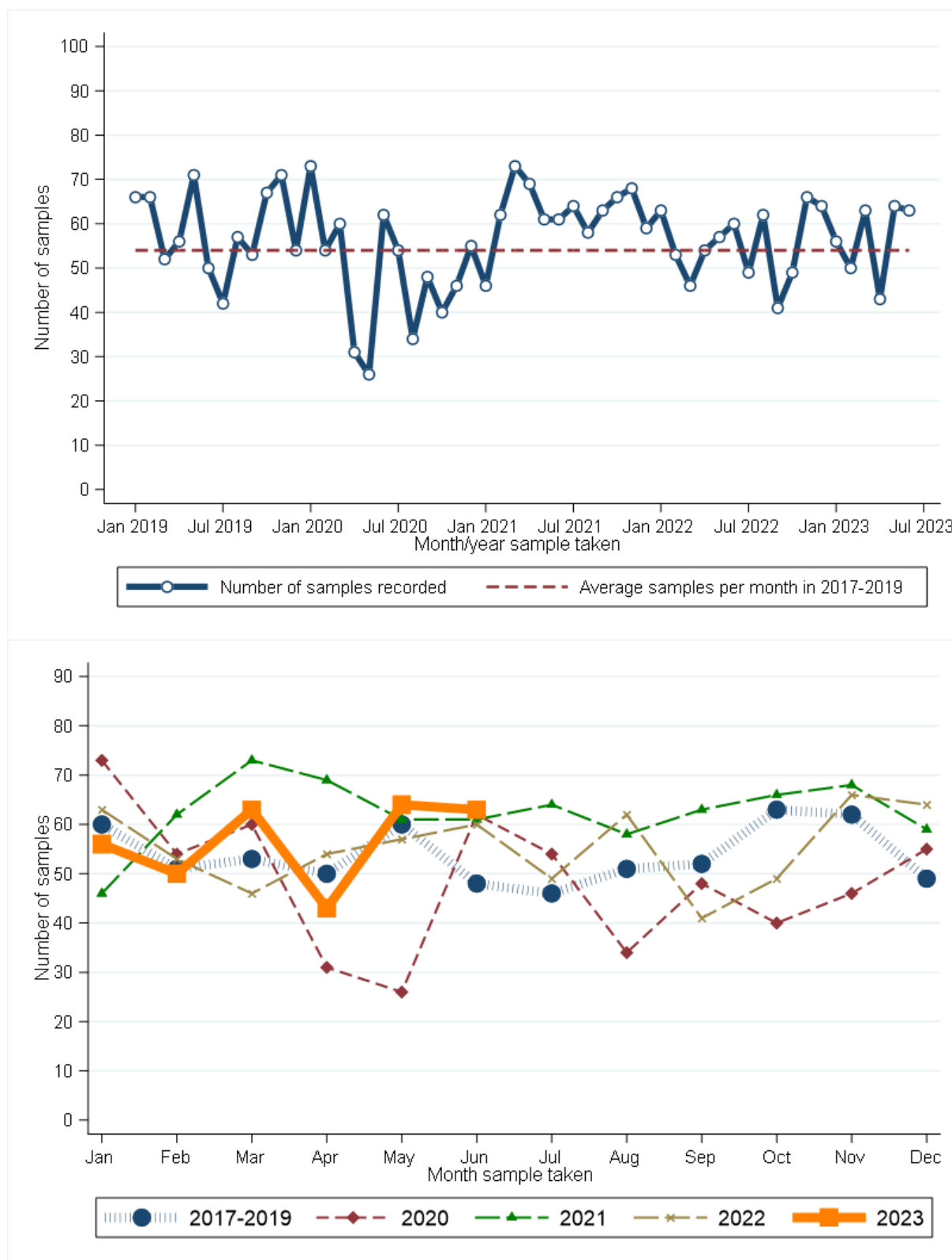
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# BOWEL CANCER (SCREENING AGE)

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**+2.9%**



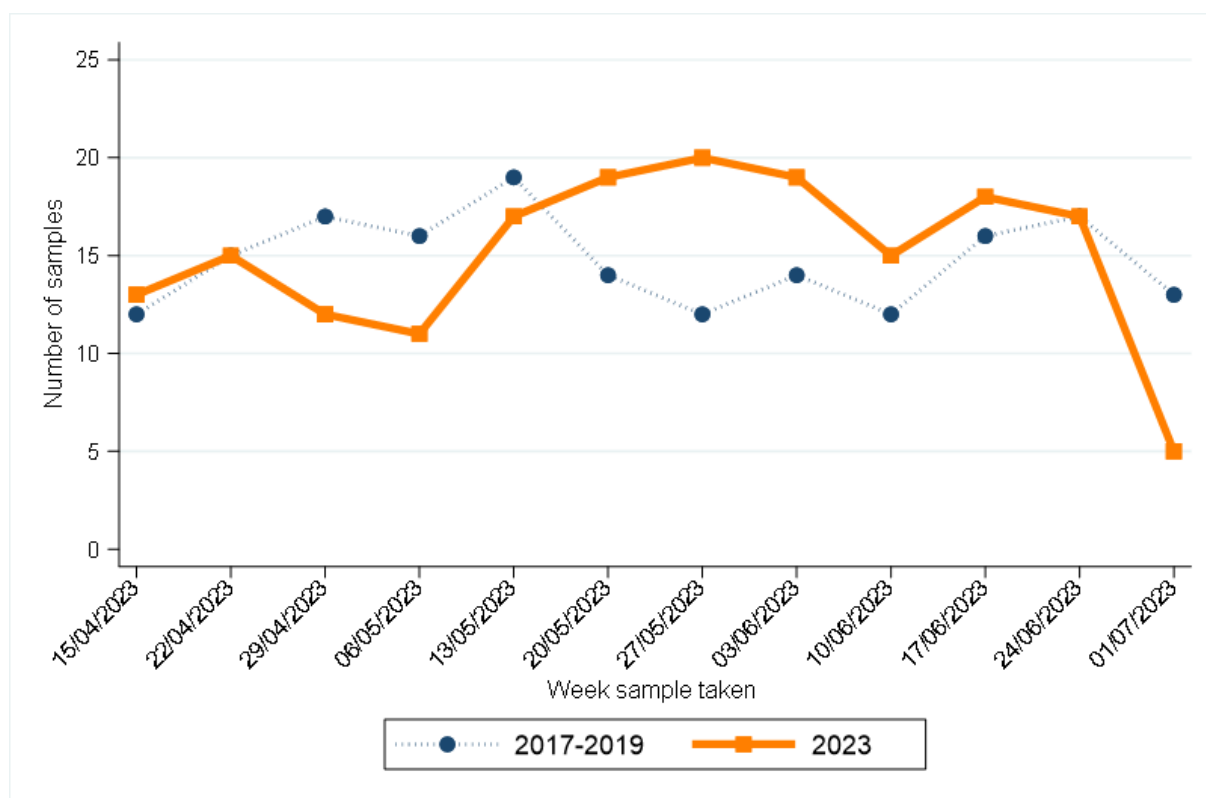
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	60	73	46	63	56	Jul	46	54	64	49	.
Feb	51	54	62	53	50	Aug	51	34	58	62	.
Mar	53	60	73	46	63	Sep	52	48	63	41	.
Apr	50	31	69	54	43	Oct	63	40	66	49	.
May	60	26	61	57	64	Nov	62	46	68	66	.
Jun	48	62	61	60	63	Dec	49	55	59	64	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+2.3%**



Week sample taken**	2017-2019*	2023	Week sample taken**	2017-2019*	2023
15/04/2023	12	13	27/05/2023	12	20
22/04/2023	15	15	03/06/2023	14	19
29/04/2023	17	12	10/06/2023	12	15
06/05/2023	16	11	17/06/2023	16	18
13/05/2023	19	17	24/06/2023	17	17
20/05/2023	14	19	01/07/2023	13	5

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

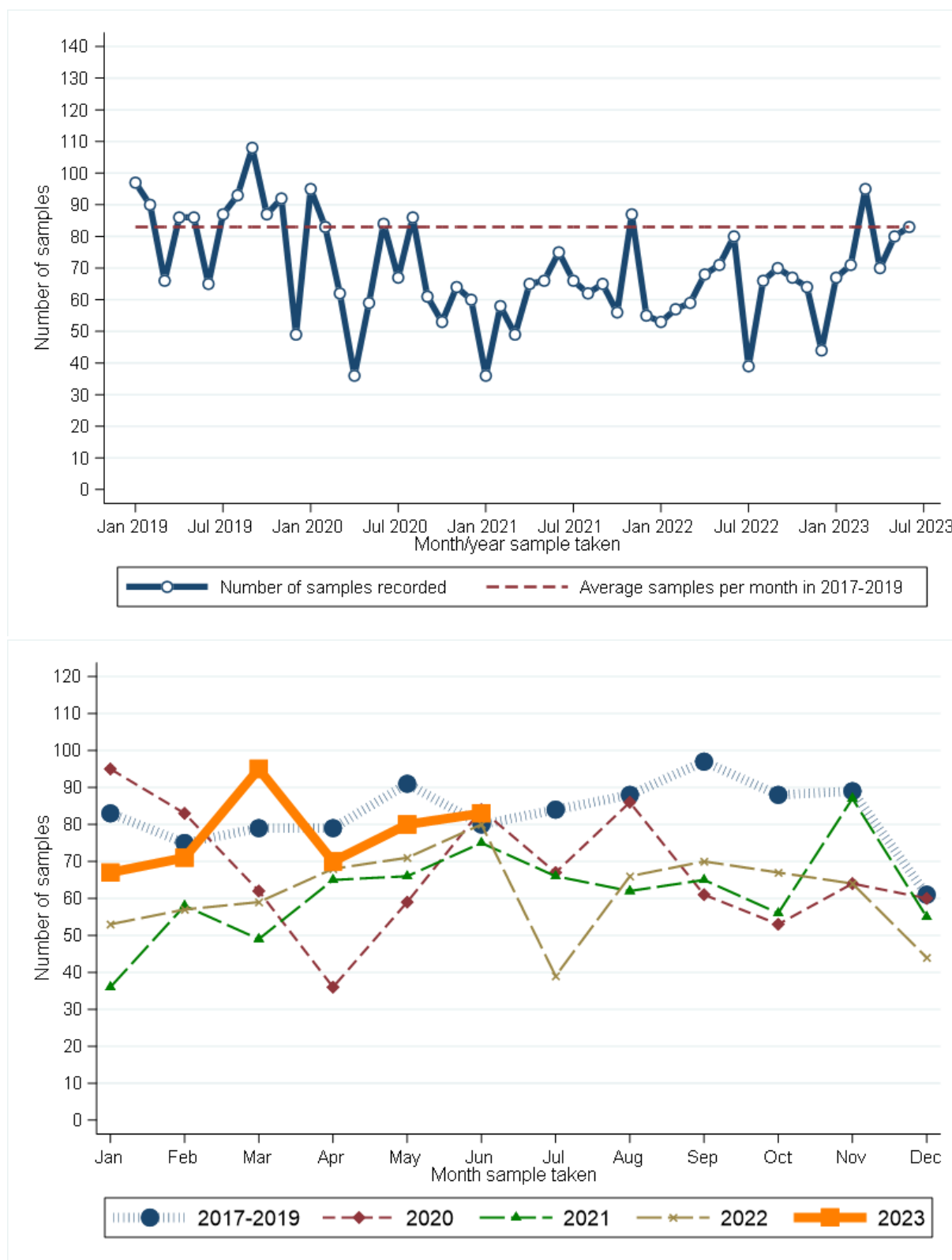
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# LUNG CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-22.2%**



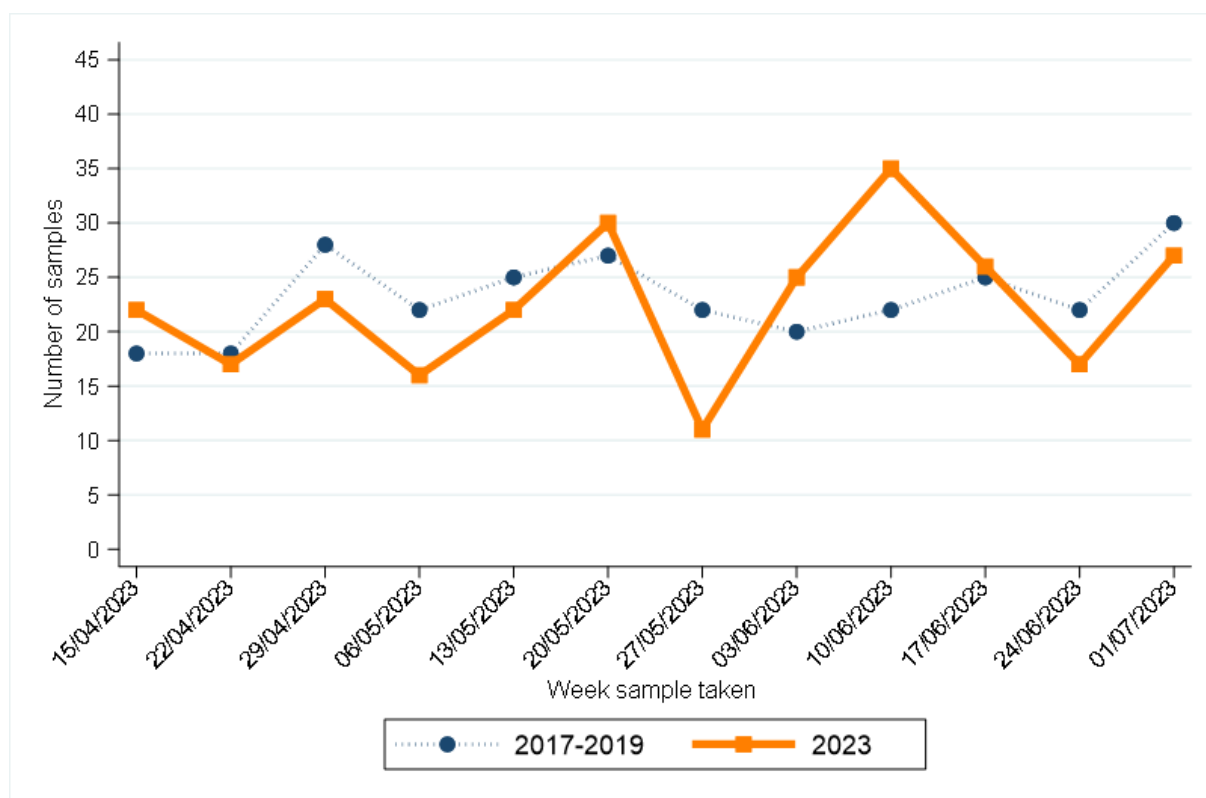
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	83	95	36	53	67	Jul	84	67	66	39	.
Feb	75	83	58	57	71	Aug	88	86	62	66	.
Mar	79	62	49	59	95	Sep	97	61	65	70	.
Apr	79	36	65	68	70	Oct	88	53	56	67	.
May	91	59	66	71	80	Nov	89	64	87	64	.
Jun	80	84	75	80	83	Dec	61	60	55	44	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**-2.9%**



Week sample taken**	2017-2019*	2023
15/04/2023	18	22
22/04/2023	18	17
29/04/2023	28	23
06/05/2023	22	16
13/05/2023	25	22
20/05/2023	27	30

Week sample taken**	2017-2019*	2023
27/05/2023	22	11
03/06/2023	20	25
10/06/2023	22	35
17/06/2023	25	26
24/06/2023	22	17
01/07/2023	30	27

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

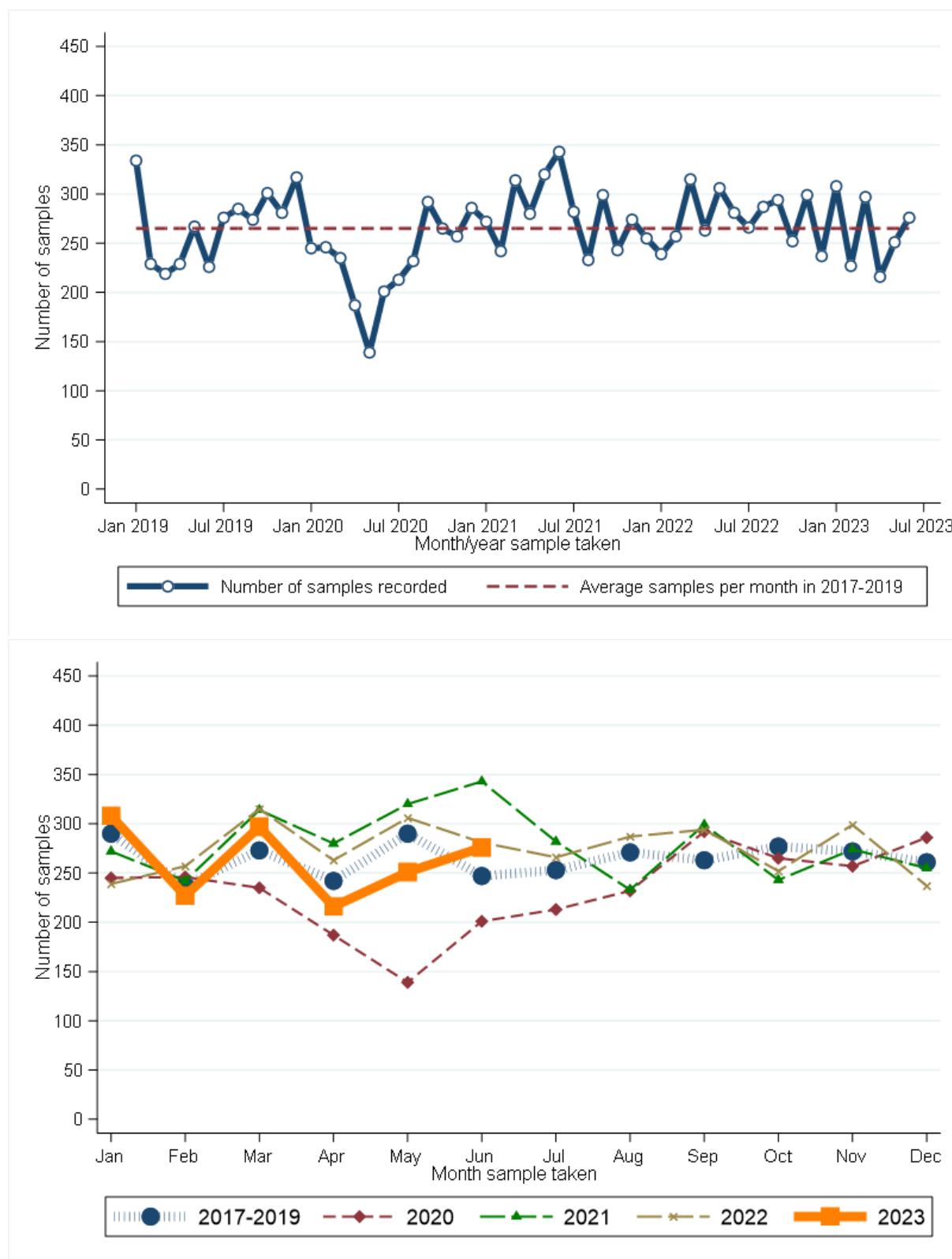
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# FEMALE BREAST CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-0.4%**



Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	290	245	272	239	308
Feb	237	246	242	257	227
Mar	273	235	314	315	297
Apr	242	187	280	263	216
May	290	139	320	306	251
Jun	247	201	343	281	276

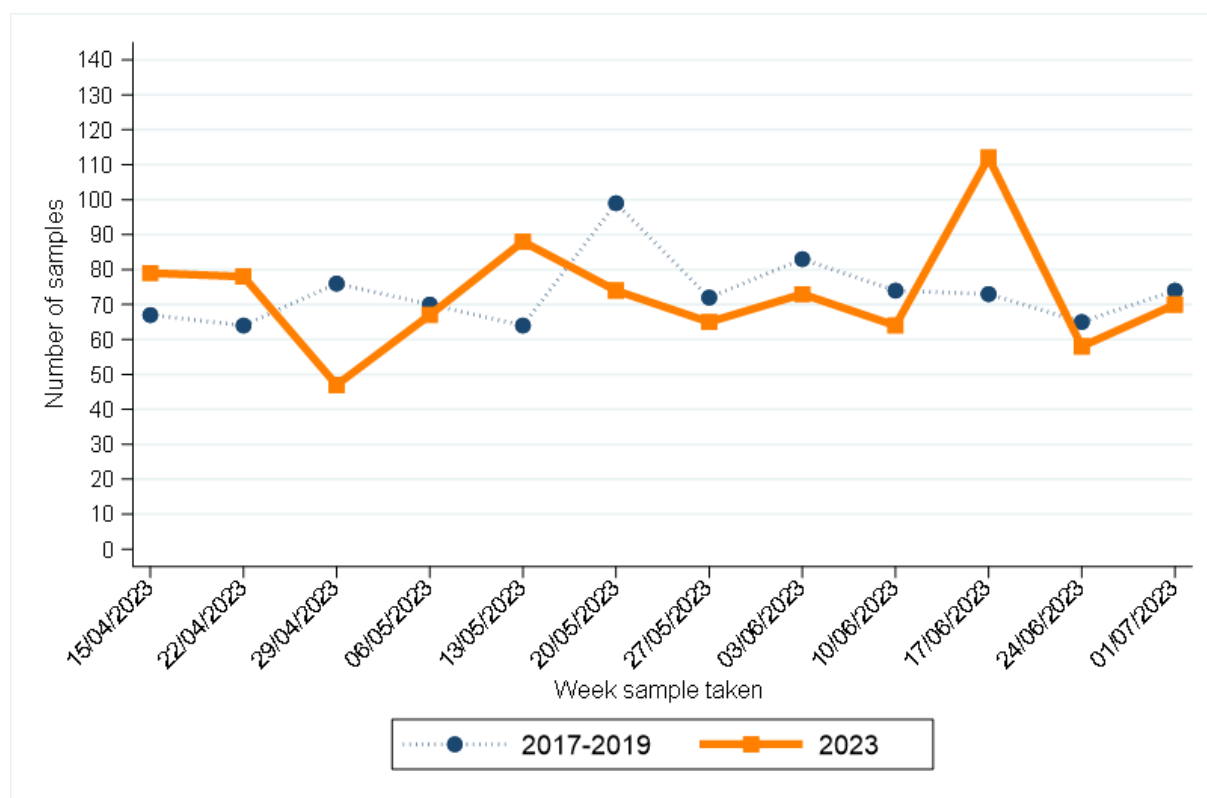
\* Average samples per year rounded to the nearest integer.

Month sample taken	2017-2019*	2020	2021	2022	2023
Jul	253	213	282	266	.
Aug	271	232	233	287	.
Sep	263	292	299	294	.
Oct	277	265	243	252	.
Nov	272	257	274	299	.
Dec	261	286	255	237	.

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

Percentage change in the twelve weeks up to 01/07/2023 compared to expected number based on 2017-2019 average

**-0.7%**



Week sample taken**	2017-2019*	2023
15/04/2023	67	79
22/04/2023	64	78
29/04/2023	76	47
06/05/2023	70	67
13/05/2023	64	88
20/05/2023	99	74

Week sample taken**	2017-2019*	2023
27/05/2023	72	65
03/06/2023	83	73
10/06/2023	74	64
17/06/2023	73	112
24/06/2023	65	58
01/07/2023	74	70

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

\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

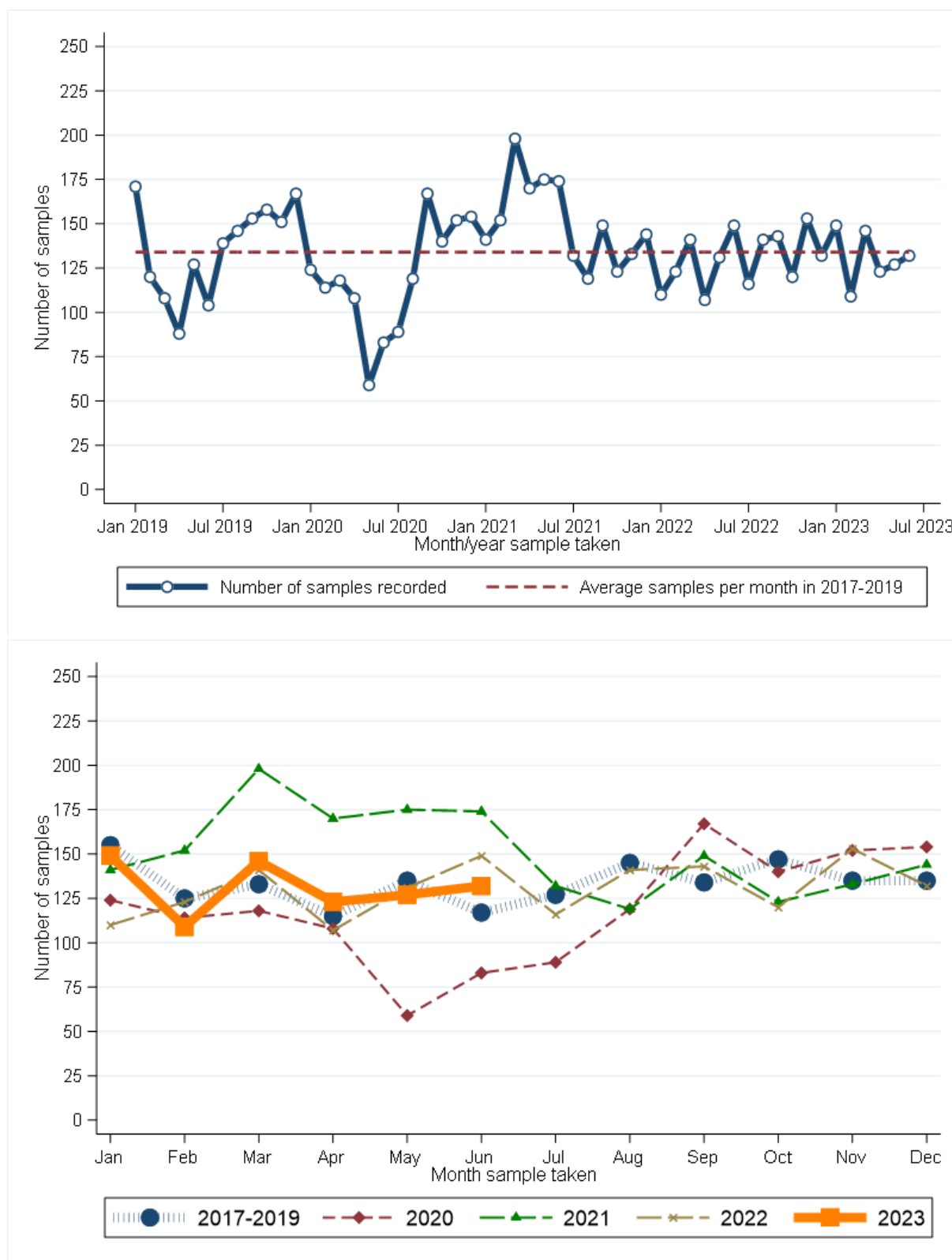


# FEMALE BREAST CANCER (SCREENING AGE)

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**+0.8%**



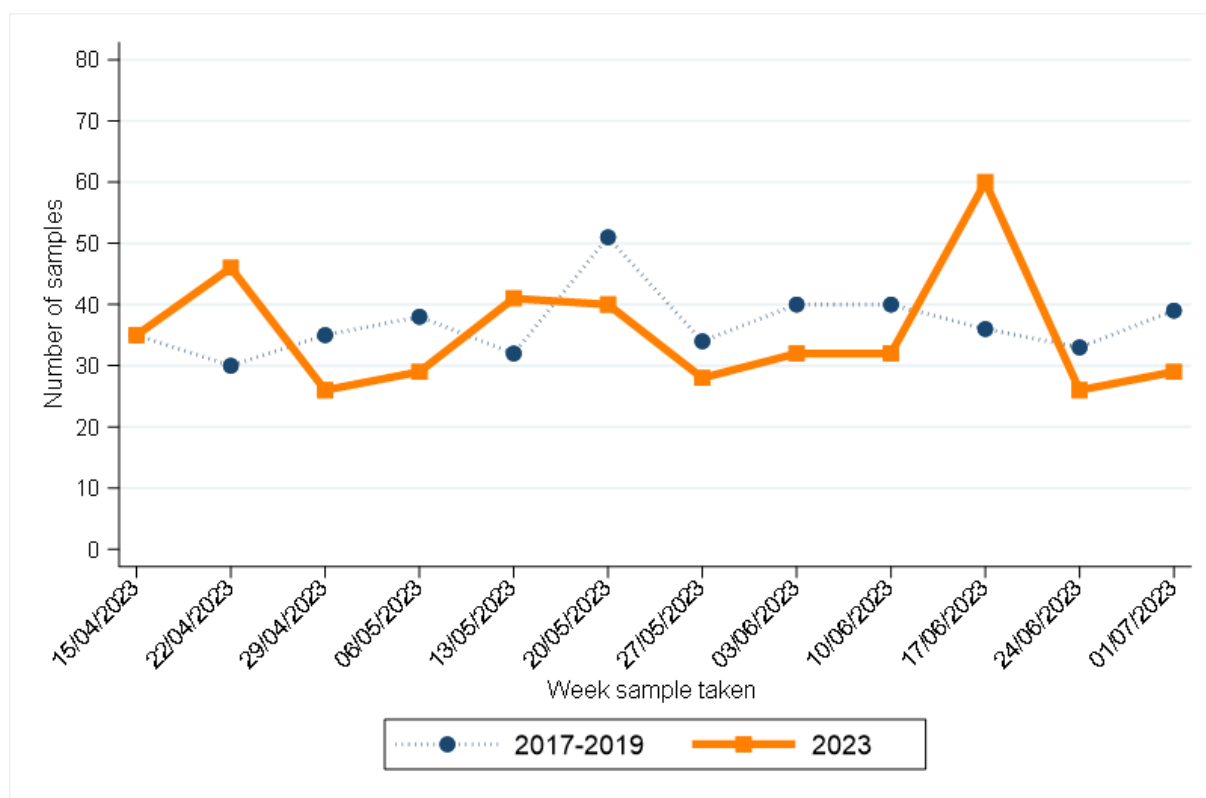
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	155	124	141	110	149	Jul	127	89	132	116	.
Feb	125	114	152	123	109	Aug	145	119	119	141	.
Mar	133	118	198	141	146	Sep	134	167	149	143	.
Apr	115	108	170	107	123	Oct	147	140	123	120	.
May	135	59	175	131	127	Nov	135	152	133	153	.
Jun	117	83	174	149	132	Dec	135	154	144	132	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**-4.3%**



Week sample taken**	2017-2019*	2023
15/04/2023	35	35
22/04/2023	30	46
29/04/2023	35	26
06/05/2023	38	29
13/05/2023	32	41
20/05/2023	51	40

Week sample taken**	2017-2019*	2023
27/05/2023	34	28
03/06/2023	40	32
10/06/2023	40	32
17/06/2023	36	60
24/06/2023	33	26
01/07/2023	39	29

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

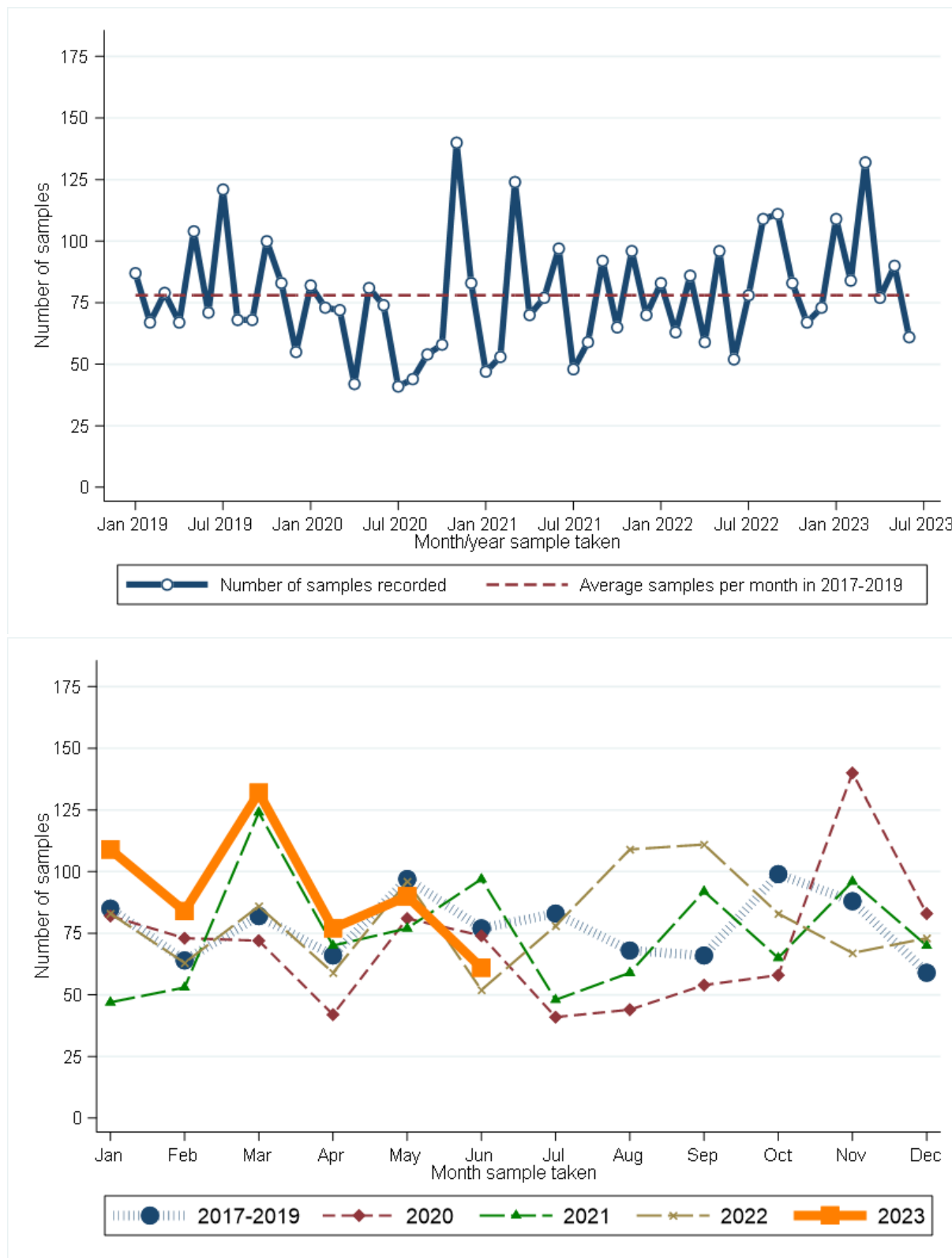
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# PROSTATE CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-0.8%**



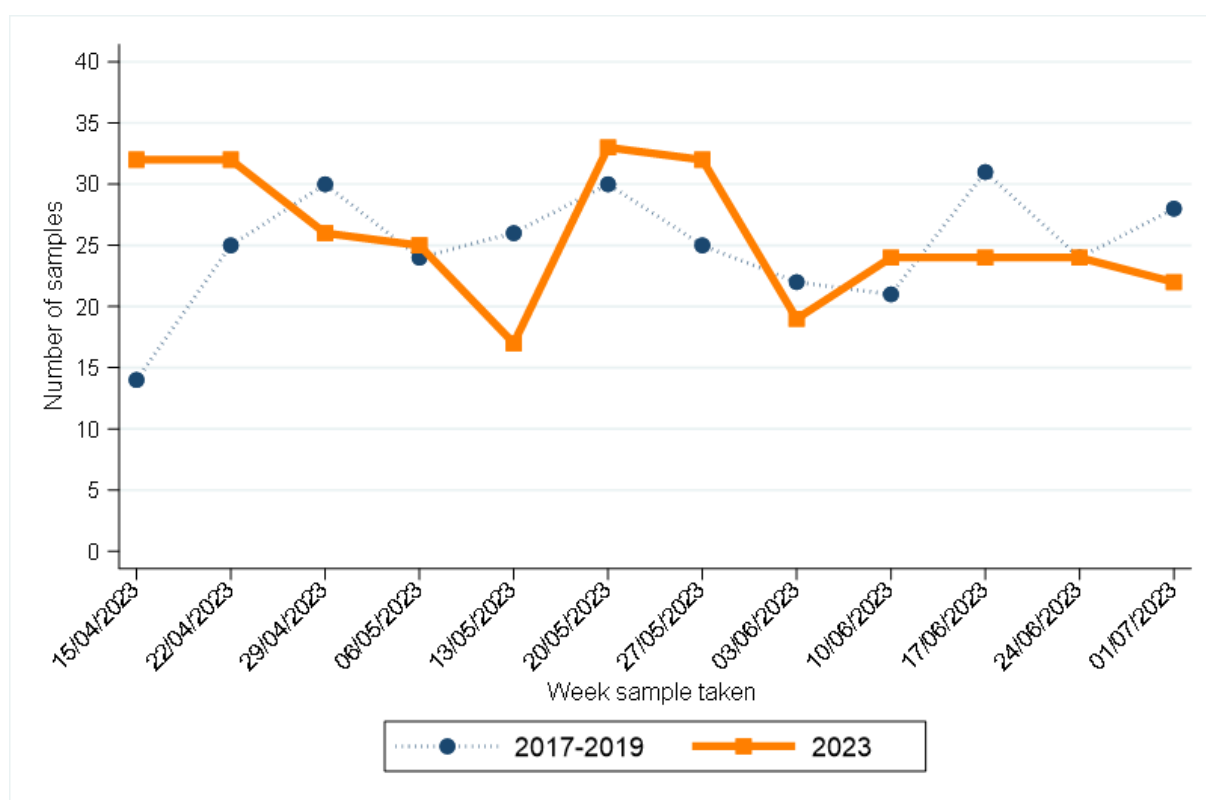
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	85	82	47	83	109	Jul	83	41	48	78	.
Feb	64	73	53	63	84	Aug	68	44	59	109	.
Mar	82	72	124	86	132	Sep	66	54	92	111	.
Apr	66	42	70	59	77	Oct	99	58	65	83	.
May	97	81	77	96	90	Nov	88	140	96	67	.
Jun	77	74	97	52	61	Dec	59	83	70	73	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+3.3%**



Week sample taken**	2017-2019*	2023
15/04/2023	14	32
22/04/2023	25	32
29/04/2023	30	26
06/05/2023	24	25
13/05/2023	26	17
20/05/2023	30	33

Week sample taken**	2017-2019*	2023
27/05/2023	25	32
03/06/2023	22	19
10/06/2023	21	24
17/06/2023	31	24
24/06/2023	24	24
01/07/2023	28	22

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

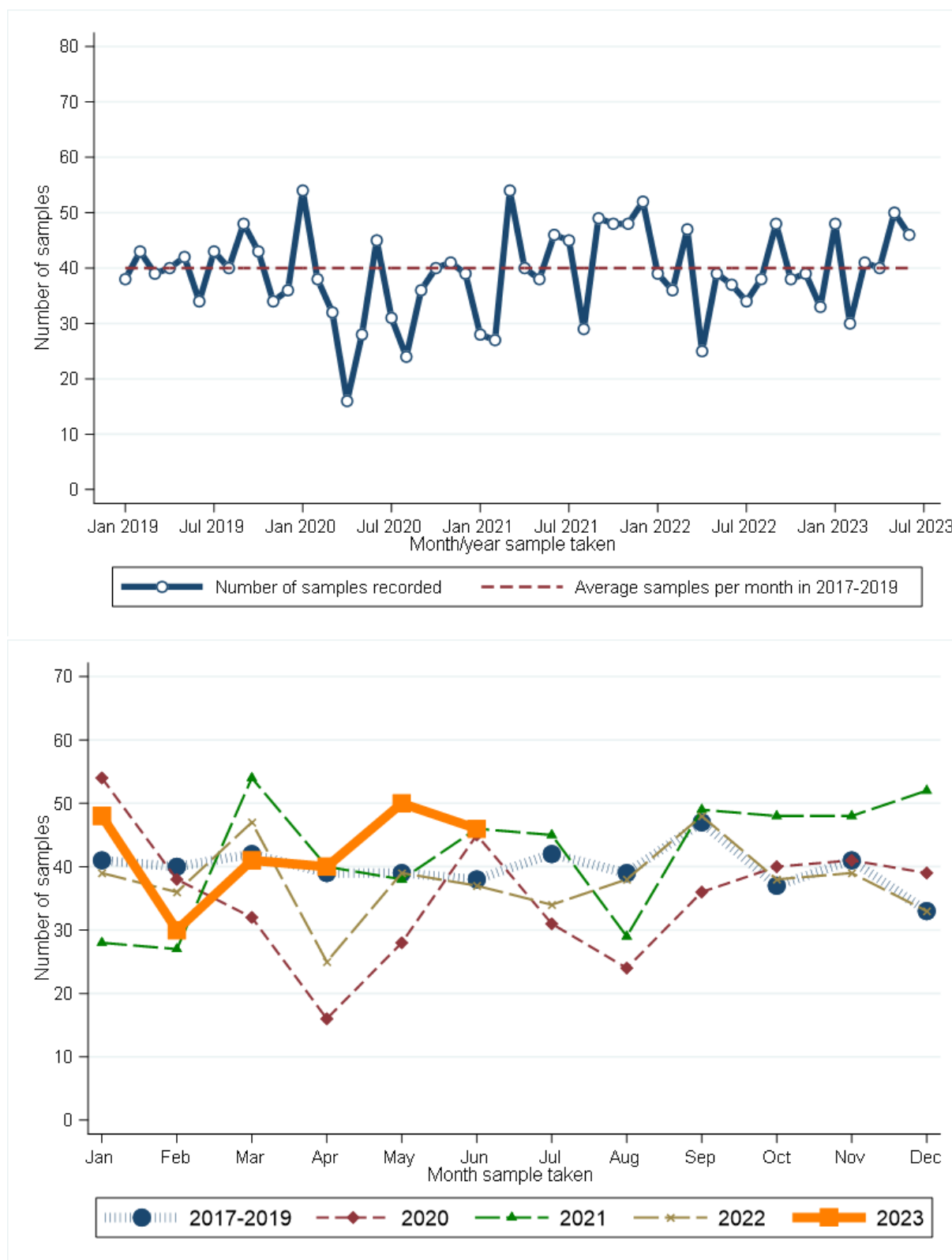
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# UPPER GASTROINTESTINAL CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-3.0%**



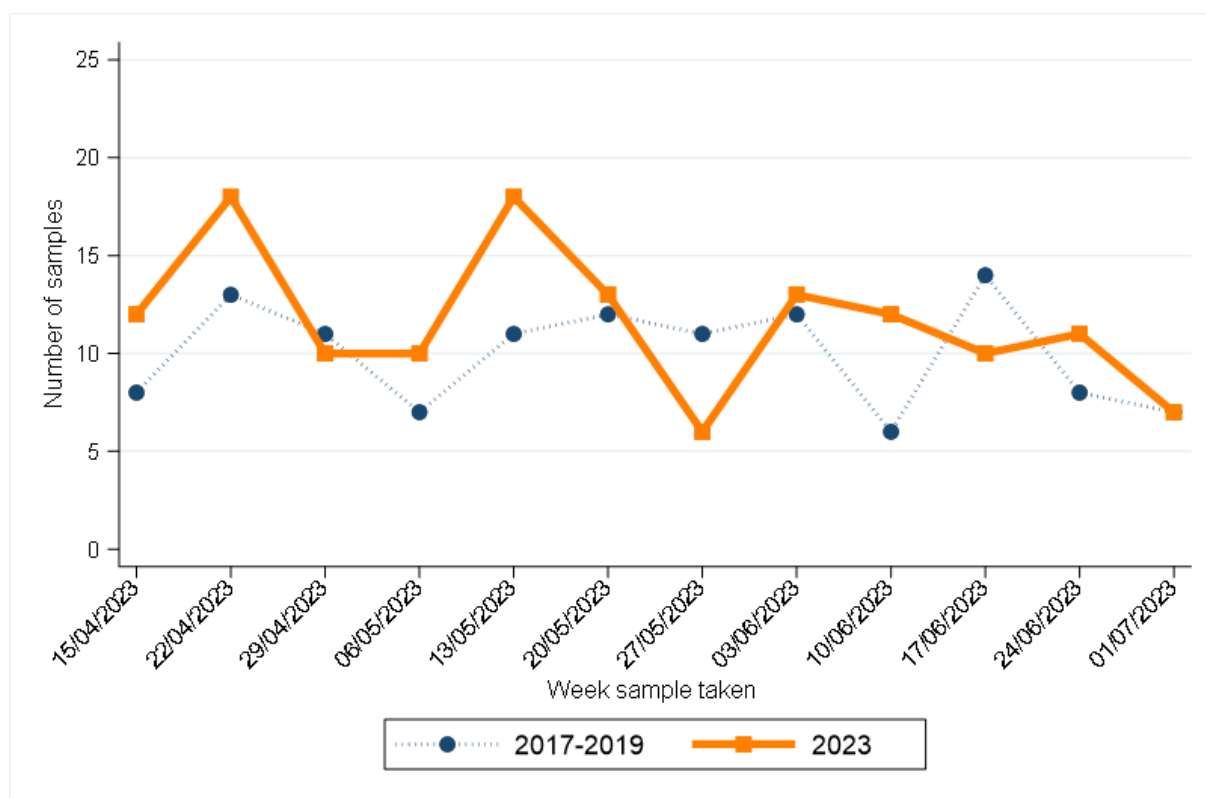
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	41	54	28	39	48	Jul	42	31	45	34	.
Feb	40	38	27	36	30	Aug	39	24	29	38	.
Mar	42	32	54	47	41	Sep	47	36	49	48	.
Apr	39	16	40	25	40	Oct	37	40	48	38	.
May	39	28	38	39	50	Nov	41	41	48	39	.
Jun	38	45	46	37	46	Dec	33	39	52	33	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+16.7%**



Week sample taken**	2017-2019*	2023
15/04/2023	8	12
22/04/2023	13	18
29/04/2023	11	10
06/05/2023	7	10
13/05/2023	11	18
20/05/2023	12	13

Week sample taken**	2017-2019*	2023
27/05/2023	11	6
03/06/2023	12	13
10/06/2023	6	12
17/06/2023	14	10
24/06/2023	8	11
01/07/2023	7	7

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

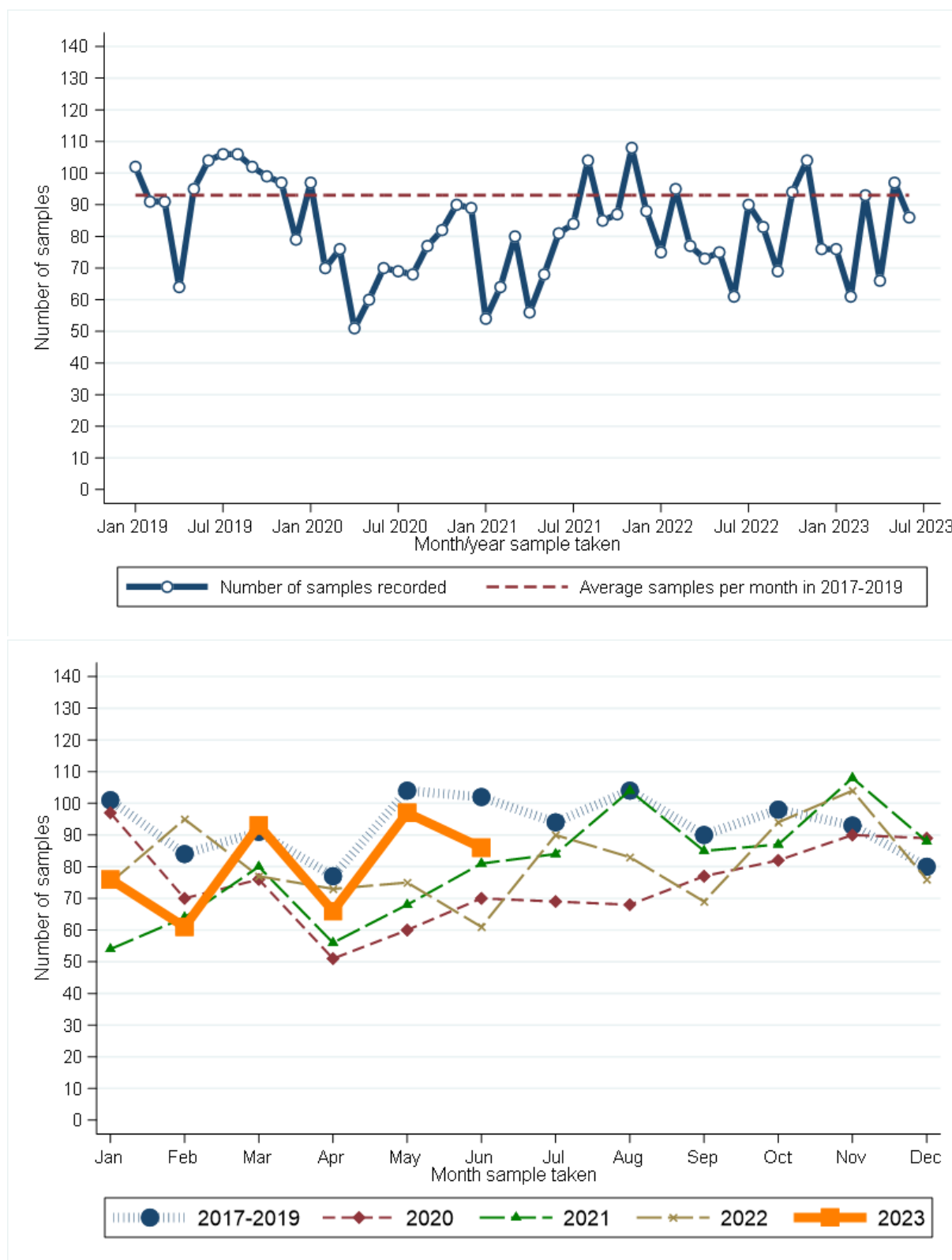
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# GYNAECOLOGICAL CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

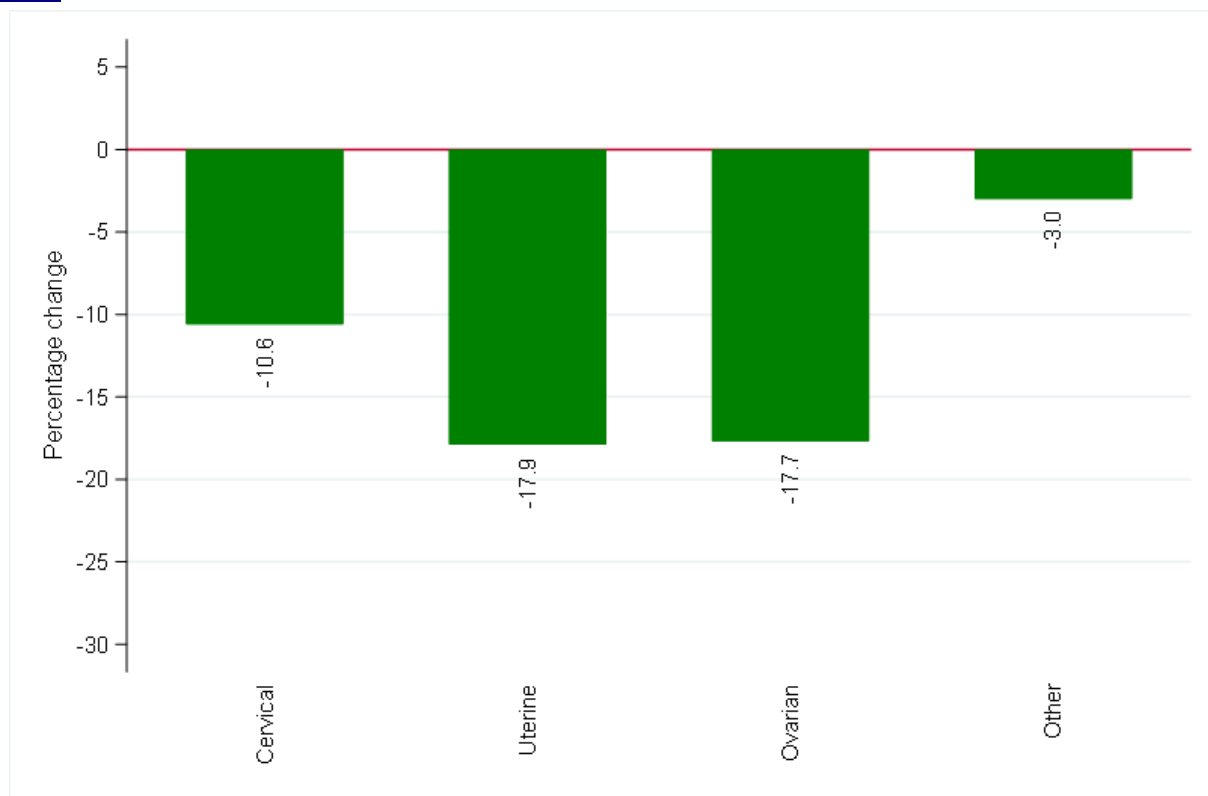
**-15.7%**



Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	101	97	54	75	76	Jul	94	69	84	90	.
Feb	84	70	64	95	61	Aug	104	68	104	83	.
Mar	91	76	80	77	93	Sep	90	77	85	69	.
Apr	77	51	56	73	66	Oct	98	82	87	94	.
May	104	60	68	75	97	Nov	93	90	108	104	.
Jun	102	70	81	61	86	Dec	80	89	88	76	.

\* 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 June 2023)	
	Expected number*	Recorded number
Cervical cancer	549	491
Uterine cancer	1,768	1,451
Ovarian cancer	1,064	876
Other gynaecological cancer	334	324

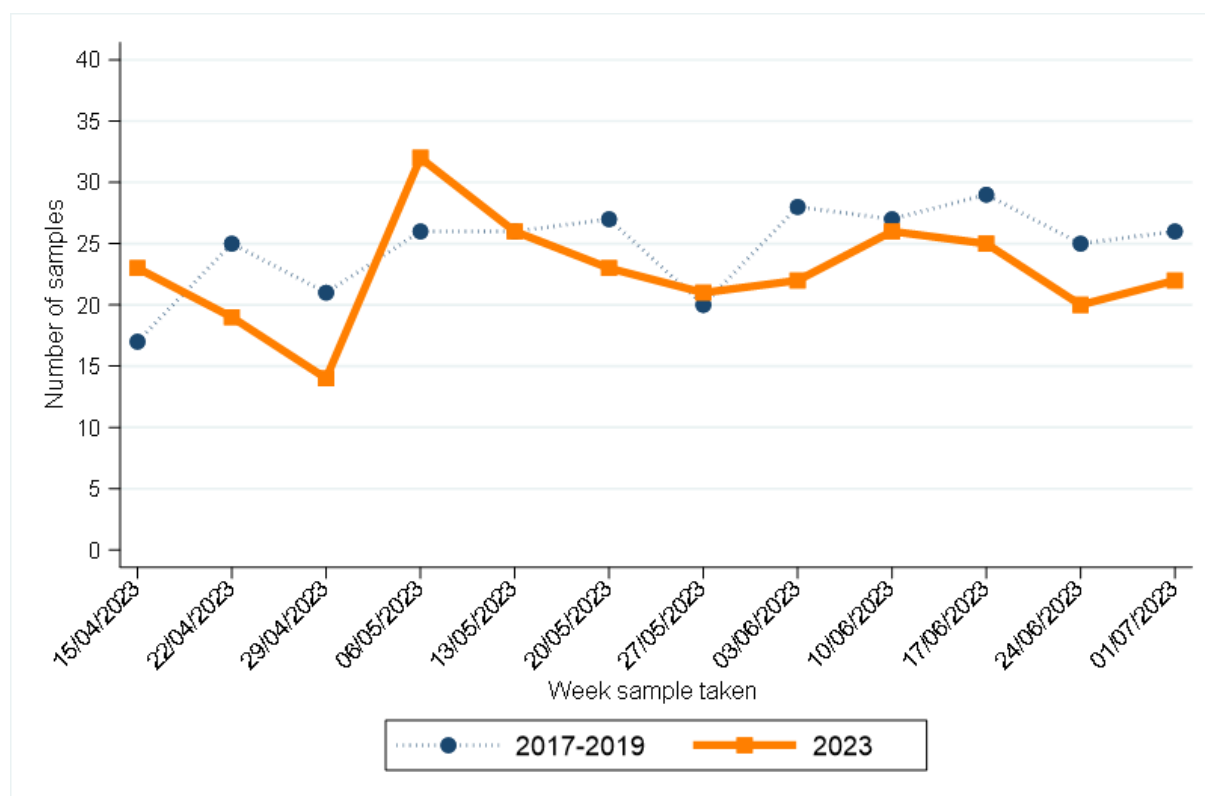
\* Based upon average monthly number of samples from 2017-2019.



## RECENT CHANGES IN NUMBER OF SAMPLES - Including Altnagelvin

Percentage change in the twelve weeks up to 01/07/2023 compared to expected number based on 2017-2019 average

**-8.1%**



Week sample taken**	2017-2019*	2023	Week sample taken**	2017-2019*	2023
15/04/2023	17	23	27/05/2023	20	21
22/04/2023	25	19	03/06/2023	28	22
29/04/2023	21	14	10/06/2023	27	26
06/05/2023	26	32	17/06/2023	29	25
13/05/2023	26	26	24/06/2023	25	20
20/05/2023	27	23	01/07/2023	26	22

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

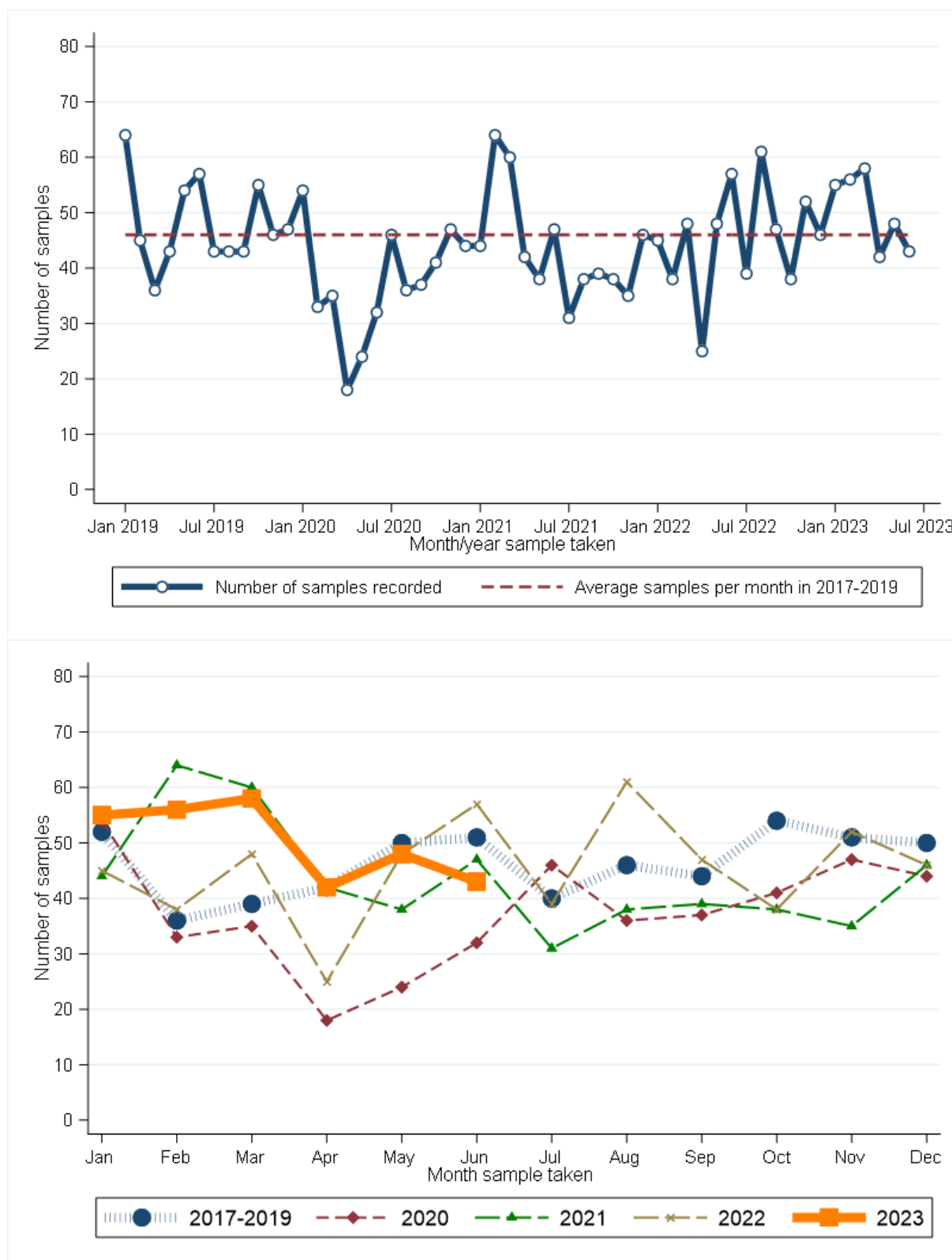
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# HEAD AND NECK CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-6.4%**



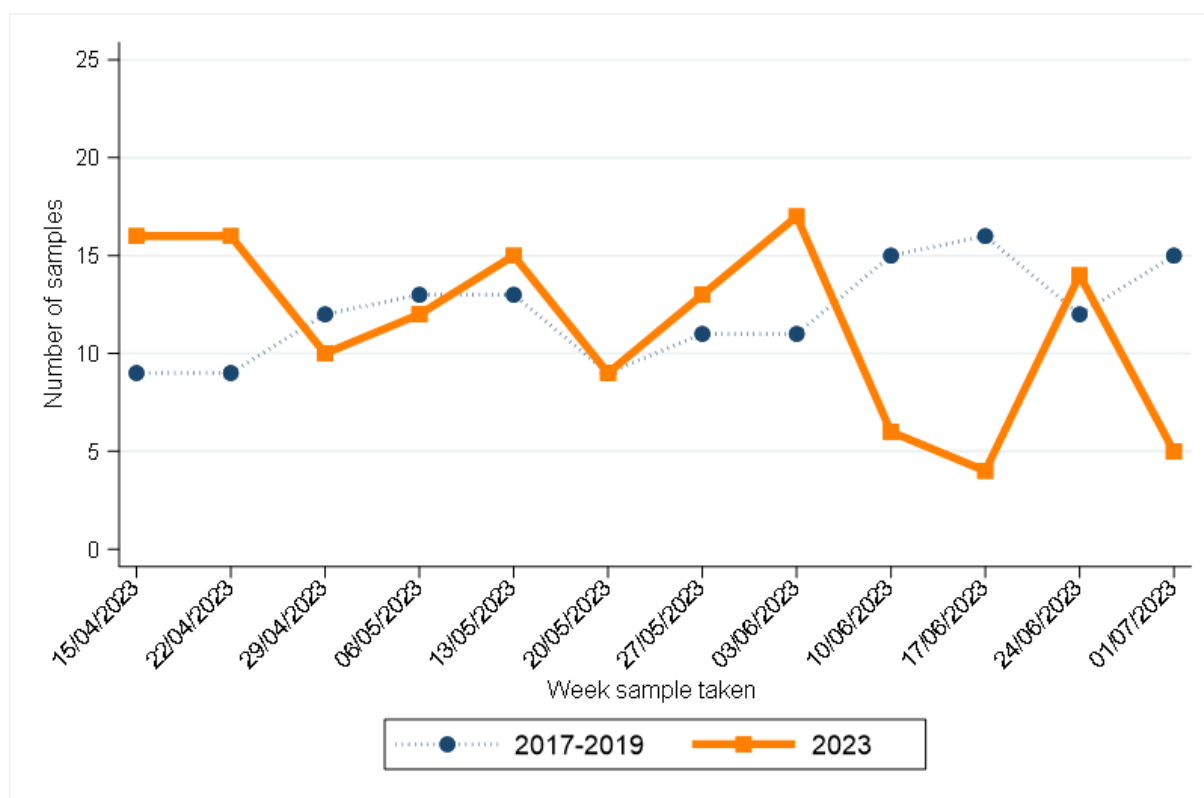
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	52	54	44	45	55	Jul	40	46	31	39	.
Feb	36	33	64	38	56	Aug	46	36	38	61	.
Mar	39	35	60	48	58	Sep	44	37	39	47	.
Apr	42	18	42	25	42	Oct	54	41	38	38	.
May	50	24	38	48	48	Nov	51	47	35	52	.
Jun	51	32	47	57	43	Dec	50	44	46	46	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**-5.5%**



Week sample taken**	2017-2019*	2023	Week sample taken**	2017-2019*	2023
15/04/2023	9	16	27/05/2023	11	13
22/04/2023	9	16	03/06/2023	11	17
29/04/2023	12	10	10/06/2023	15	6
06/05/2023	13	12	17/06/2023	16	4
13/05/2023	13	15	24/06/2023	12	14
20/05/2023	9	9	01/07/2023	15	5

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

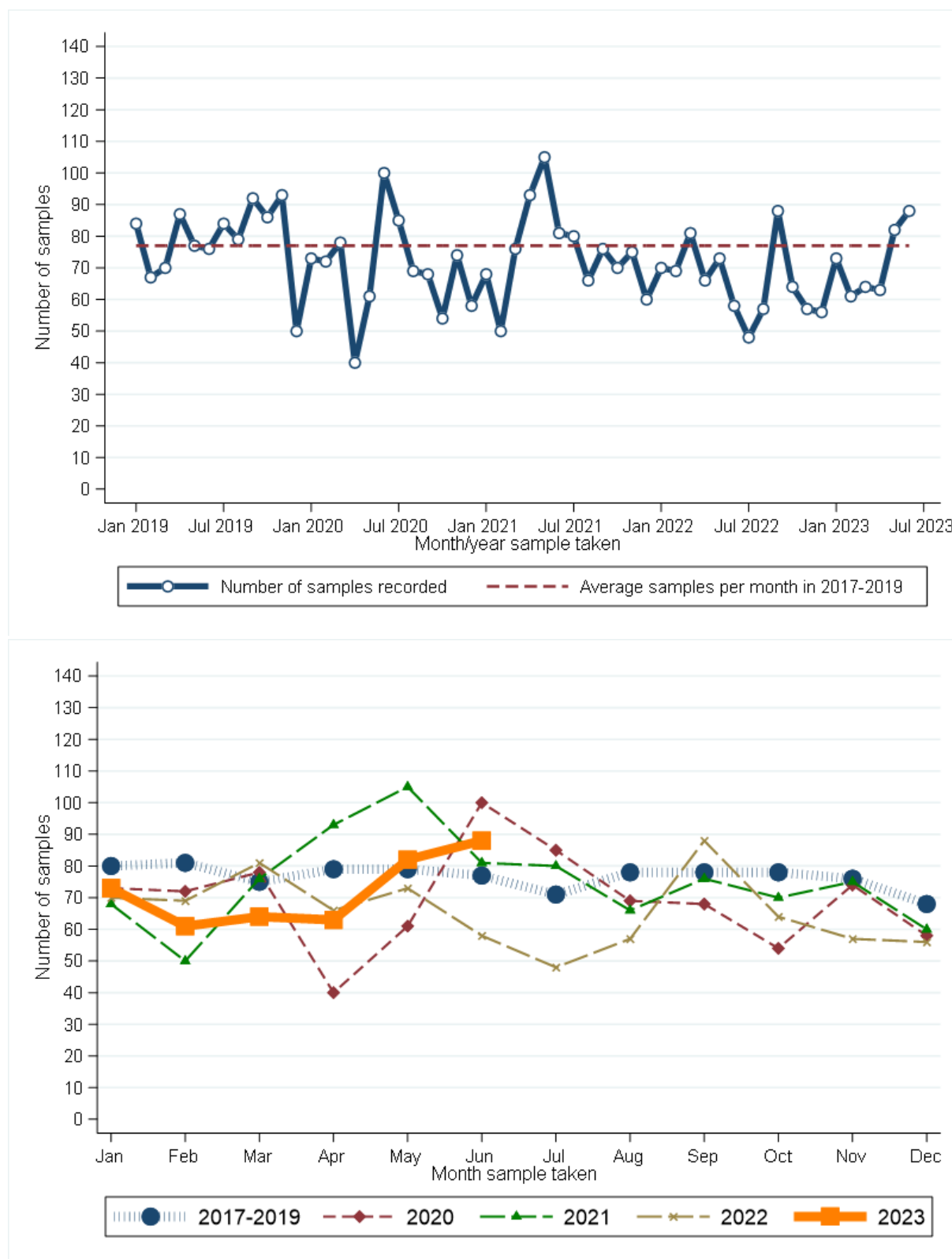
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# URINARY CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-8.6%**



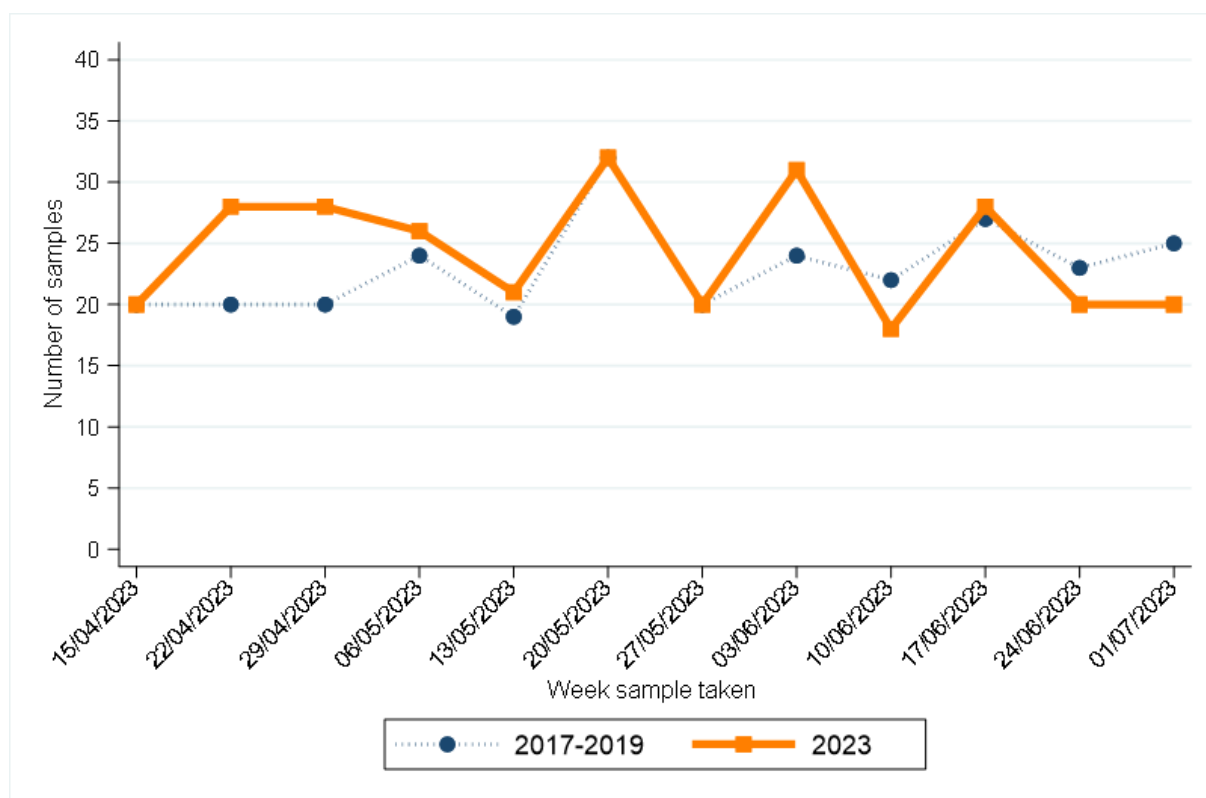
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	80	73	68	70	73	Jul	71	85	80	48	.
Feb	81	72	50	69	61	Aug	78	69	66	57	.
Mar	75	78	76	81	64	Sep	78	68	76	88	.
Apr	79	40	93	66	63	Oct	78	54	70	64	.
May	79	61	105	73	82	Nov	76	74	75	57	.
Jun	77	100	81	58	88	Dec	68	58	60	56	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+5.8%**



Week sample taken**	2017-2019*	2023	Week sample taken**	2017-2019*	2023
15/04/2023	20	20	27/05/2023	20	20
22/04/2023	20	28	03/06/2023	24	31
29/04/2023	20	28	10/06/2023	22	18
06/05/2023	24	26	17/06/2023	27	28
13/05/2023	19	21	24/06/2023	23	20
20/05/2023	32	32	01/07/2023	25	20

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

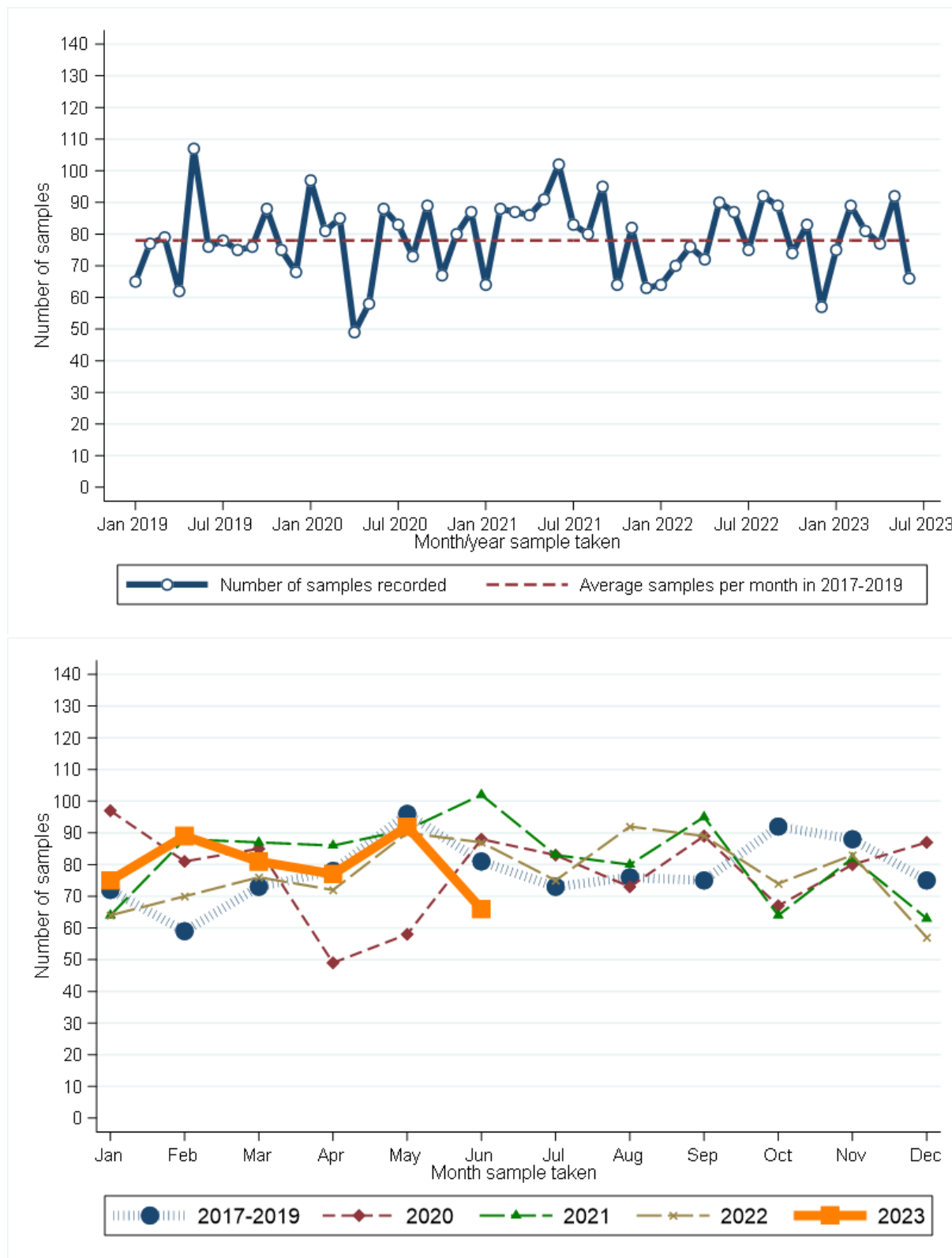
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# HAEMATOLOGICAL CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

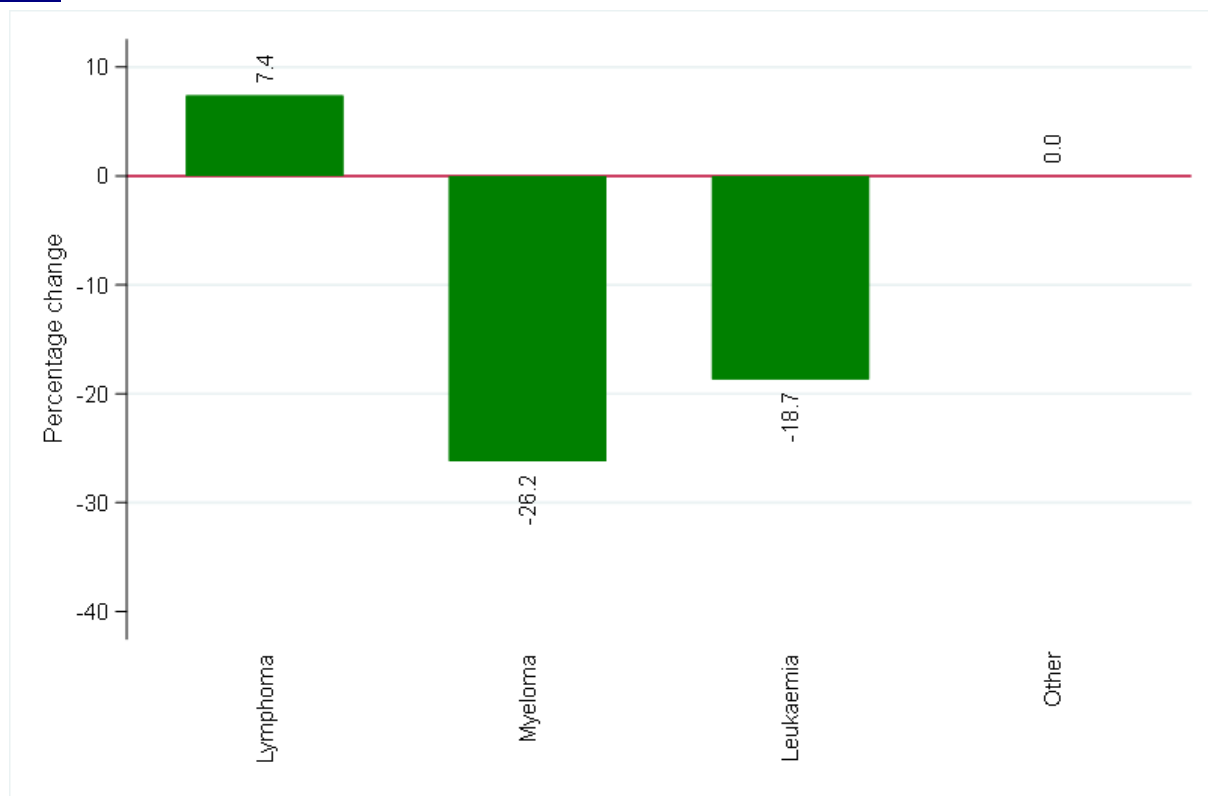
**+0.4%**



Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	72	97	64	64	75	Jul	73	83	83	75	.
Feb	59	81	88	70	89	Aug	76	73	80	92	.
Mar	73	85	87	76	81	Sep	75	89	95	89	.
Apr	78	49	86	72	77	Oct	92	67	64	74	.
May	96	58	91	90	92	Nov	88	80	82	83	.
Jun	81	88	102	87	66	Dec	75	87	63	57	.

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

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



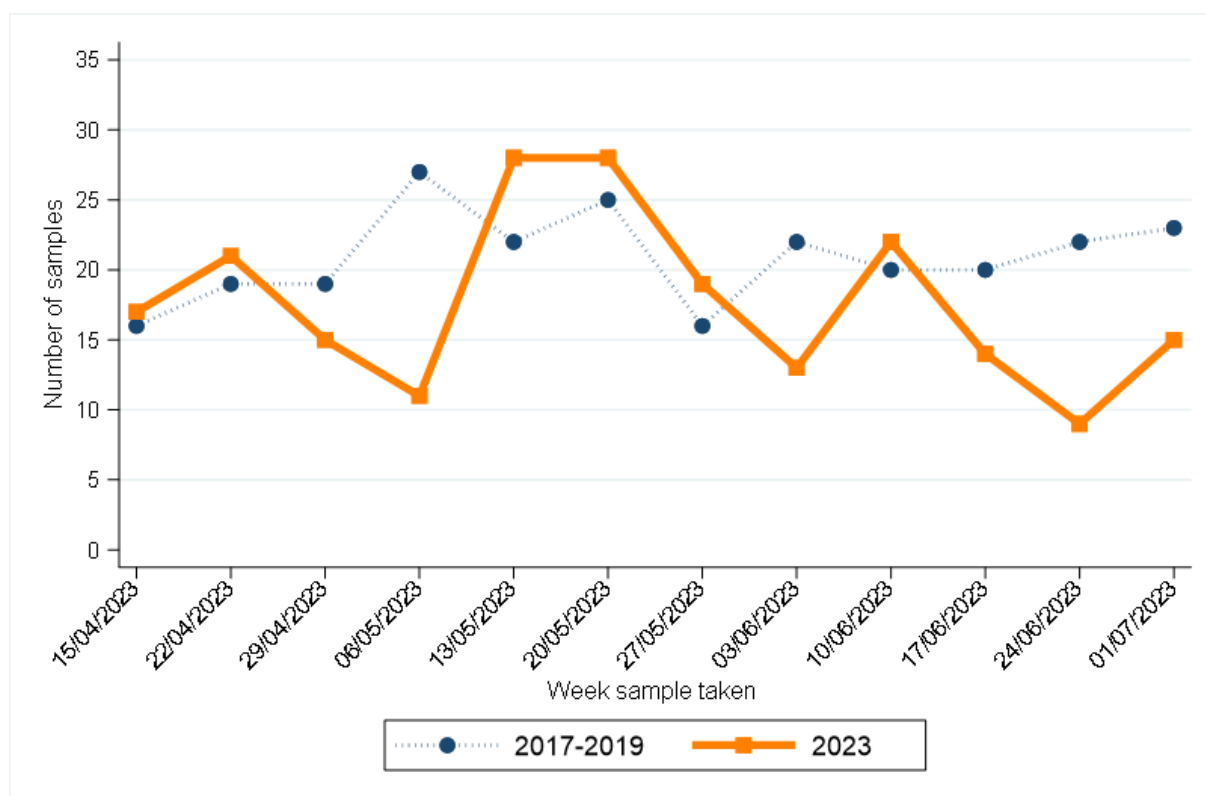
Cancer type	Number of samples (March 2020 to June 2023)	
	Expected number*	Recorded number
Lymphoma	2,423	2,603
Myeloma	416	307
Leukaemia	252	205
Other haematological cancer	38	38

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**-15.5%**



Week sample taken**	2017-2019*	2023	Week sample taken**	2017-2019*	2023
15/04/2023	16	17	27/05/2023	16	19
22/04/2023	19	21	03/06/2023	22	13
29/04/2023	19	15	10/06/2023	20	22
06/05/2023	27	11	17/06/2023	20	14
13/05/2023	22	28	24/06/2023	22	9
20/05/2023	25	28	01/07/2023	23	15

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

\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

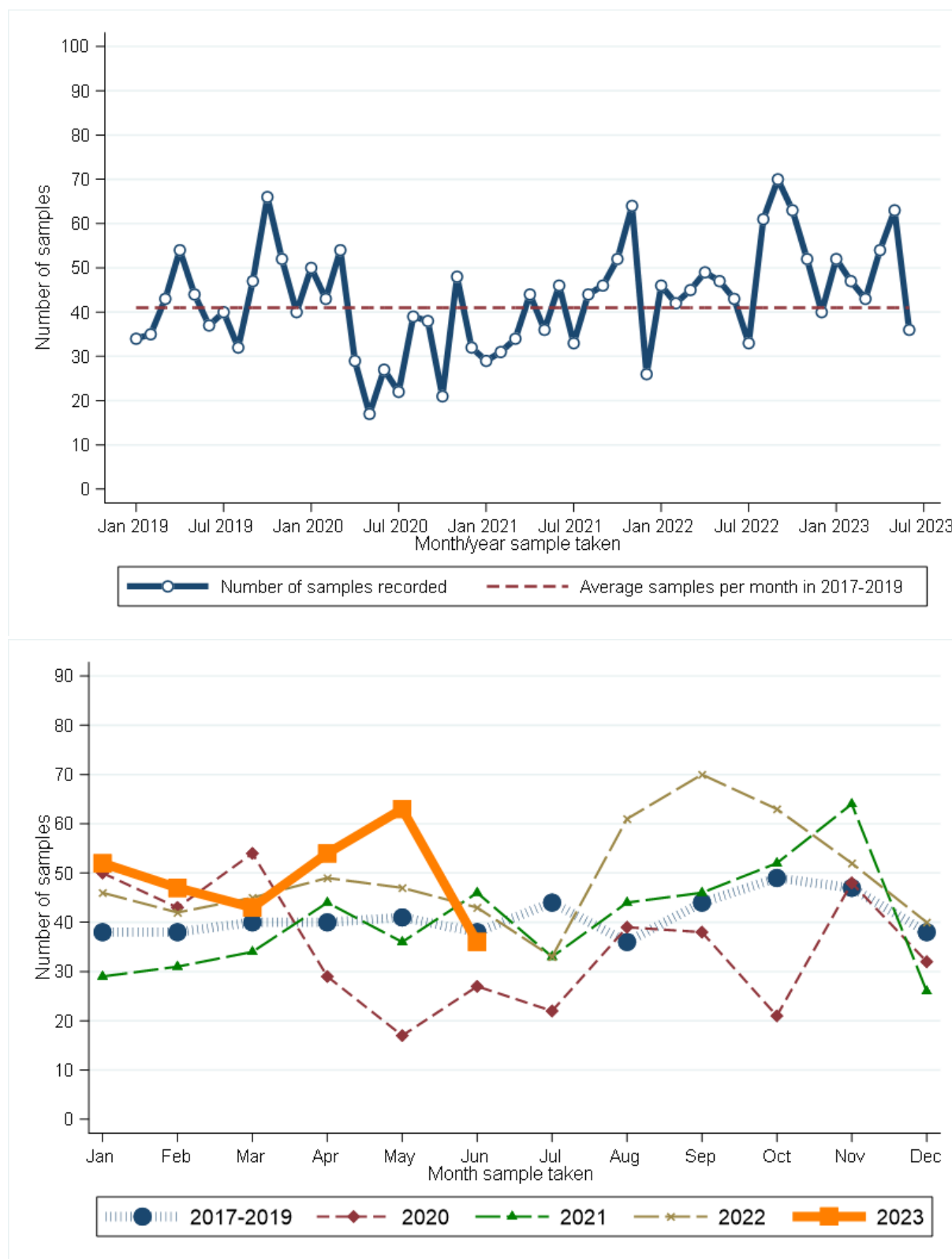


# MELANOMA

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**+3.7%**



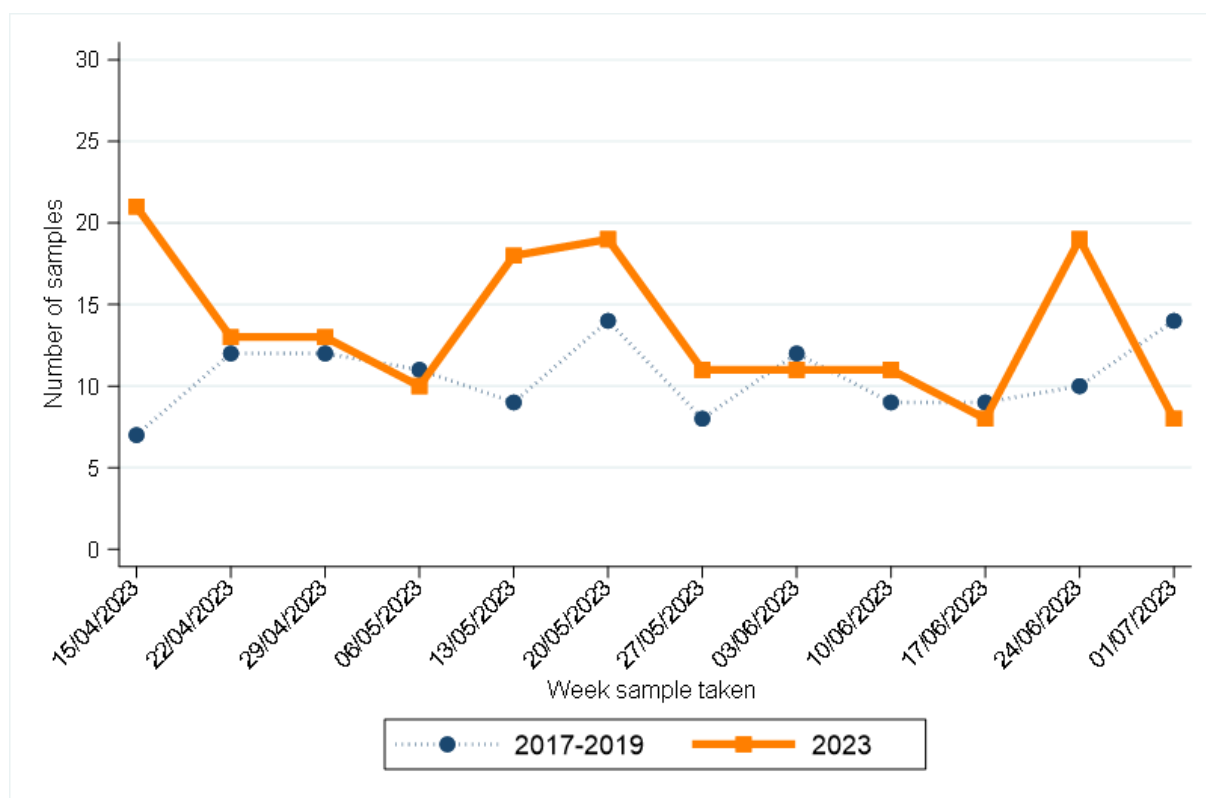
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	38	50	29	46	52	Jul	44	22	33	33	.
Feb	38	43	31	42	47	Aug	36	39	44	61	.
Mar	40	54	34	45	43	Sep	44	38	46	70	.
Apr	40	29	44	49	54	Oct	49	21	52	63	.
May	41	17	36	47	63	Nov	47	48	64	52	.
Jun	38	27	46	43	36	Dec	38	32	26	40	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+27.6%**



Week sample taken**	2017-2019*	2023
15/04/2023	7	21
22/04/2023	12	13
29/04/2023	12	13
06/05/2023	11	10
13/05/2023	9	18
20/05/2023	14	19

Week sample taken**	2017-2019*	2023
27/05/2023	8	11
03/06/2023	12	11
10/06/2023	9	11
17/06/2023	9	8
24/06/2023	10	19
01/07/2023	14	8

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

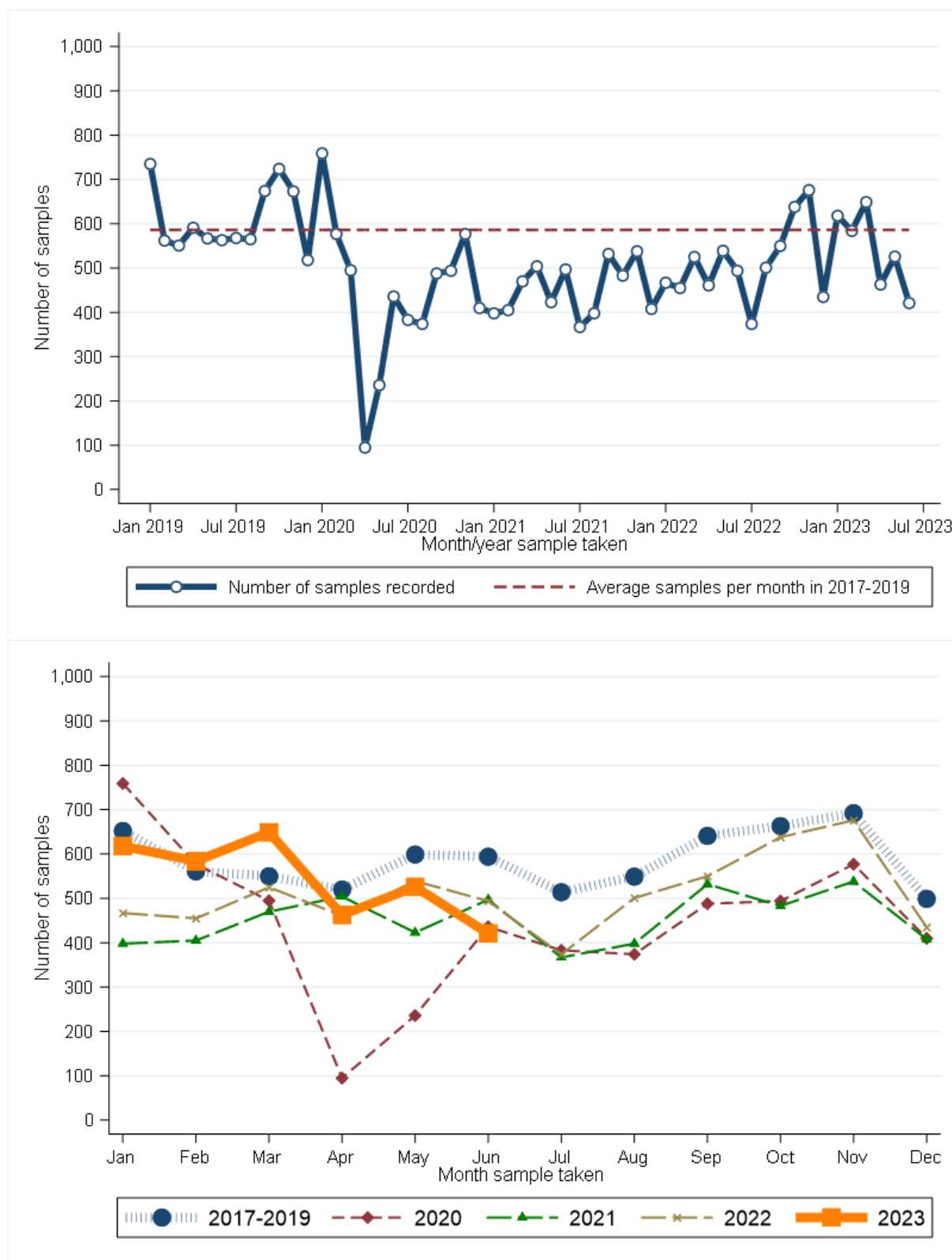
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# NON-MELANOMA SKIN CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**-19.6%**



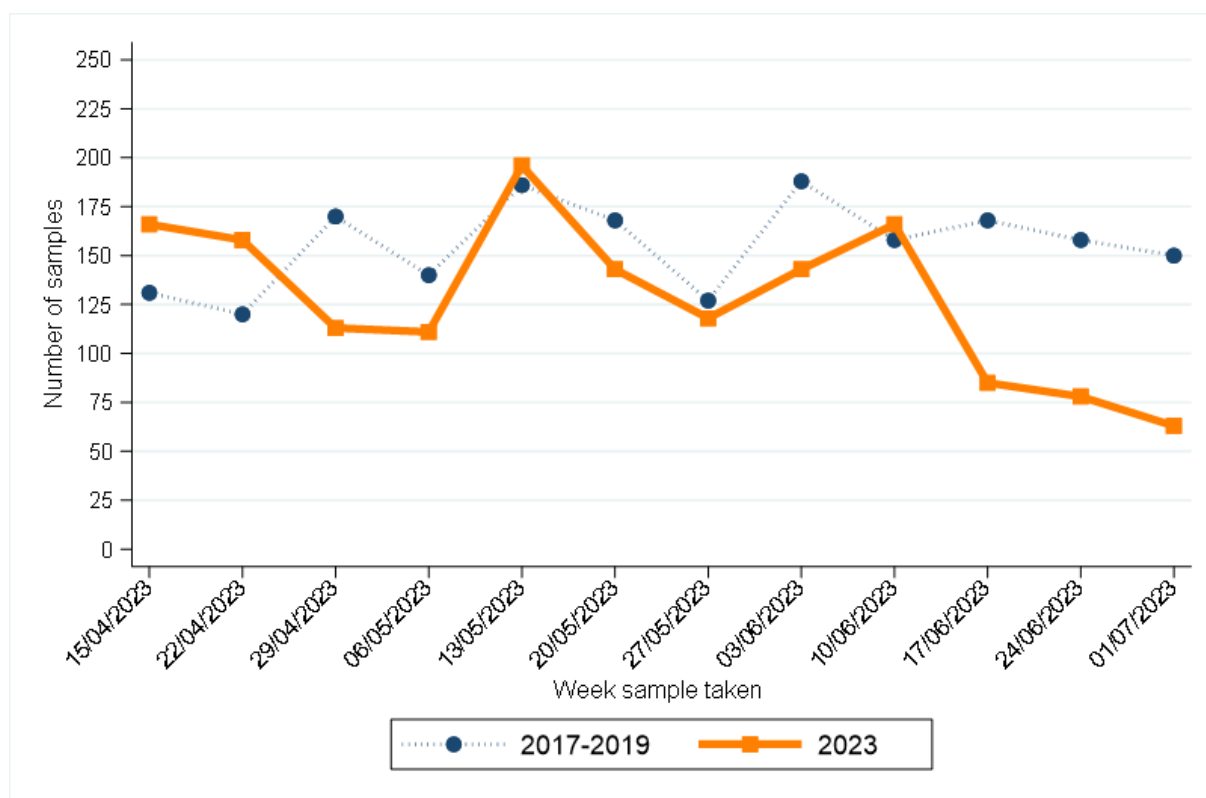
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	652	759	398	467	618	Jul	514	383	367	374	.
Feb	561	577	405	455	584	Aug	549	374	398	501	.
Mar	550	495	470	525	649	Sep	641	488	532	550	.
Apr	520	95	504	461	463	Oct	663	494	483	638	.
May	599	236	423	539	526	Nov	692	577	538	676	.
Jun	594	436	497	494	421	Dec	499	410	408	435	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**-17.4%**



Week sample taken**	2017-2019*	2023
15/04/2023	131	166
22/04/2023	120	158
29/04/2023	170	113
06/05/2023	140	111
13/05/2023	186	196
20/05/2023	168	143

Week sample taken**	2017-2019*	2023
27/05/2023	127	118
03/06/2023	188	143
10/06/2023	158	166
17/06/2023	168	85
24/06/2023	158	78
01/07/2023	150	63

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

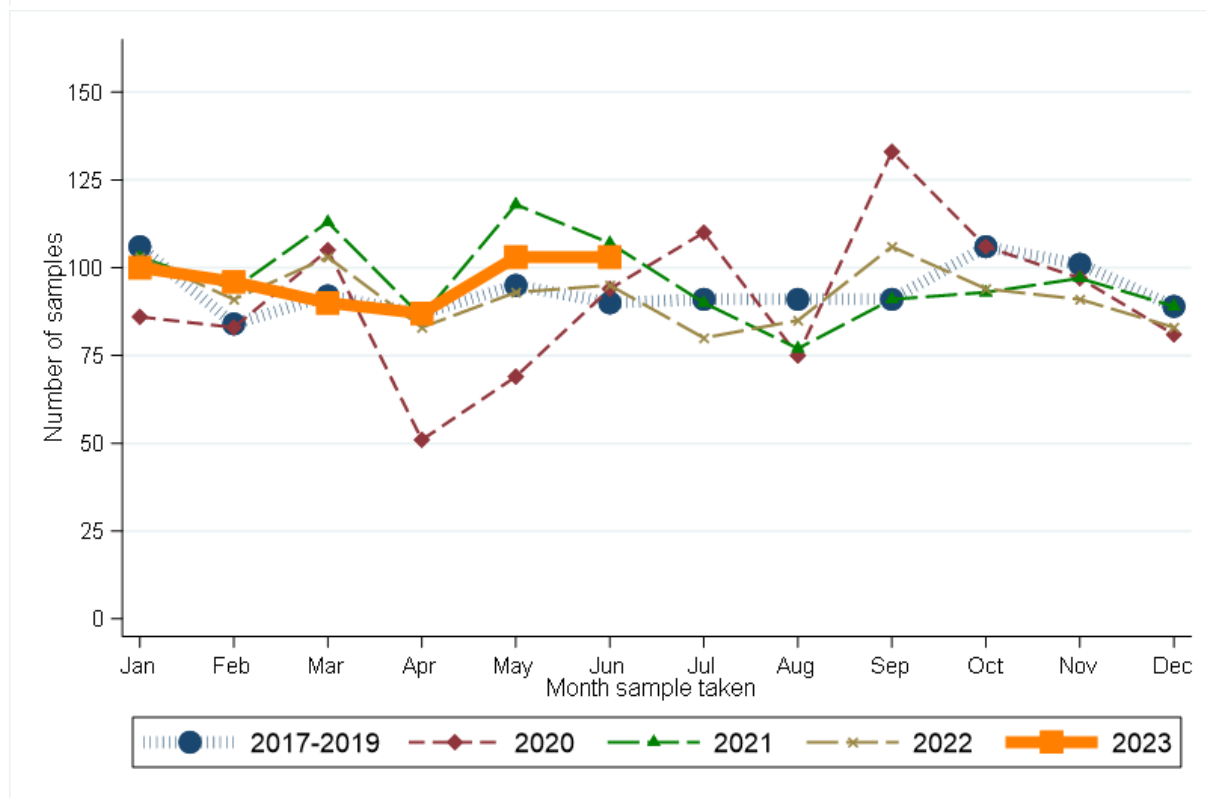
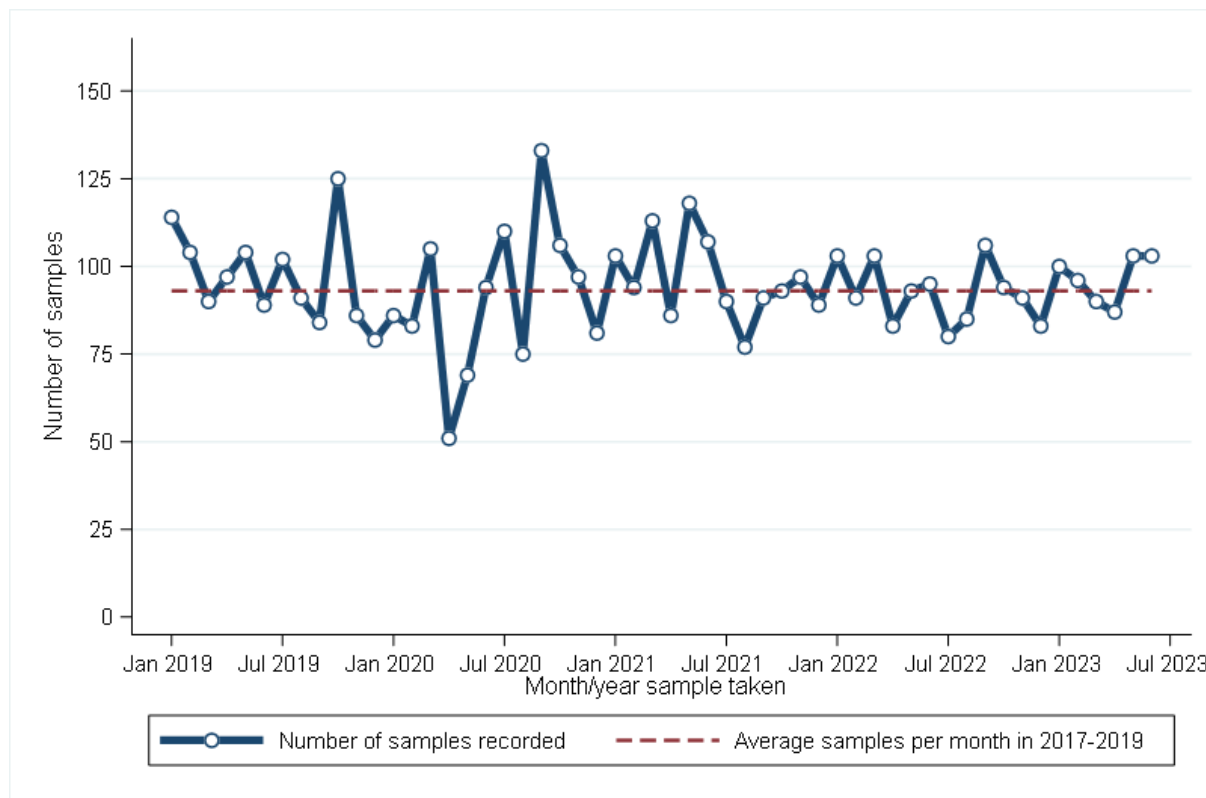
\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat week in those years.

# OTHER CANCER

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

Percentage change from March 2020 to June 2023 compared to expected number based on 2017-2019 average

**+0.9%**



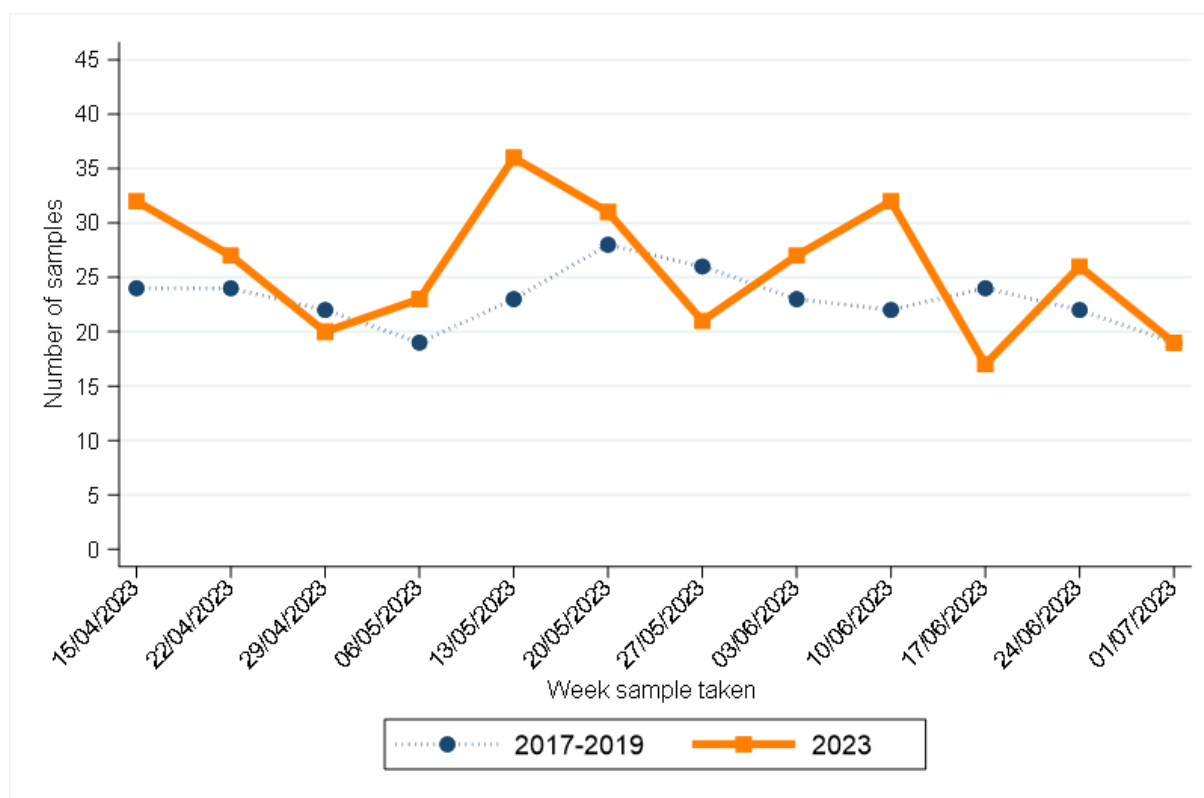
Month sample taken	2017-2019*	2020	2021	2022	2023	Month sample taken	2017-2019*	2020	2021	2022	2023
Jan	106	86	103	103	100	Jul	91	110	90	80	.
Feb	84	83	94	91	96	Aug	91	75	77	85	.
Mar	92	105	113	103	90	Sep	91	133	91	106	.
Apr	87	51	86	83	87	Oct	106	106	93	94	.
May	95	69	118	93	103	Nov	101	97	97	91	.
Jun	90	94	107	95	103	Dec	89	81	89	83	.

\* 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 01/07/2023 compared to expected number based on 2017-2019 average

**+12.7%**



Week sample taken**	2017-2019*	2023
15/04/2023	24	32
22/04/2023	24	27
29/04/2023	22	20
06/05/2023	19	23
13/05/2023	23	36
20/05/2023	28	31

Week sample taken**	2017-2019*	2023
27/05/2023	26	21
03/06/2023	23	27
10/06/2023	22	32
17/06/2023	24	17
24/06/2023	22	26
01/07/2023	19	19

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

\*\* Date shown refers to the end date of the week in 2023. Data for previous years refers to the equivalent Sun-Sat 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 June 2023. Due to potential reporting delays, pathology data from the month following June 2023 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 2023. 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, pancreas, 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.