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

**August 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 patients with pathology samples indicating cancer: August 2022

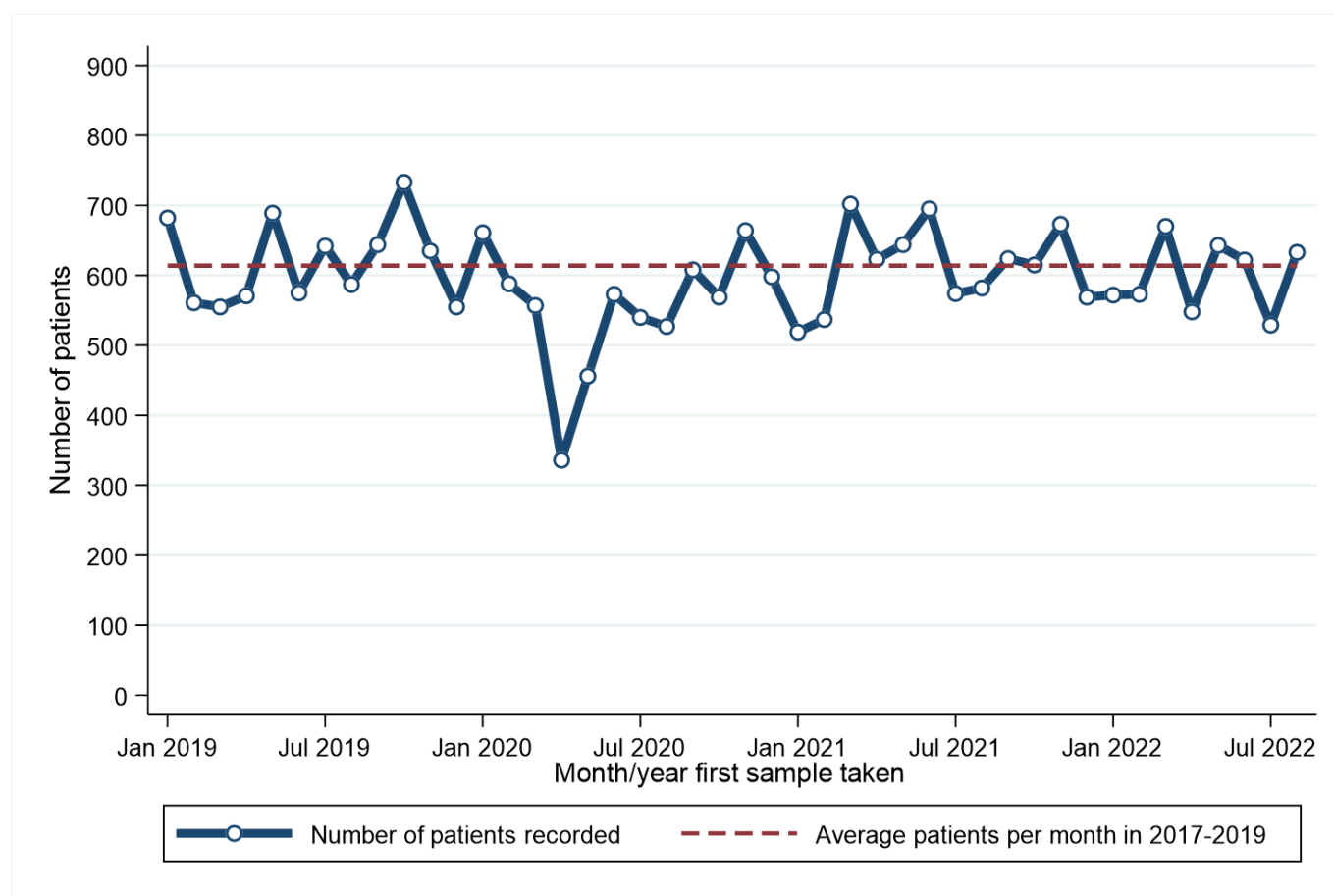
This summary provides an overview of recent trends in the number of patients with pathology samples indicating cancer (excluding non-melanoma skin cancer, NMSC) whose first sample was taken from January 2020 to August 2022 in Northern Ireland.

These trends are contrasted with the annual average number of patients with 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.

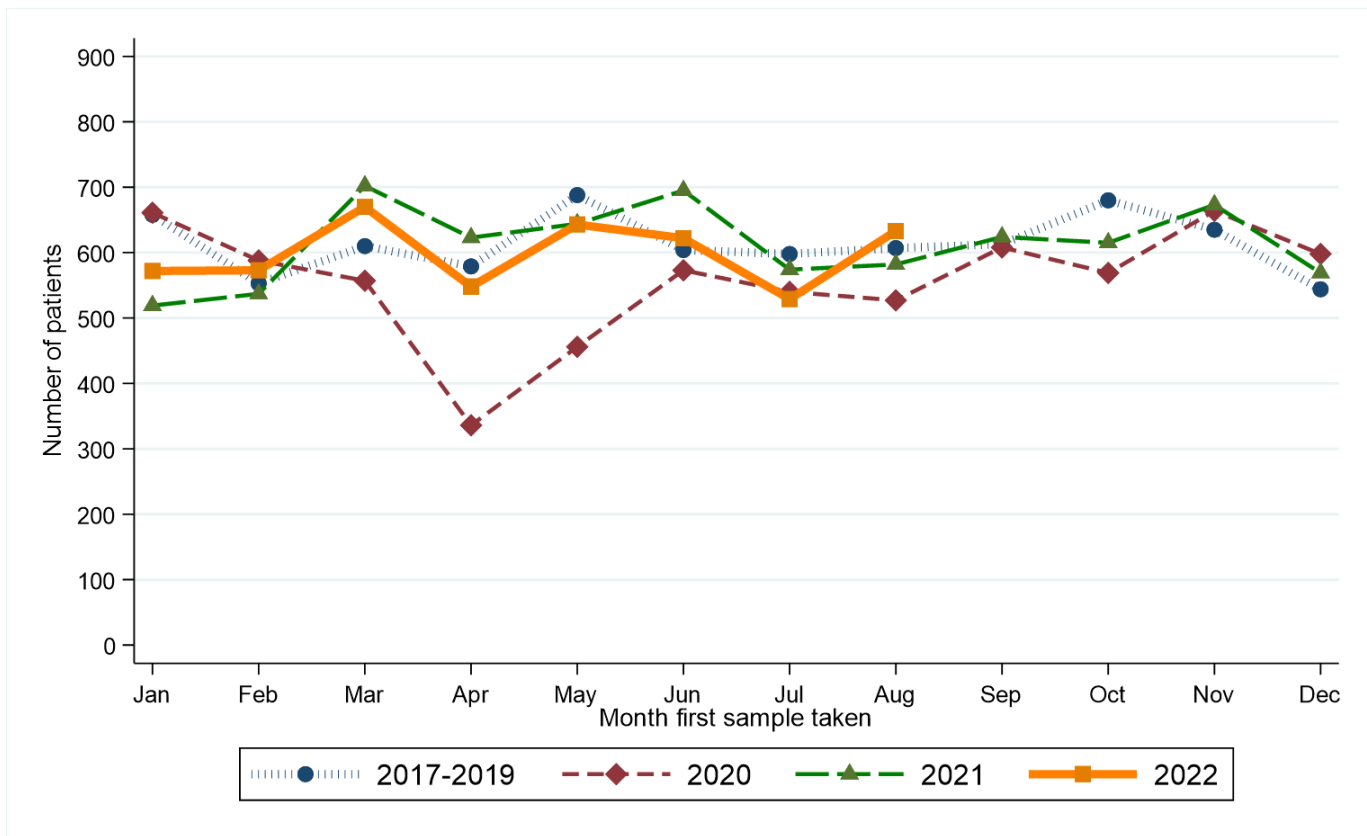
Data are sourced from the four NHS pathology laboratories in NI (Belfast, Altnagelvin, Antrim, Craigavon), which are usually provided to NICR on a monthly basis. **Altnagelvin laboratory is excluded from some analysis as a change in recording systems led to an undercount in the number of reported samples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

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

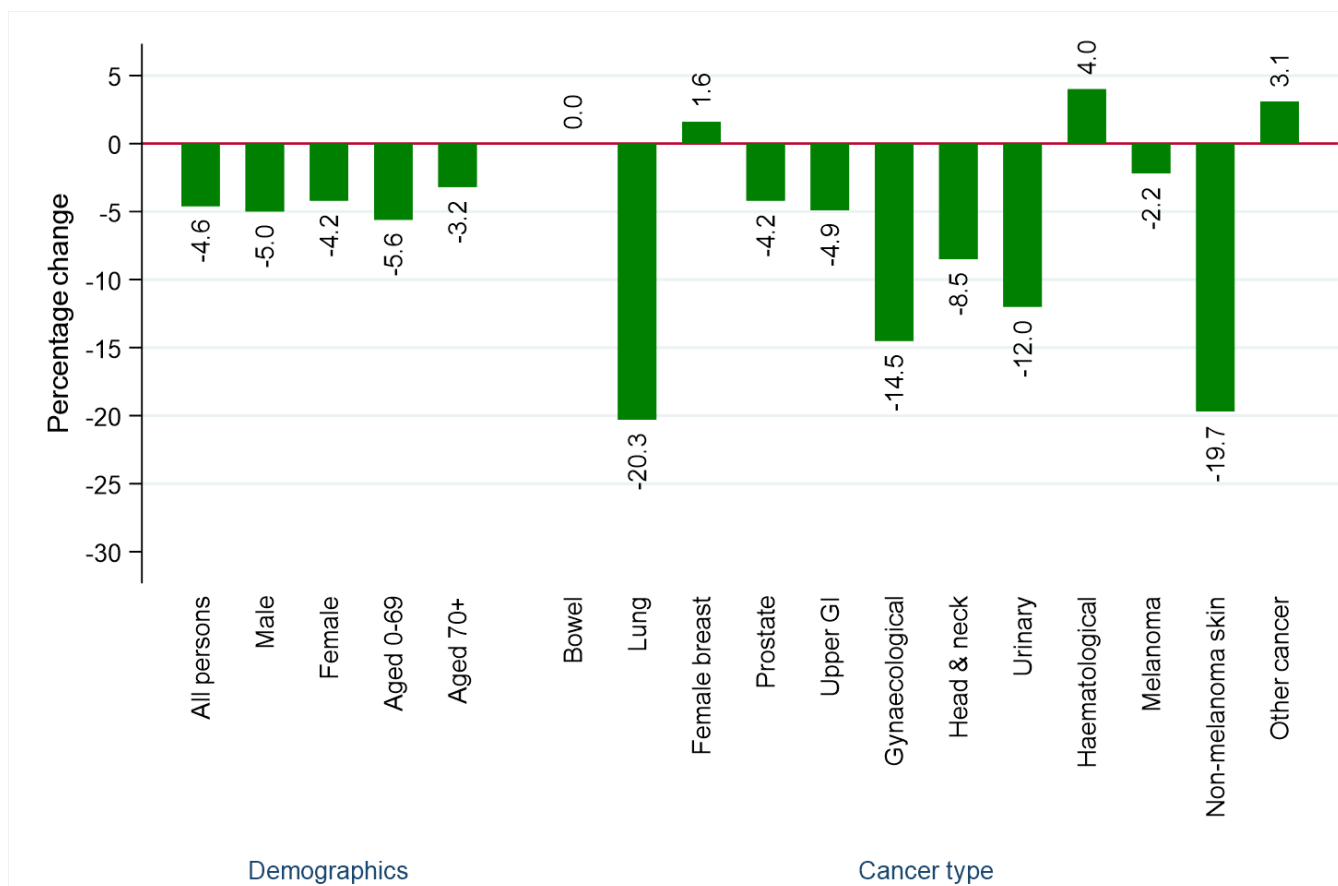
From March 2020 to August 2022 the number of patients with a pathological sample indicating cancer (ex NMSC) was 4.6% lower than the average number for the same time period in 2017-2019.



From March 2020 to August 2022 there was a 5.0% decrease among males and a 4.2% decrease among females compared to the same time period in 2017-2019. A decrease of 5.6% occurred in the number of patients aged 0-69 years, while there was a decrease of 3.2% among those aged 70 and older.

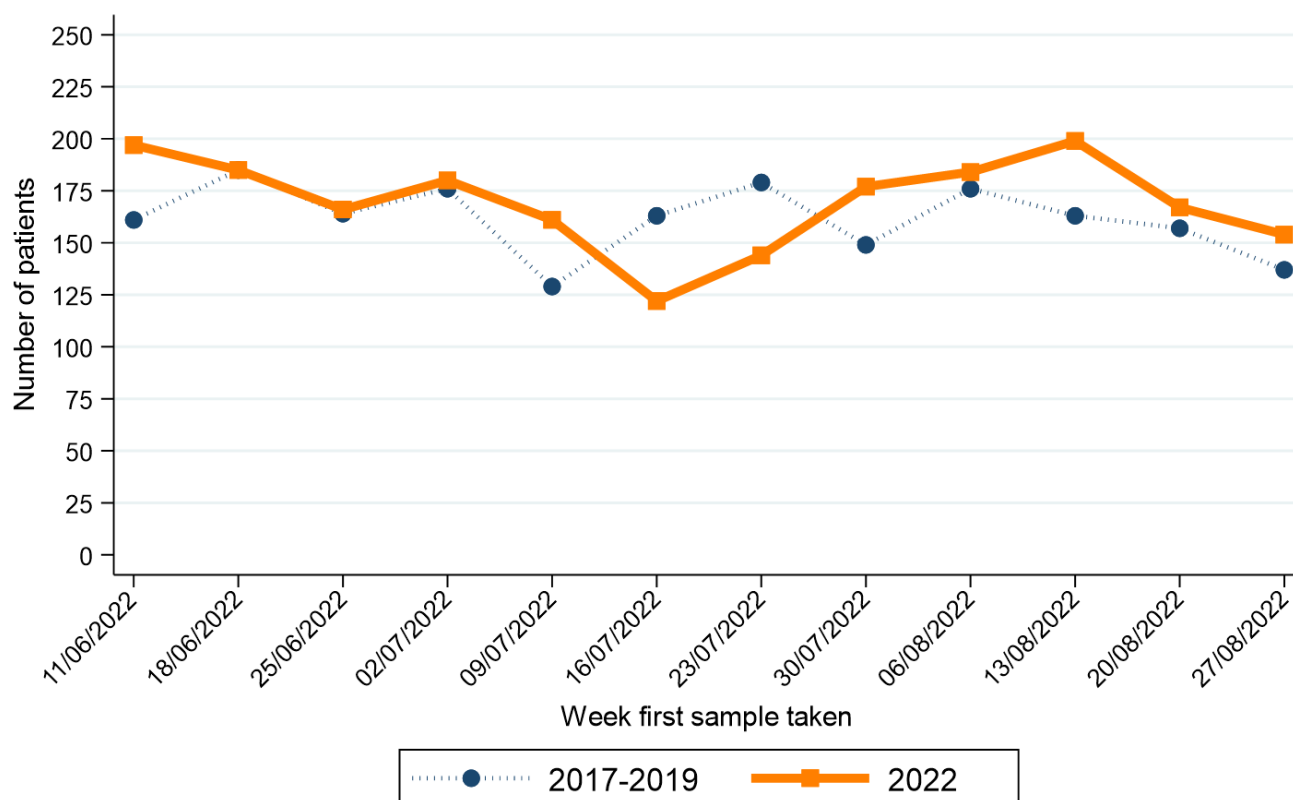


Compared to the annual average in 2017-2019, from March 2020 to August 2022 the number of patients with a pathology sample indicating lung cancer decreased by 20.3%. Increases were recorded for female breast cancer and haematological cancer, while decreases of more than 10% were recorded for gynaecological cancer, urinary cancer and non-melanoma skin cancer.

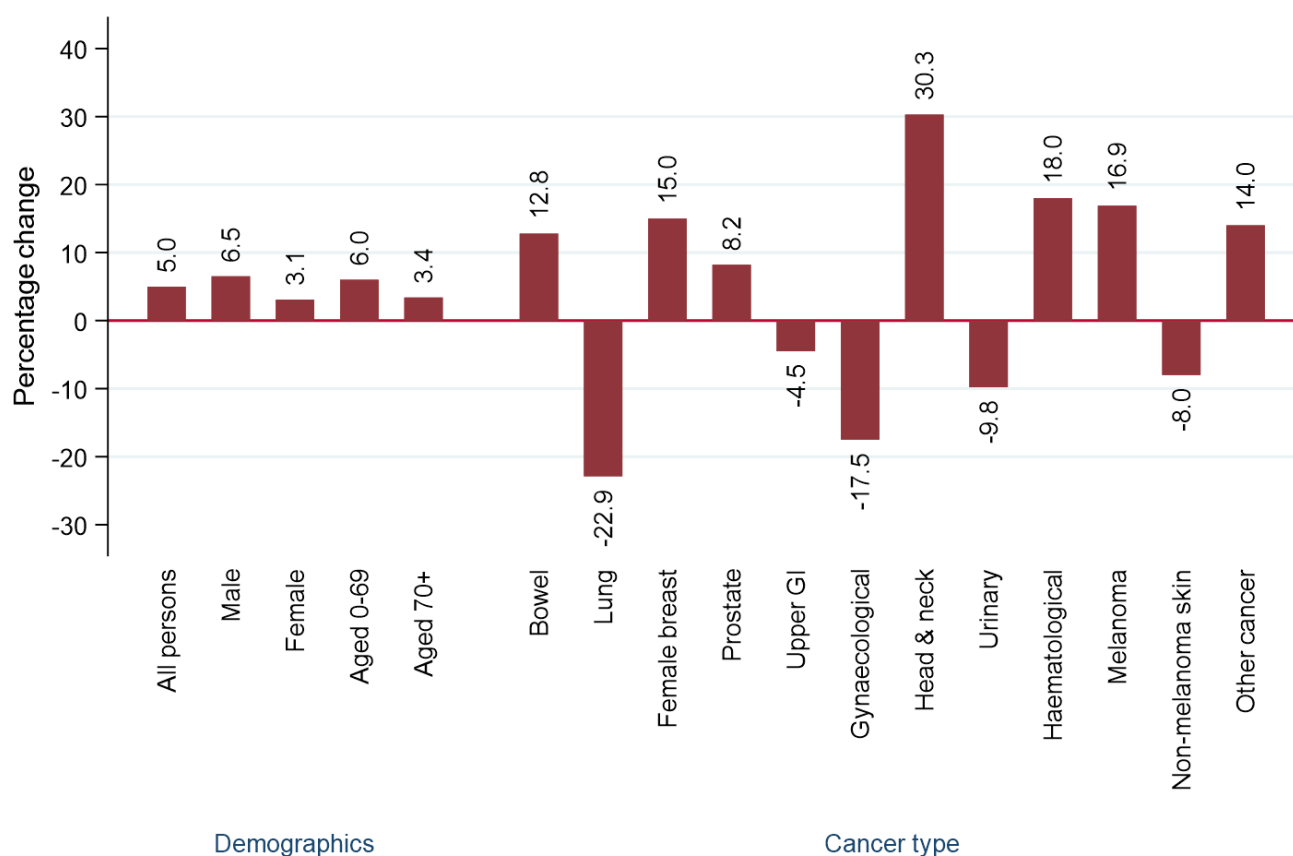


### RECENT CHANGES IN THE NUMBER OF PATIENTS (Includes Altnagelvin)

There was a 5.0% increase in the number of patients with a pathology sample indicating cancer in the twelve weeks up to 27/08/2022 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 27/08/2022 there was a 6.5% increase among males and a 3.1% increase among females compared to the same time period in 2017-2019. An increase of 6.0% occurred in the number of patients aged 0-69 years, while there was an increase of 3.4% among those aged 70 and older.

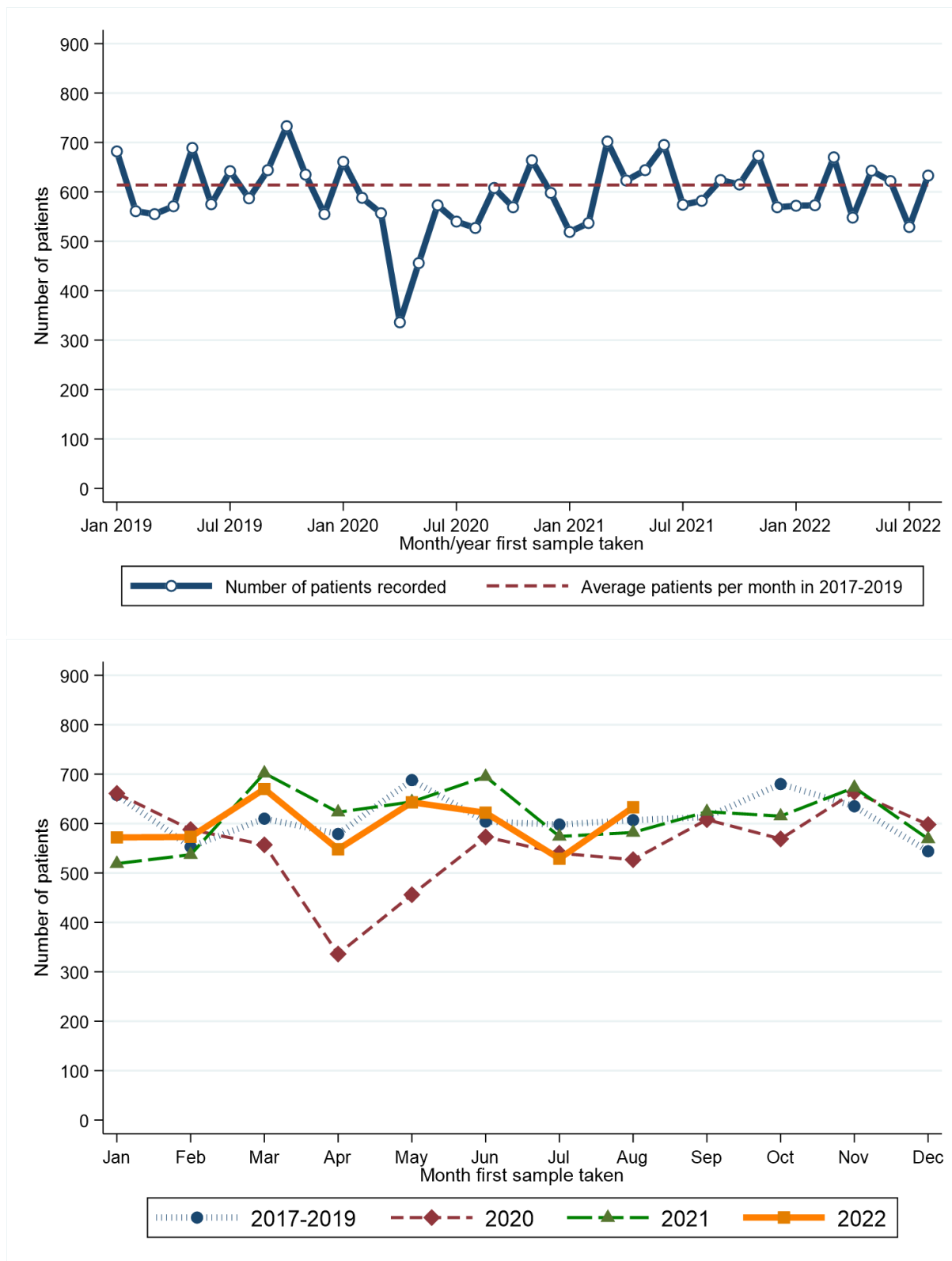
Compared to the annual average in 2017-2019, in the twelve weeks up to 27/08/2022 the number of patients with a pathology sample indicating lung cancer decreased by 22.9%. Increases were recorded for bowel cancer, female breast cancer, prostate cancer, head and neck cancer, haematological cancer and melanoma, while decreases of more than 10% were recorded for gynaecological cancer.

# ALL PERSONS: CANCER (EX NMSC)

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

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

**-4.6%**



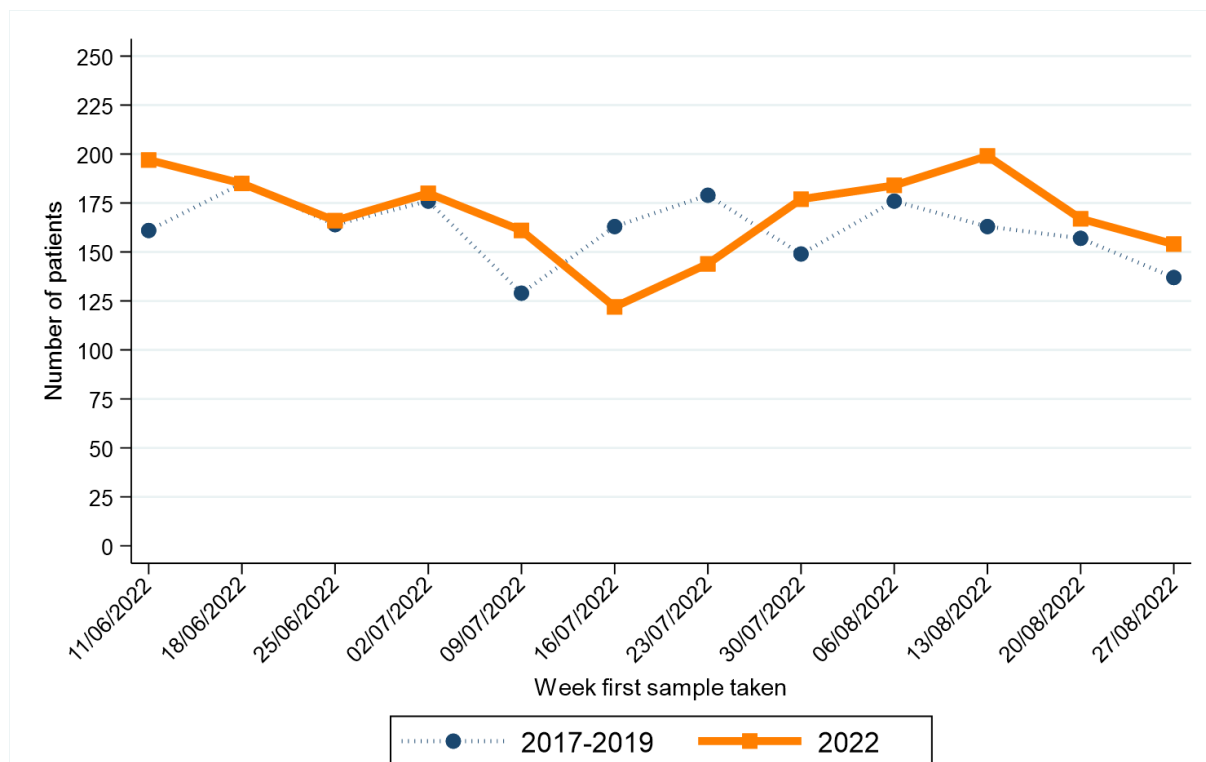
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	658	661	519	572	Jul	598	540	574	529
Feb	553	588	537	573	Aug	607	527	582	633
Mar	610	557	702	670	Sep	613	608	624	.
Apr	579	336	623	548	Oct	680	569	615	.
May	688	456	644	643	Nov	635	664	673	.
Jun	604	573	695	622	Dec	544	598	569	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+5.0%**



Week first sample taken**	2017-2019*	2022
11/06/2022	161	197
18/06/2022	185	185
25/06/2022	164	166
02/07/2022	176	180
09/07/2022	129	161
16/07/2022	163	122

Week first sample taken**	2017-2019*	2022
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	167
27/08/2022	137	154

\* Average patients 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.

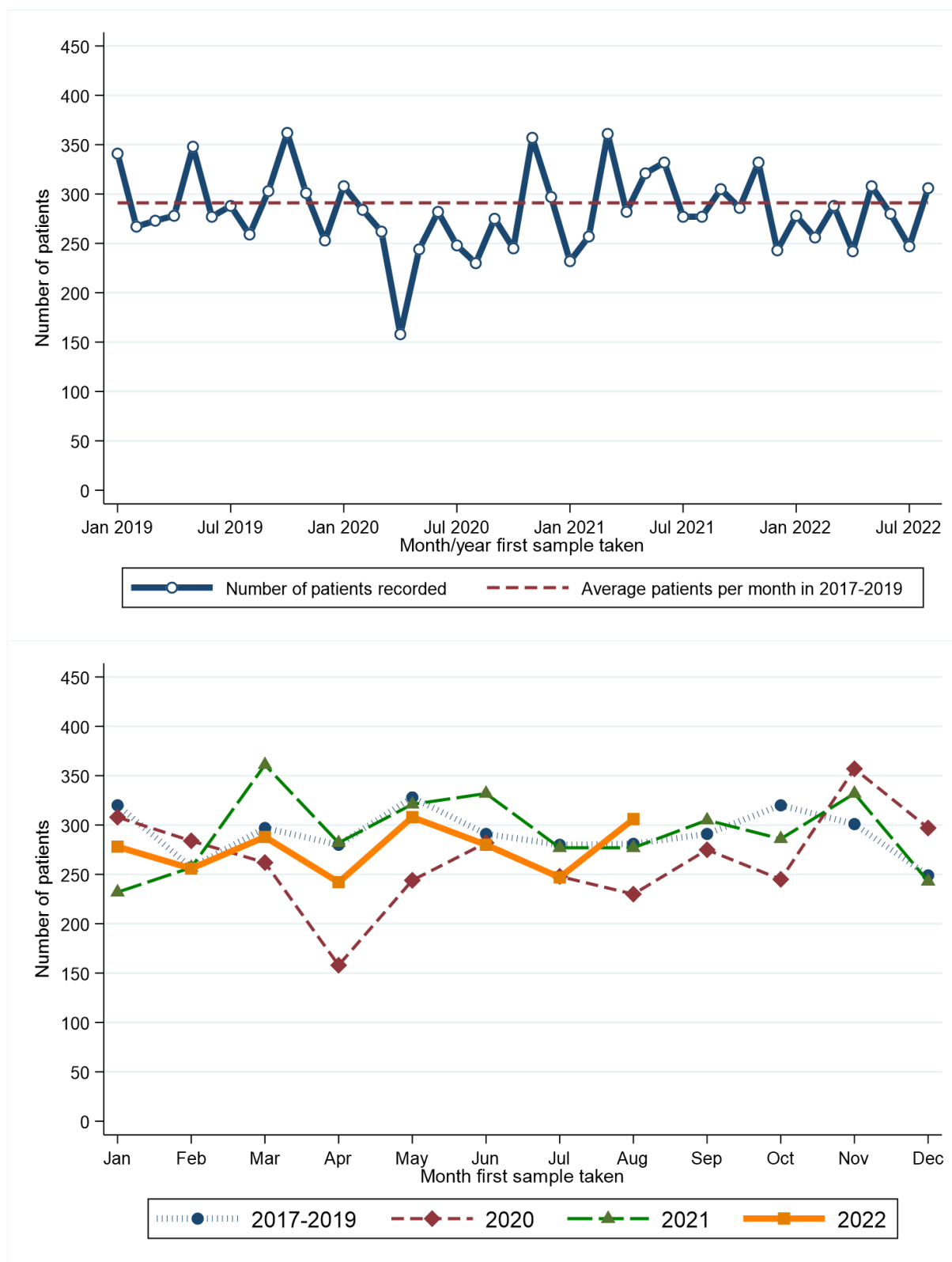


# MALE: CANCER (EX NMSC)

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

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

**-5.0%**



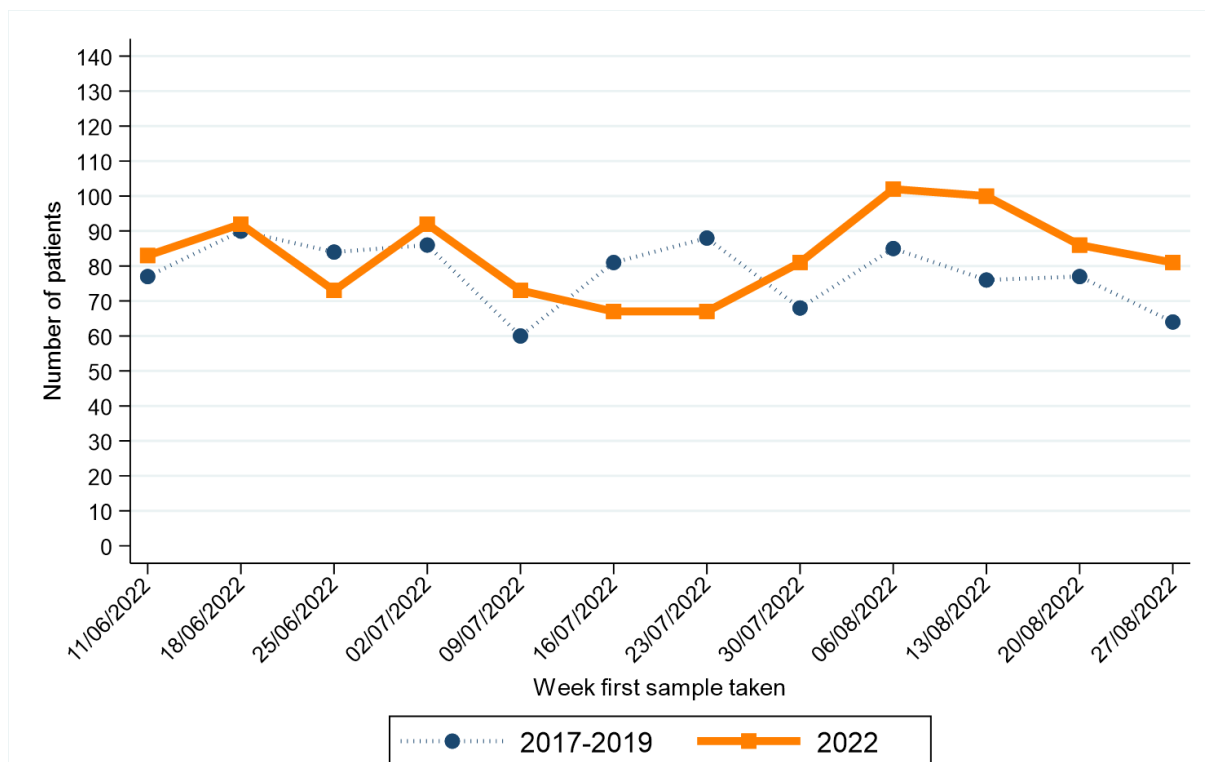
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	320	308	232	278	Jul	280	248	277	247
Feb	257	284	257	256	Aug	281	230	277	306
Mar	297	262	361	288	Sep	291	275	305	.
Apr	280	158	282	242	Oct	320	245	286	.
May	328	244	321	308	Nov	301	357	332	.
Jun	291	282	332	280	Dec	249	297	243	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+6.5%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

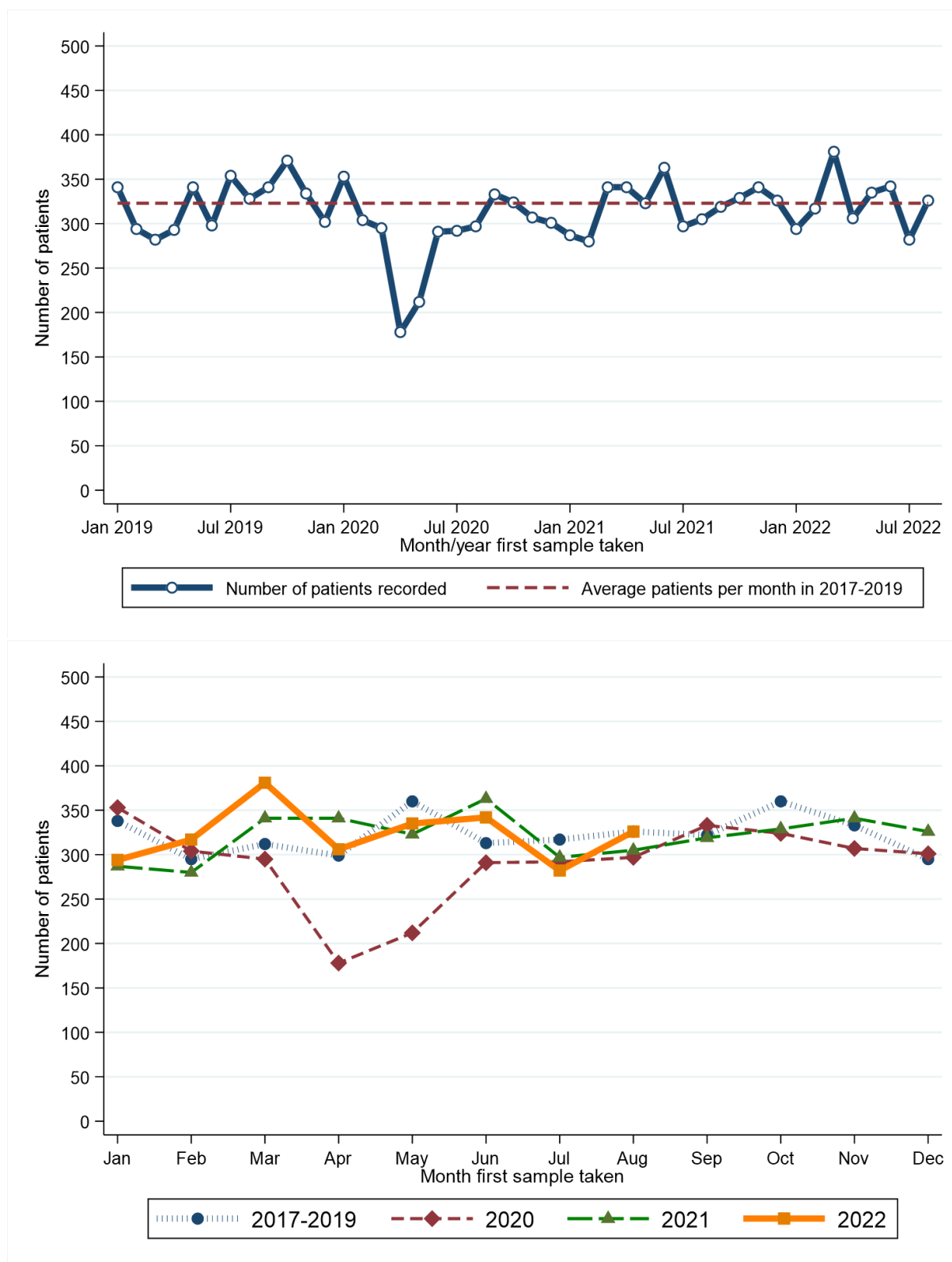
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# FEMALE: CANCER (EX NMSC)

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

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

**-4.2%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	338	353	287	294
Feb	295	304	280	317
Mar	312	295	341	381
Apr	299	178	341	306
May	360	212	323	335
Jun	313	291	363	342

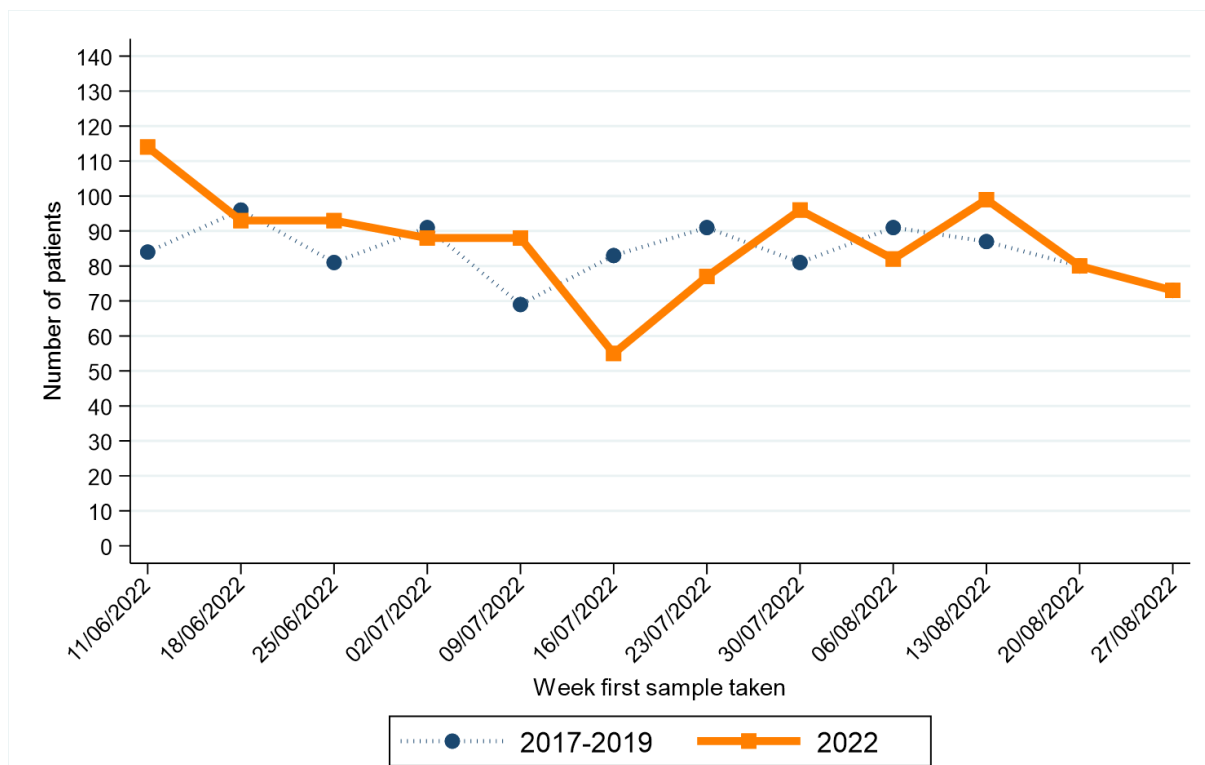
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	317	292	297	282
Aug	326	297	305	326
Sep	322	333	319	.
Oct	360	324	329	.
Nov	333	307	341	.
Dec	295	301	326	.

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

Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average

**+3.1%**



Week first sample taken**	2017-2019*	2022
11/06/2022	161	197
18/06/2022	185	185
25/06/2022	164	166
02/07/2022	176	180
09/07/2022	129	161
16/07/2022	163	122

Week first sample taken**	2017-2019*	2022
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	167
27/08/2022	137	154

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

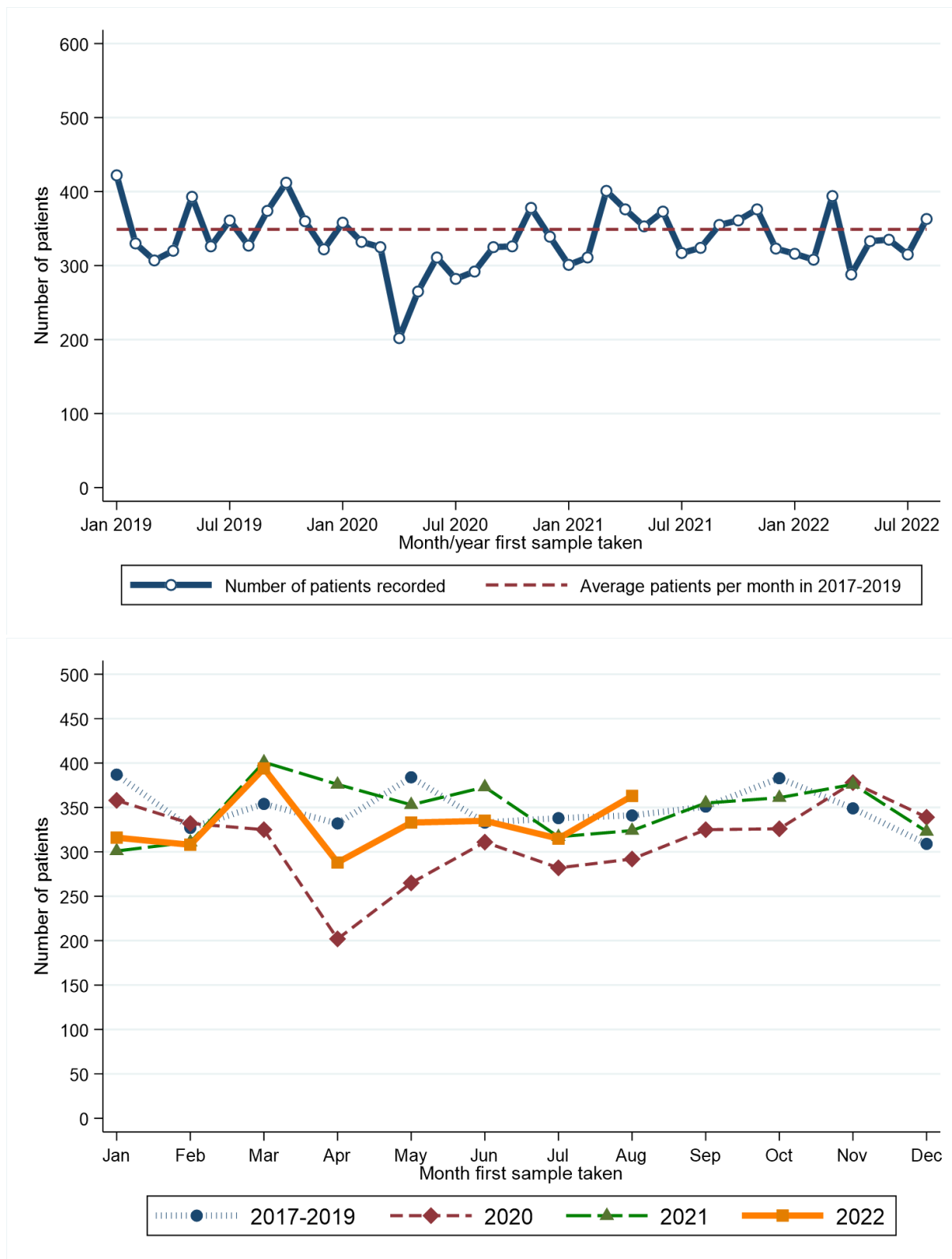
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# AGED 0-69: CANCER (EX NMSC)

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

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

**-5.6%**



Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	387	358	301	316	Jul	338	282	317	315
Feb	327	332	311	308	Aug	341	292	324	363
Mar	354	325	401	394	Sep	351	325	355	.
Apr	332	202	376	288	Oct	383	326	361	.
May	384	265	353	333	Nov	349	378	376	.
Jun	333	311	373	335	Dec	309	339	323	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+6.0%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

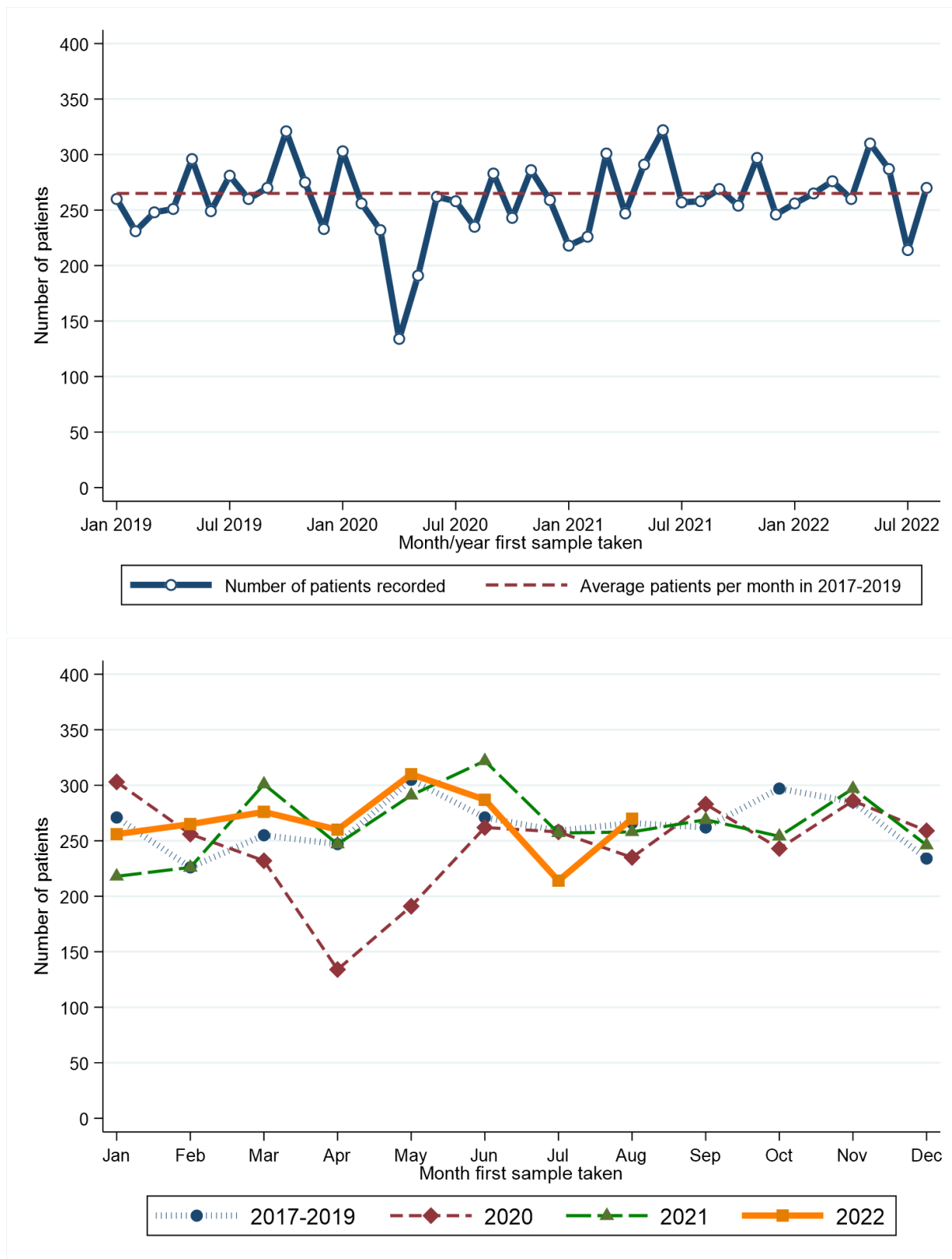
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# AGED 70+: CANCER (EX NMSC)

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

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

**-3.2%**



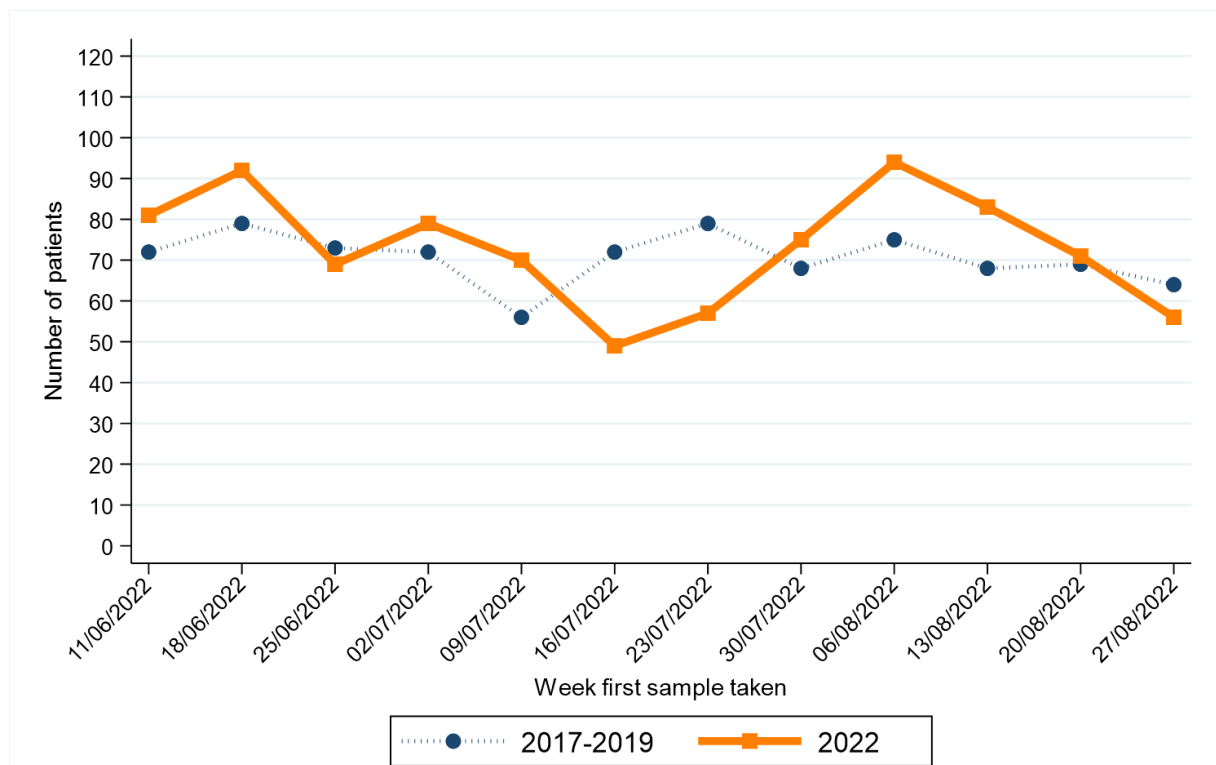
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	271	303	218	256	Jul	259	258	257	214
Feb	226	256	226	265	Aug	266	235	258	270
Mar	255	232	301	276	Sep	262	283	269	.
Apr	247	134	247	260	Oct	297	243	254	.
May	305	191	291	310	Nov	285	286	297	.
Jun	271	262	322	287	Dec	234	259	246	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+3.4%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

\* Average patients 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.

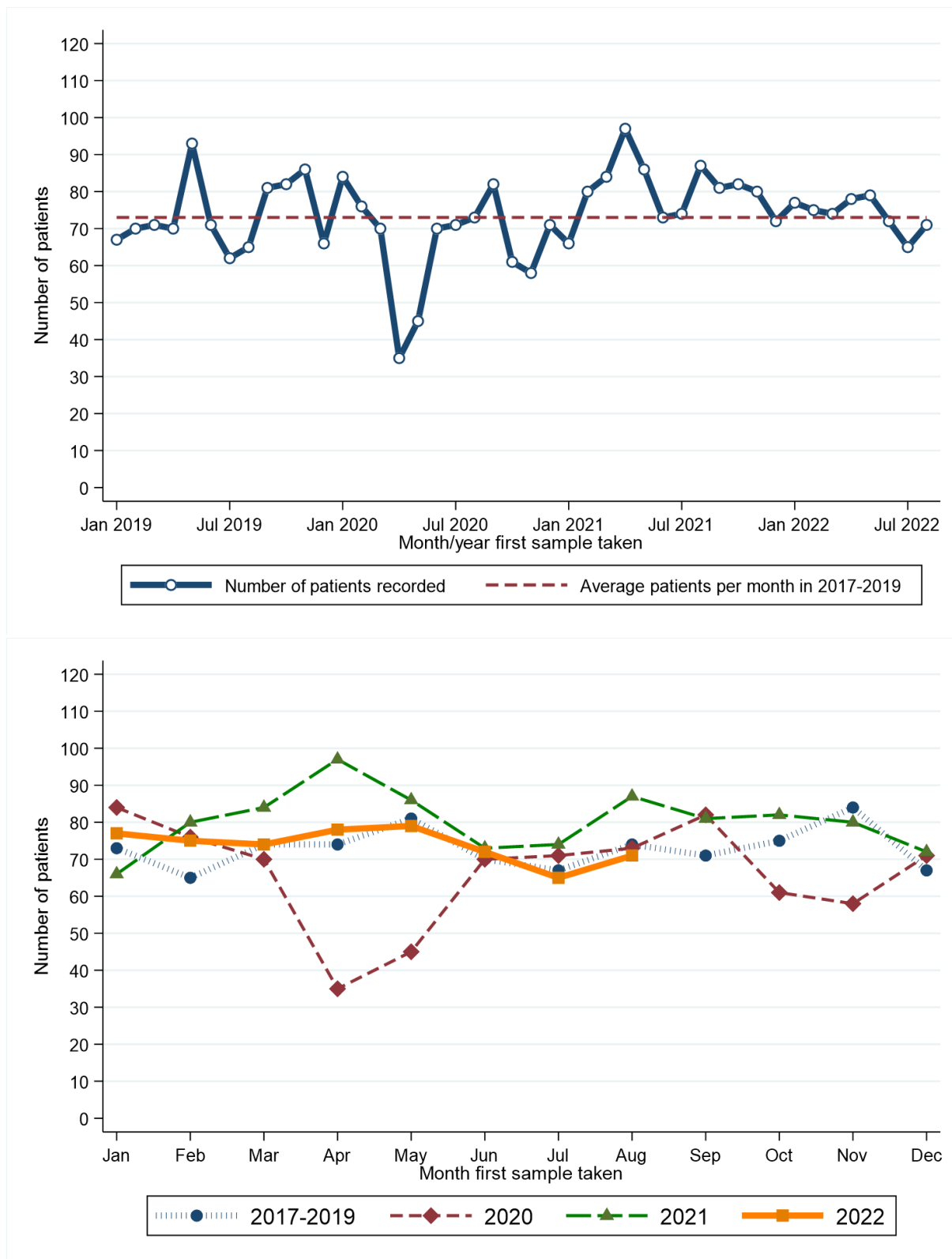


# BOWEL CANCER

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

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

**0.0%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	73	84	66	77
Feb	65	76	80	75
Mar	74	70	84	74
Apr	74	35	97	78
May	81	45	86	79
Jun	70	70	73	72

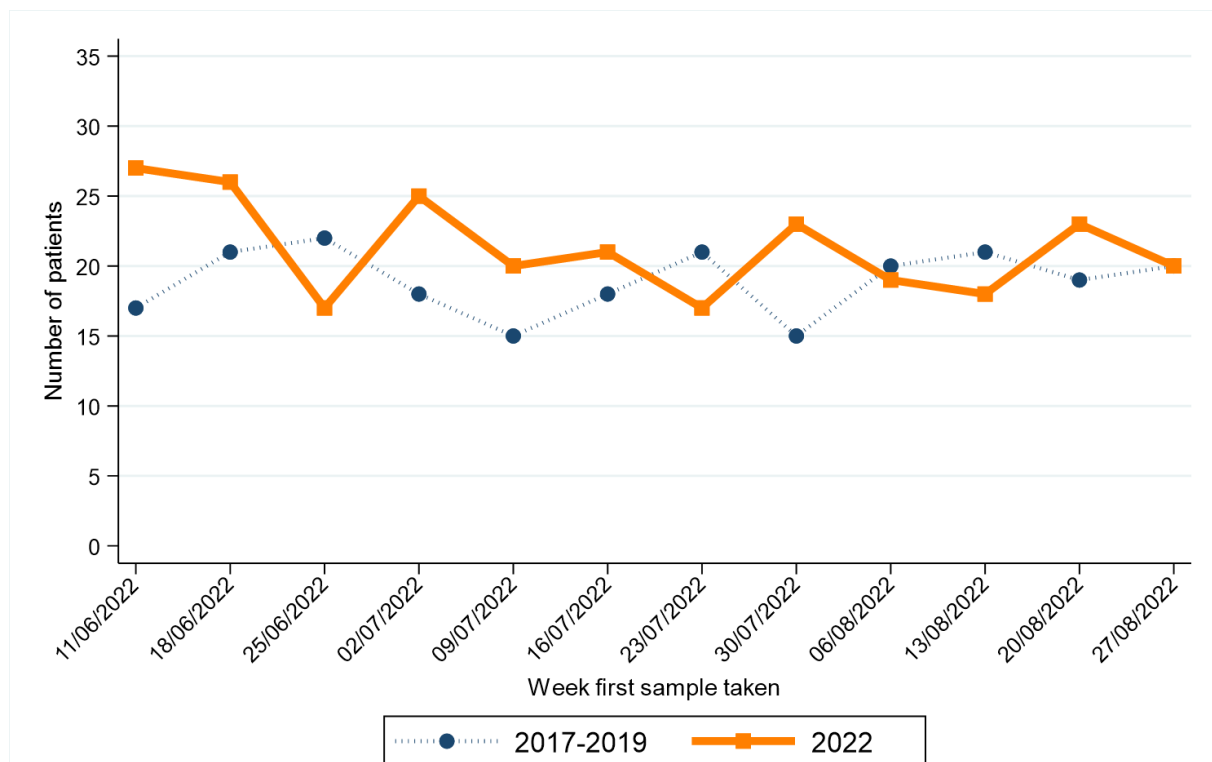
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	67	71	74	65
Aug	74	73	87	71
Sep	71	82	81	.
Oct	75	61	82	.
Nov	84	58	80	.
Dec	67	71	72	.

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+12.8%**



Week first sample taken**	2017-2019*	2022
11/06/2022	161	197
18/06/2022	185	185
25/06/2022	164	166
02/07/2022	176	180
09/07/2022	129	161
16/07/2022	163	122

Week first sample taken**	2017-2019*	2022
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	167
27/08/2022	137	154

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

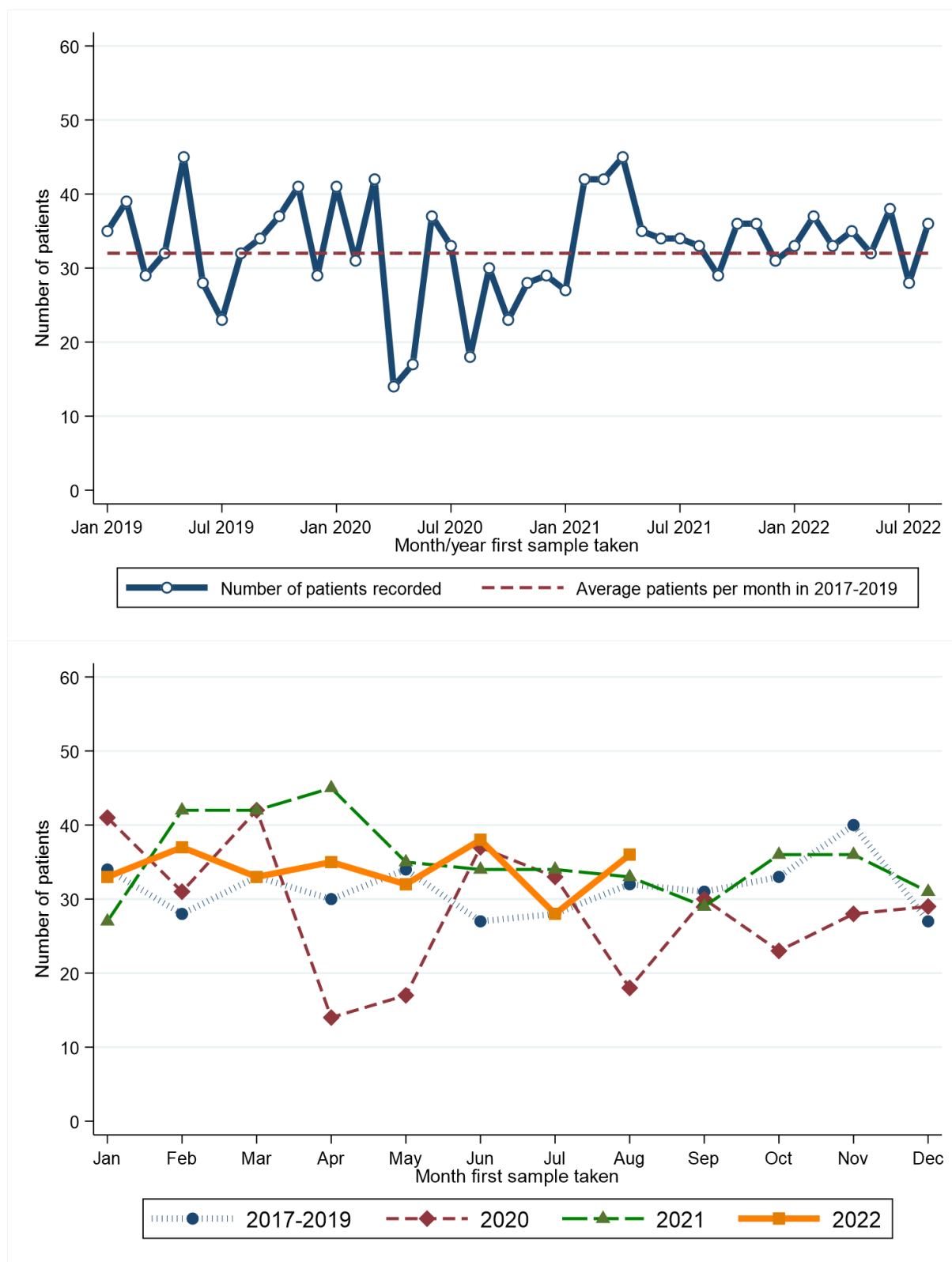
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# BOWEL CANCER (SCREENING AGE)

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

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

**+3.1%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	34	41	27	33
Feb	28	31	42	37
Mar	33	42	42	33
Apr	30	14	45	35
May	34	17	35	32
Jun	27	37	34	38

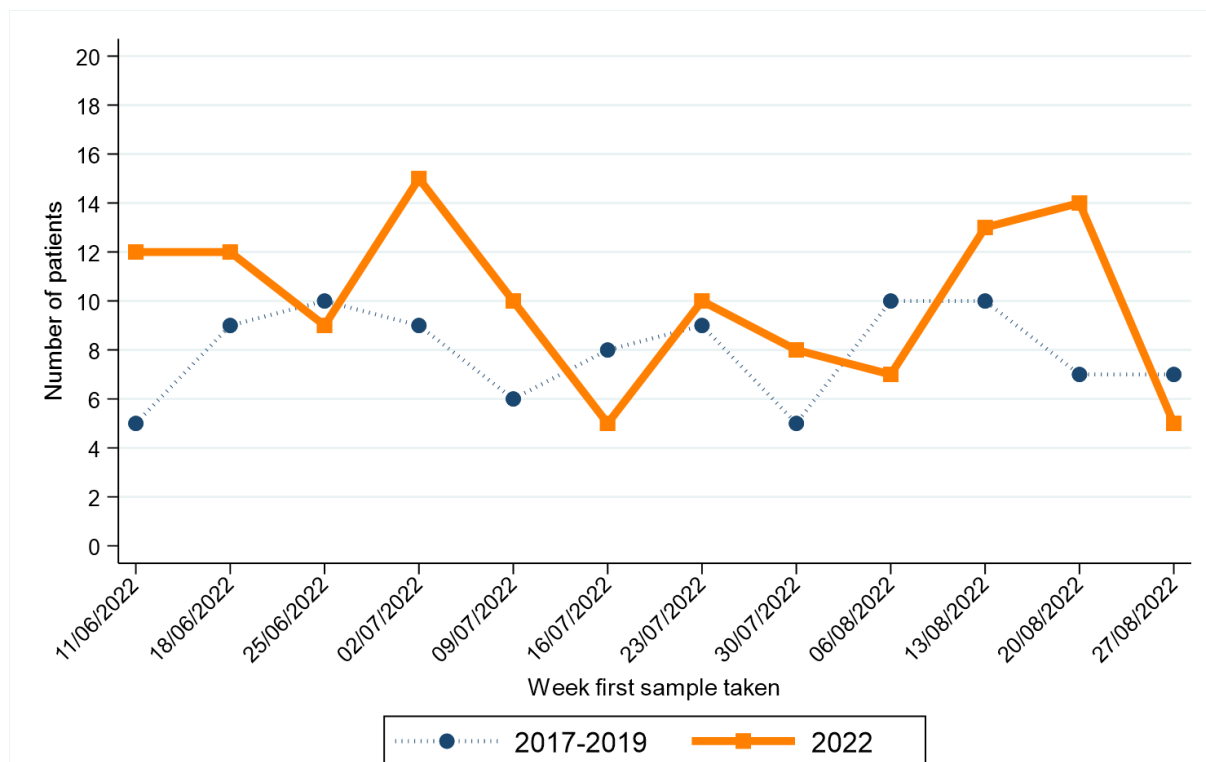
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	28	33	34	28
Aug	32	18	33	36
Sep	31	30	29	.
Oct	33	23	36	.
Nov	40	28	36	.
Dec	27	29	31	.

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+26.3%**



Week first sample taken**	2017-2019*	2022
11/06/2022	161	197
18/06/2022	185	185
25/06/2022	164	166
02/07/2022	176	180
09/07/2022	129	161
16/07/2022	163	122

Week first sample taken**	2017-2019*	2022
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	167
27/08/2022	137	154

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

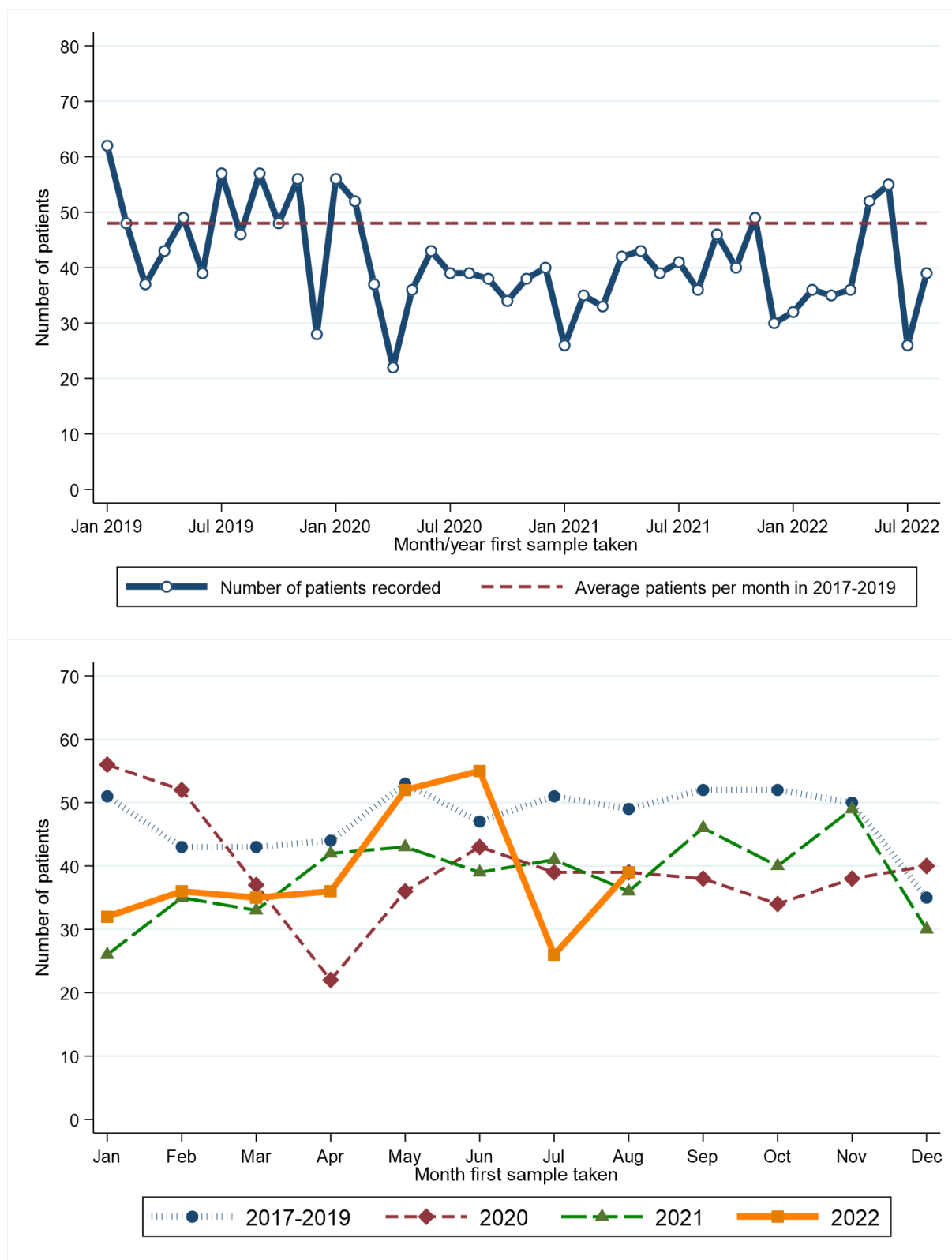
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# LUNG CANCER

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

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

**-20.3%**



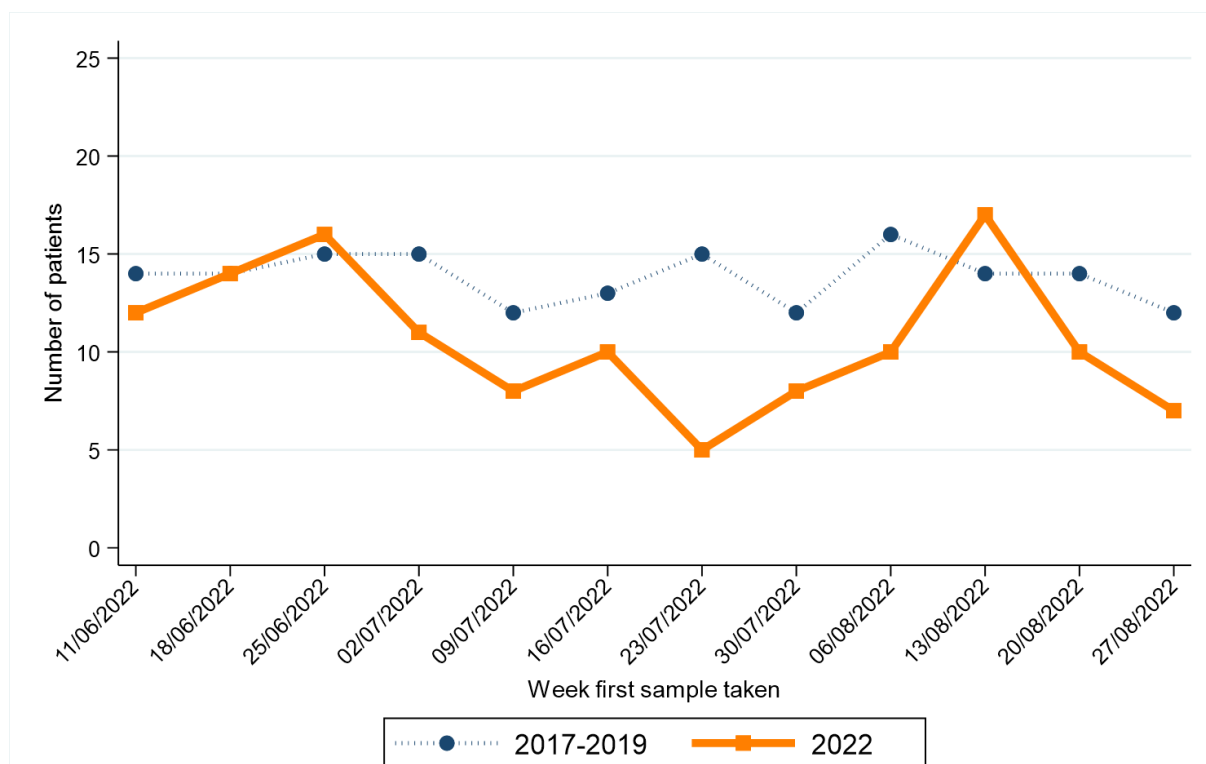
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	51	56	26	32	Jul	51	39	41	26
Feb	43	52	35	36	Aug	49	39	36	39
Mar	43	37	33	35	Sep	52	38	46	.
Apr	44	22	42	36	Oct	52	34	40	.
May	53	36	43	52	Nov	50	38	49	.
Jun	47	43	39	55	Dec	35	40	30	.

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

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

Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average

**-22.9%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

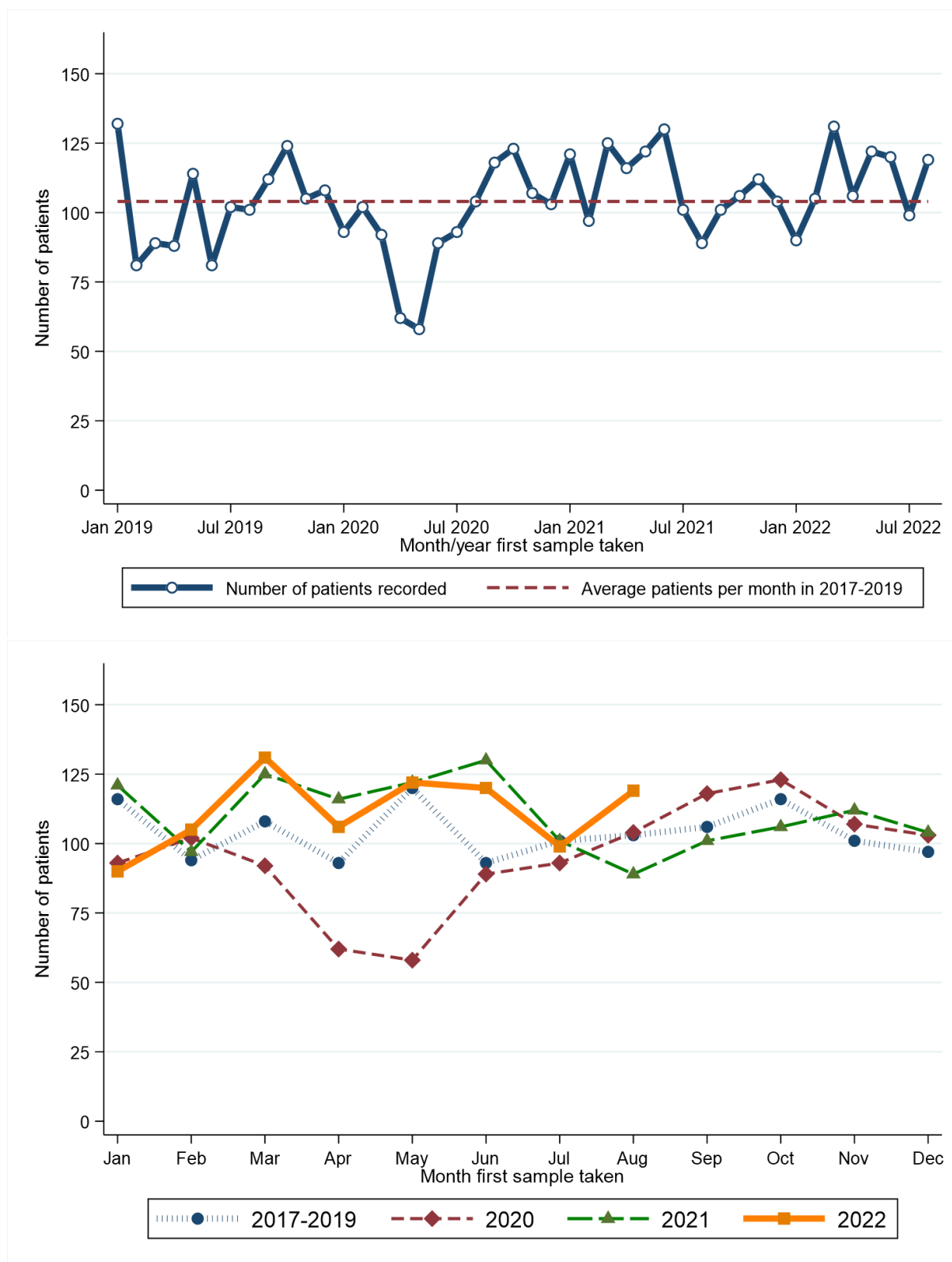
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# FEMALE BREAST CANCER

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

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

**+1.6%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	116	93	121	90
Feb	94	102	97	105
Mar	108	92	125	131
Apr	93	62	116	106
May	120	58	122	122
Jun	93	89	130	120

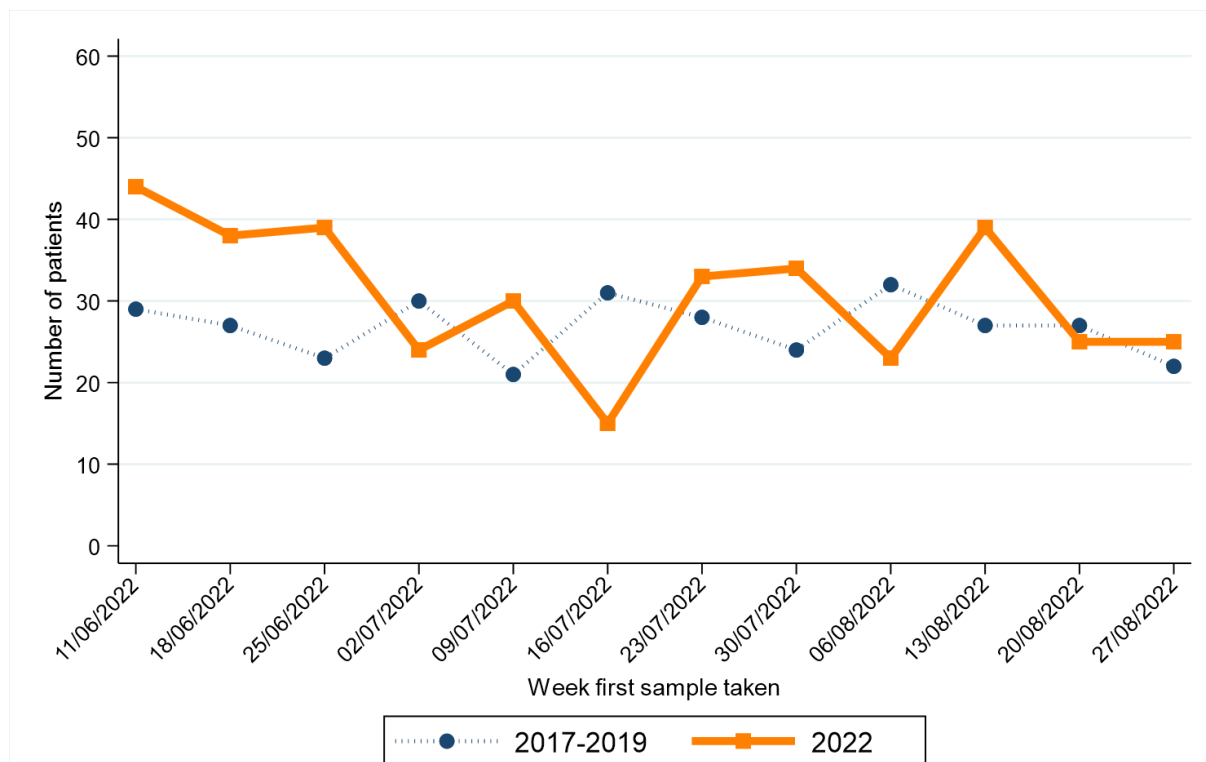
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	101	93	101	99
Aug	103	104	89	119
Sep	106	118	101	.
Oct	116	123	106	.
Nov	101	107	112	.
Dec	97	103	104	.

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+15.0%**



Week first sample taken**	2017-2019*	2022
11/06/2022	161	197
18/06/2022	185	185
25/06/2022	164	166
02/07/2022	176	180
09/07/2022	129	161
16/07/2022	163	122

Week first sample taken**	2017-2019*	2022
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	167
27/08/2022	137	154

\* Average patients 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.

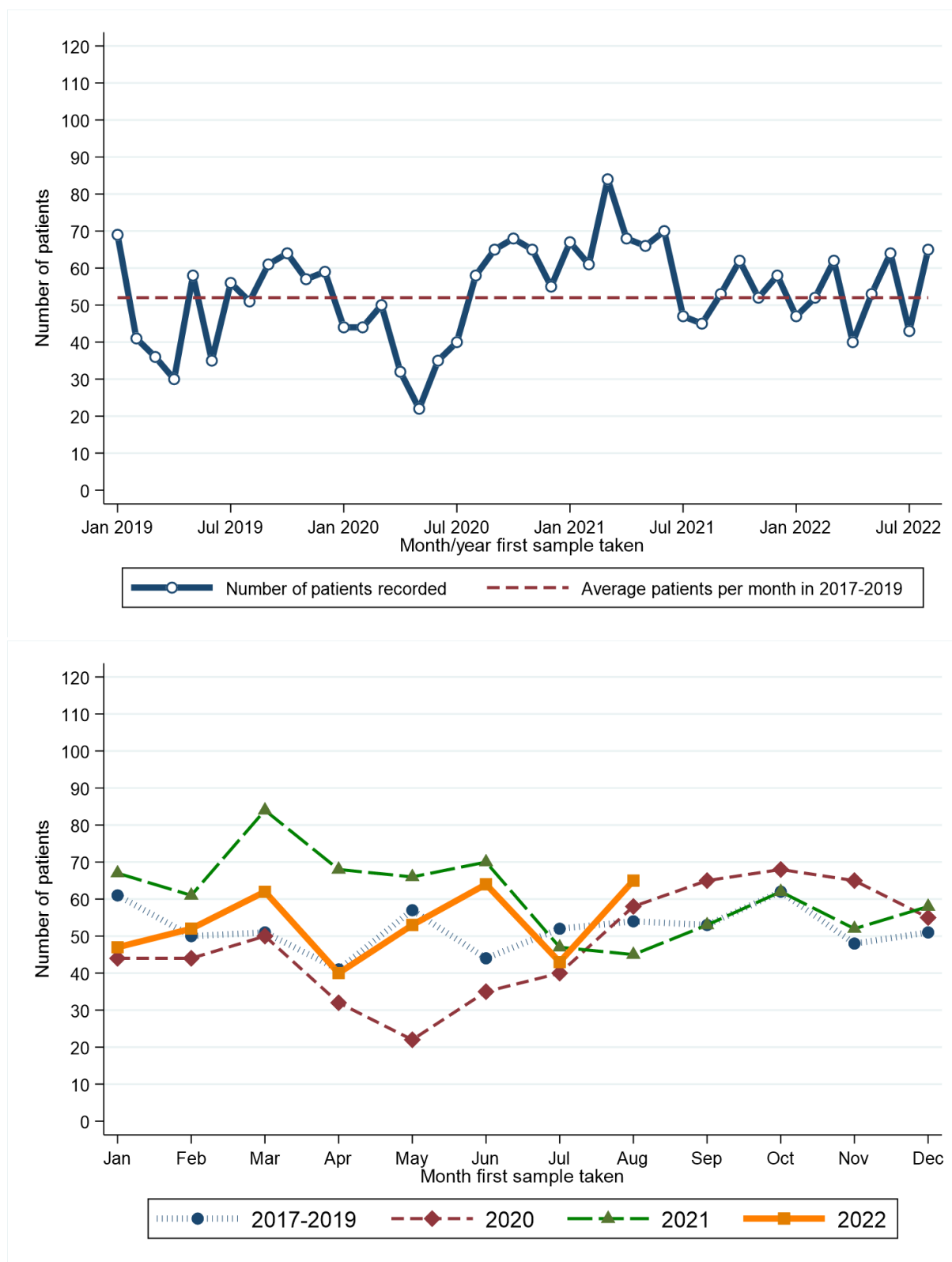


# FEMALE BREAST CANCER (SCREENING AGE)

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

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

**+6.6%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	61	44	67	47
Feb	50	44	61	52
Mar	51	50	84	62
Apr	41	32	68	40
May	57	22	66	53
Jun	44	35	70	64

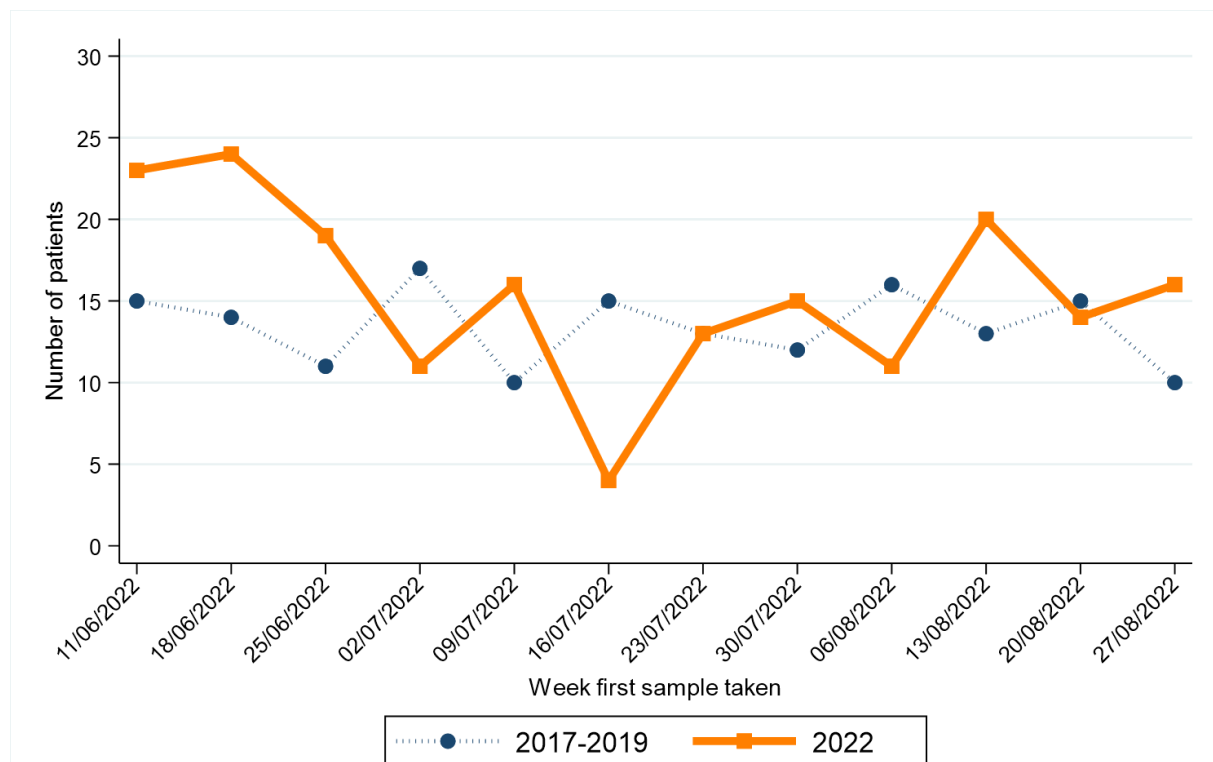
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	52	40	47	43
Aug	54	58	45	65
Sep	53	65	53	.
Oct	62	68	62	.
Nov	48	65	52	.
Dec	51	55	58	.

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+15.5%**



Week first sample taken**	2017-2019*	2022
11/06/2022	161	197
18/06/2022	185	185
25/06/2022	164	166
02/07/2022	176	180
09/07/2022	129	161
16/07/2022	163	122

Week first sample taken**	2017-2019*	2022
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	167
27/08/2022	137	154

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

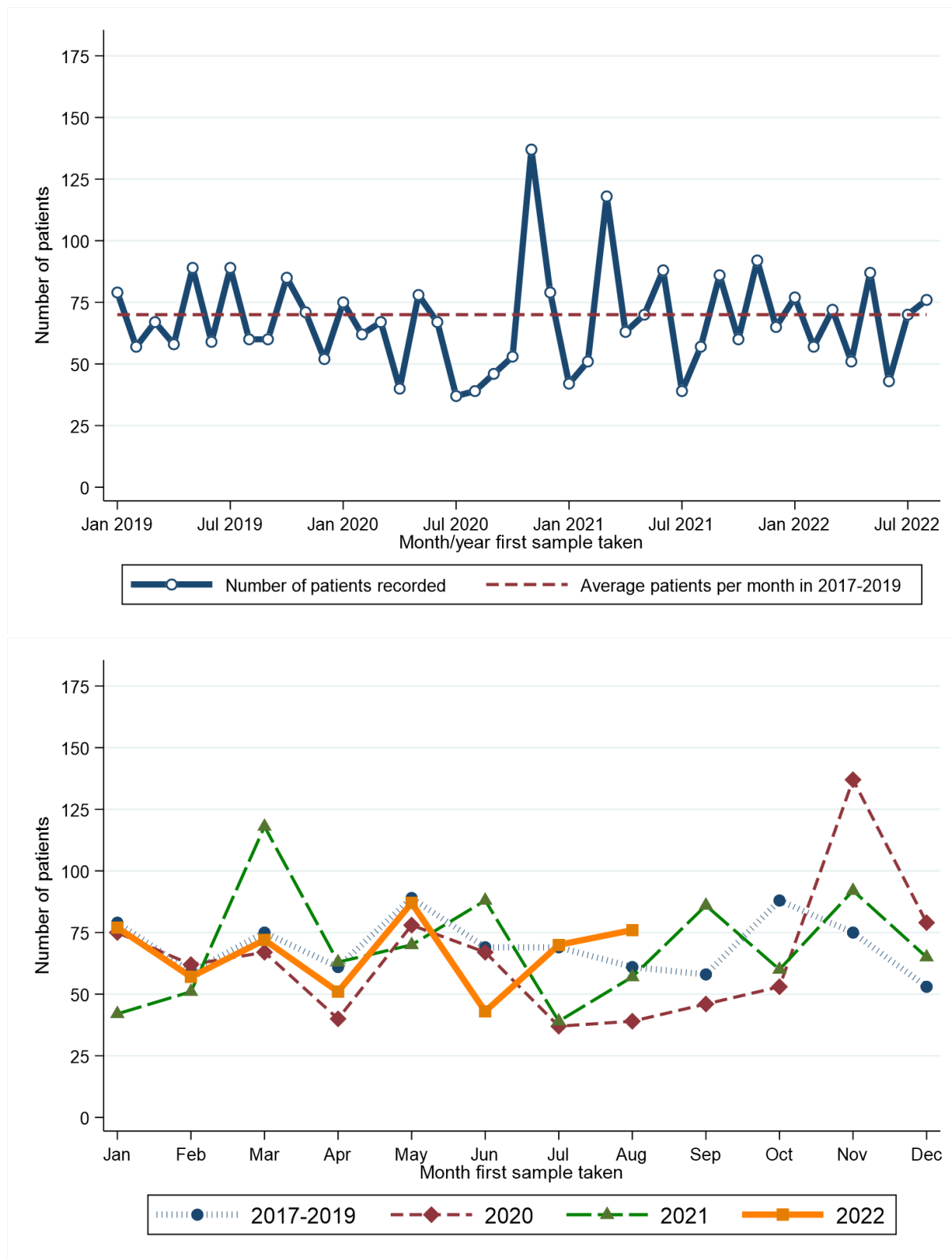
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# PROSTATE CANCER

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

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

**-4.2%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	79	75	42	77
Feb	59	62	51	57
Mar	75	67	118	72
Apr	61	40	63	51
May	89	78	70	87
Jun	69	67	88	43

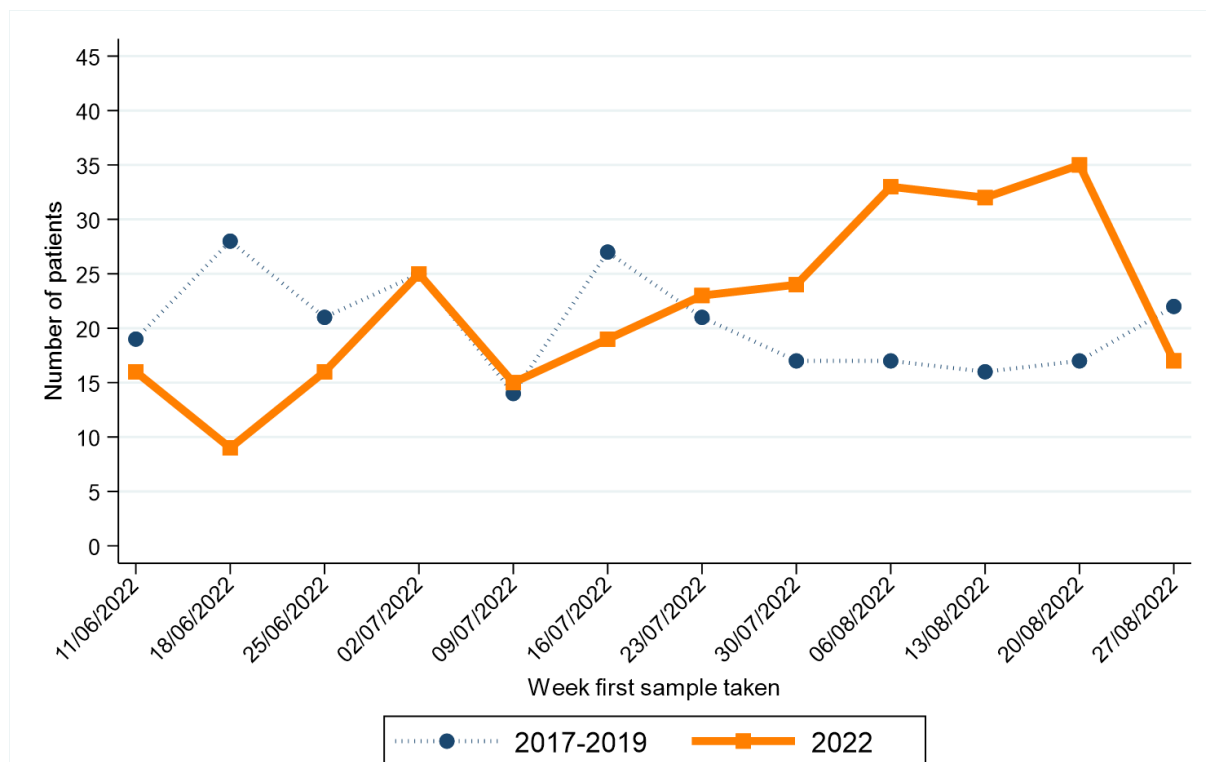
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	69	37	39	70
Aug	61	39	57	76
Sep	58	46	86	.
Oct	88	53	60	.
Nov	75	137	92	.
Dec	53	79	65	.

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+8.2%**



Week first sample taken**	2017-2019*	2022
11/06/2022	161	197
18/06/2022	185	185
25/06/2022	164	166
02/07/2022	176	180
09/07/2022	129	161
16/07/2022	163	122

Week first sample taken**	2017-2019*	2022
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	167
27/08/2022	137	154

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

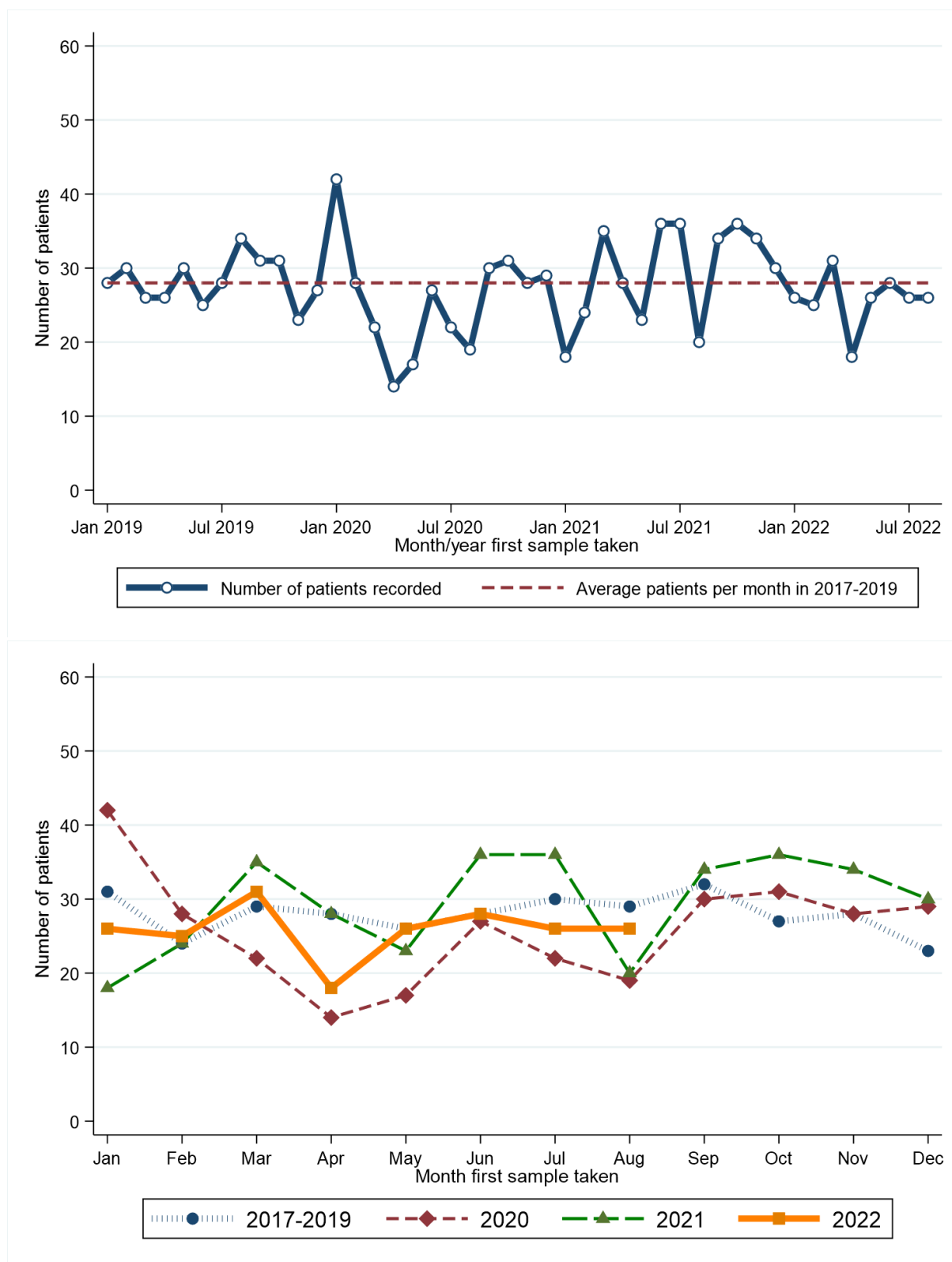
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# UPPER GASTROINTESTINAL CANCER

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

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

**-4.9%**



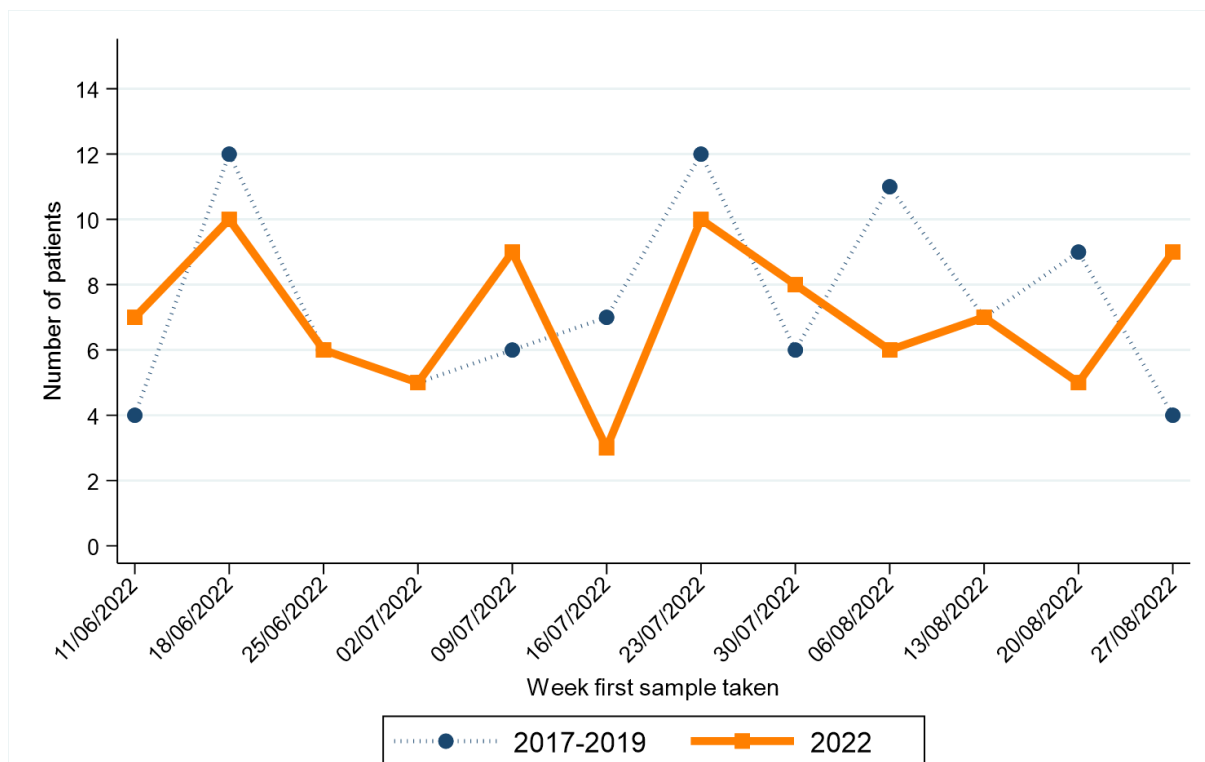
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	31	42	18	26	Jul	30	22	36	26
Feb	24	28	24	25	Aug	29	19	20	26
Mar	29	22	35	31	Sep	32	30	34	.
Apr	28	14	28	18	Oct	27	31	36	.
May	26	17	23	26	Nov	28	28	34	.
Jun	28	27	36	28	Dec	23	29	30	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**-4.5%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

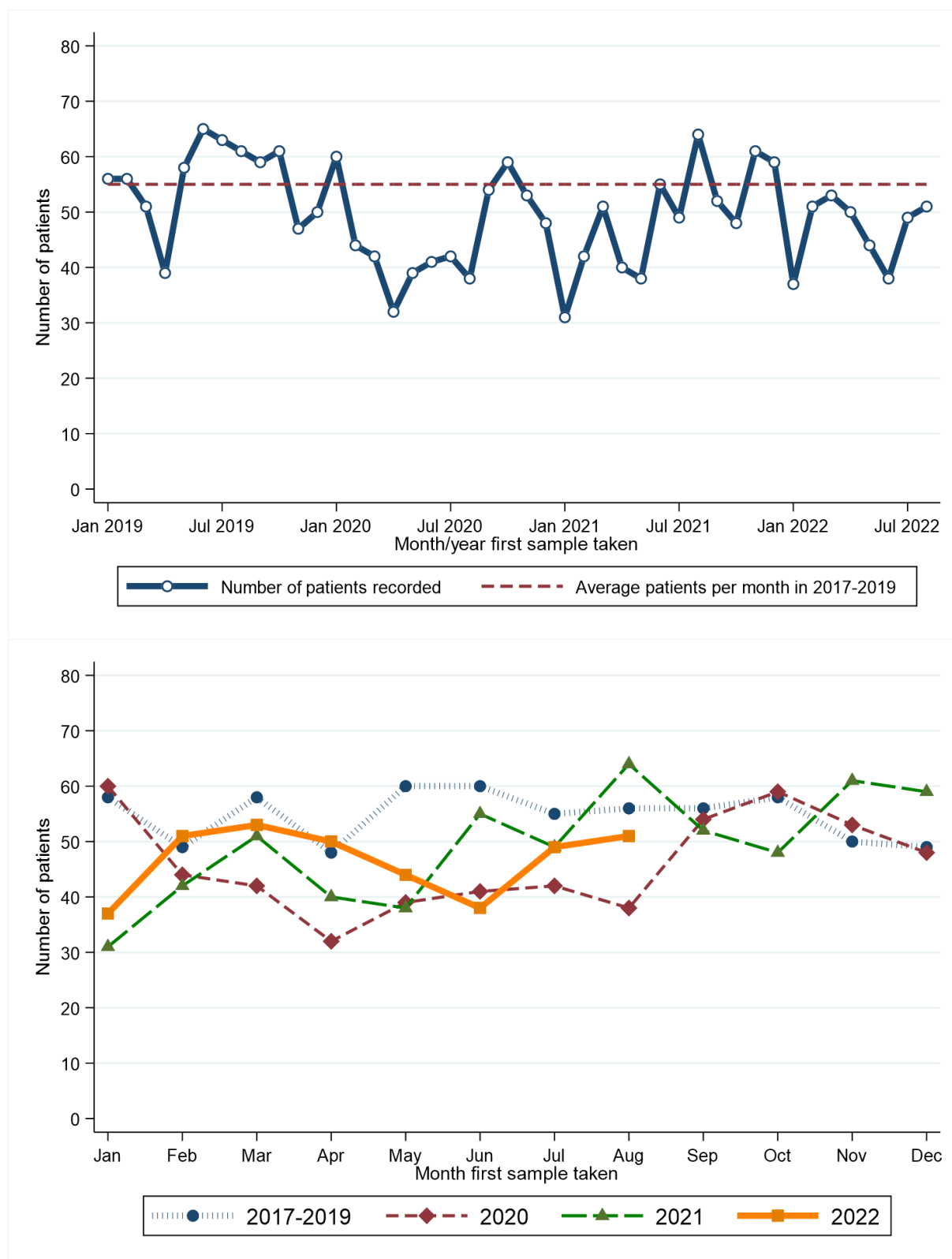
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# GYNAECOLOGICAL CANCER

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

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

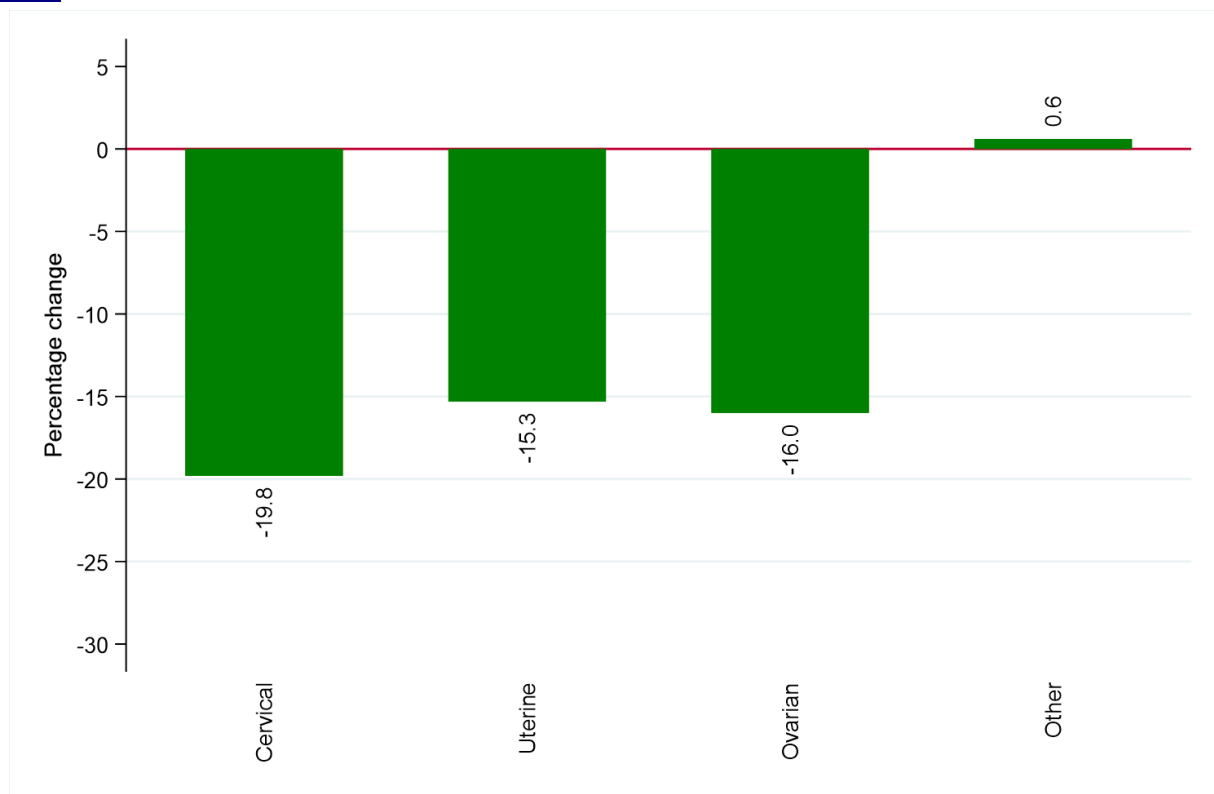
**-14.5%**



Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	58	60	31	37	Jul	55	42	49	49
Feb	49	44	42	51	Aug	56	38	64	51
Mar	58	42	51	53	Sep	56	54	52	.
Apr	48	32	40	50	Oct	58	59	48	.
May	60	39	38	44	Nov	50	53	61	.
Jun	60	41	55	38	Dec	49	48	59	.

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

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



Cancer type	Number of patients (March 2020 to August 2022)	
	Expected number*	Recorded number
Cervical cancer	328	263
Uterine cancer	797	675
Ovarian cancer	564	474
Other gynaecological cancer	168	169

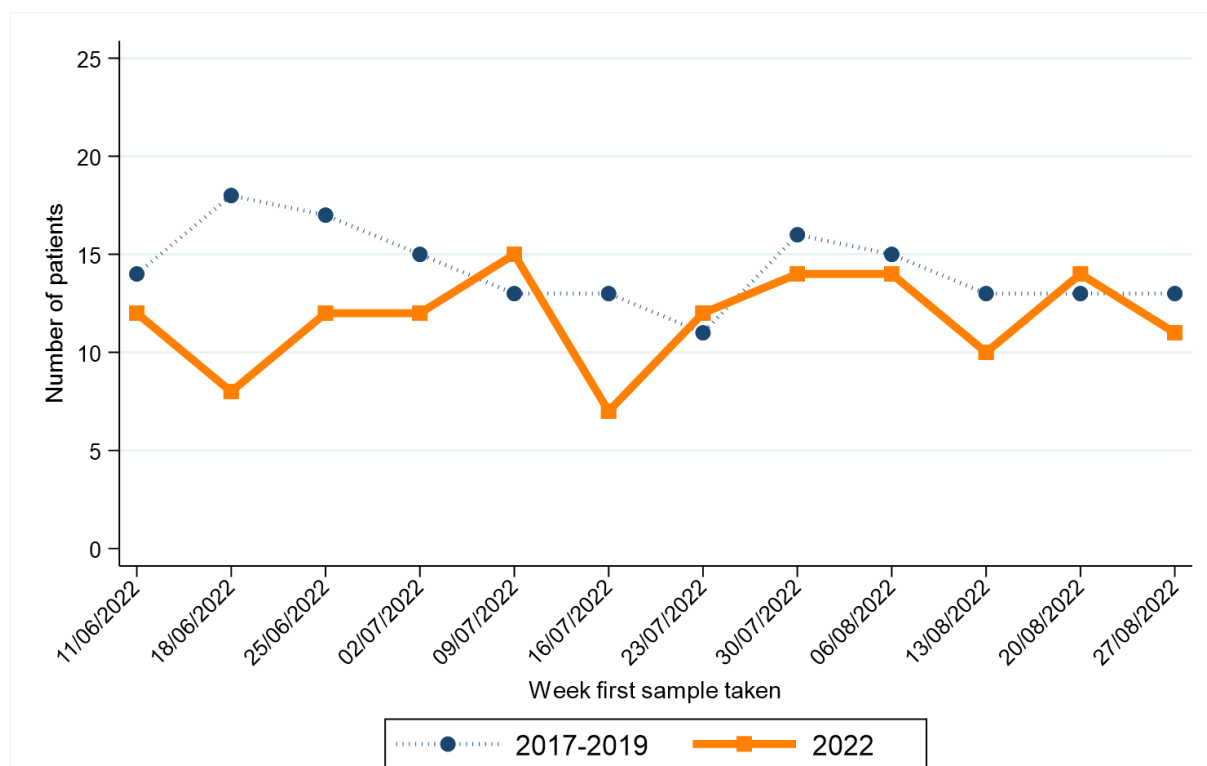
\* Based upon average monthly number of patients from 2017-2019.



## RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average

**-17.5%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

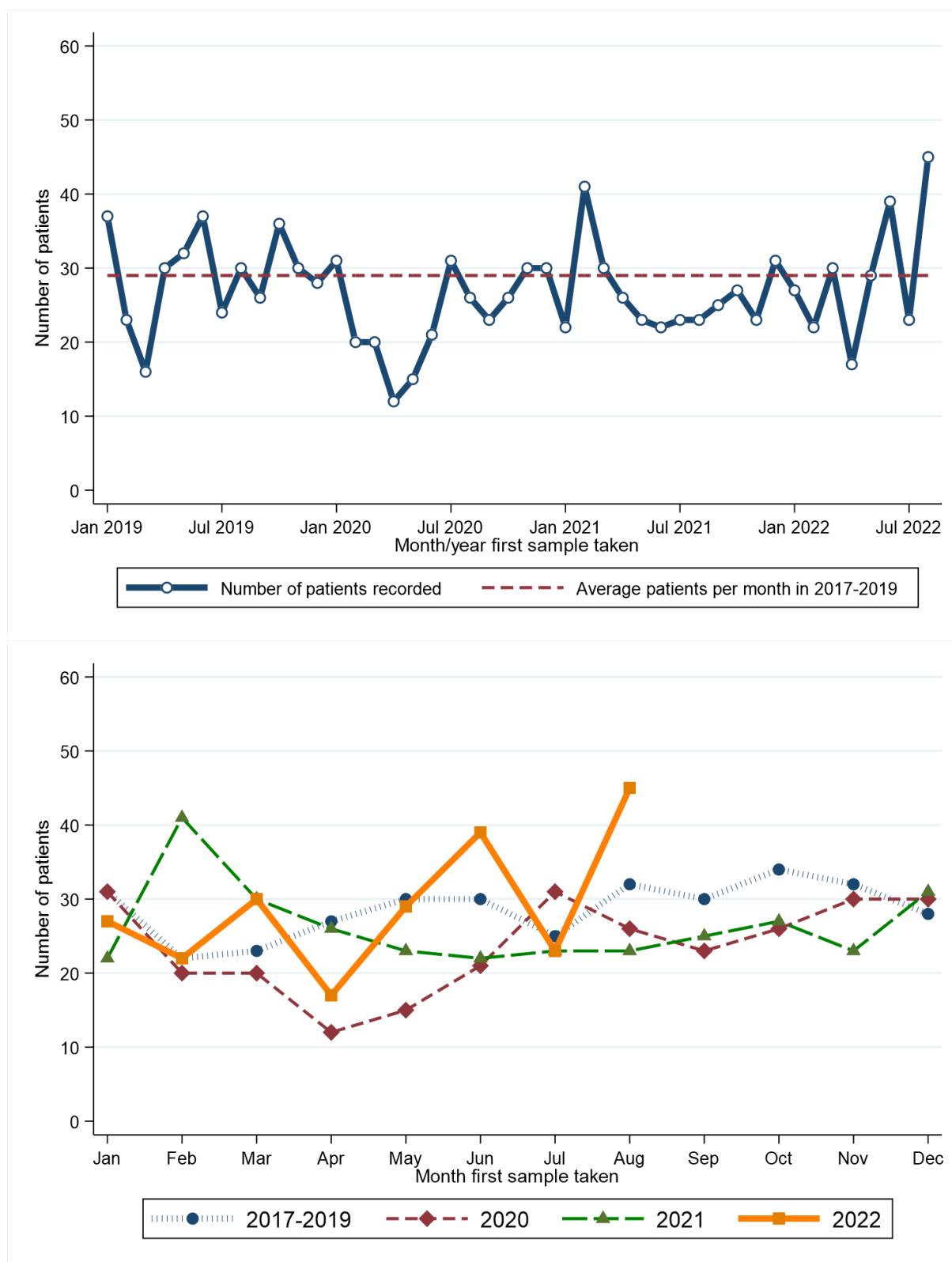
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# HEAD AND NECK CANCER

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

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

**-8.5%**



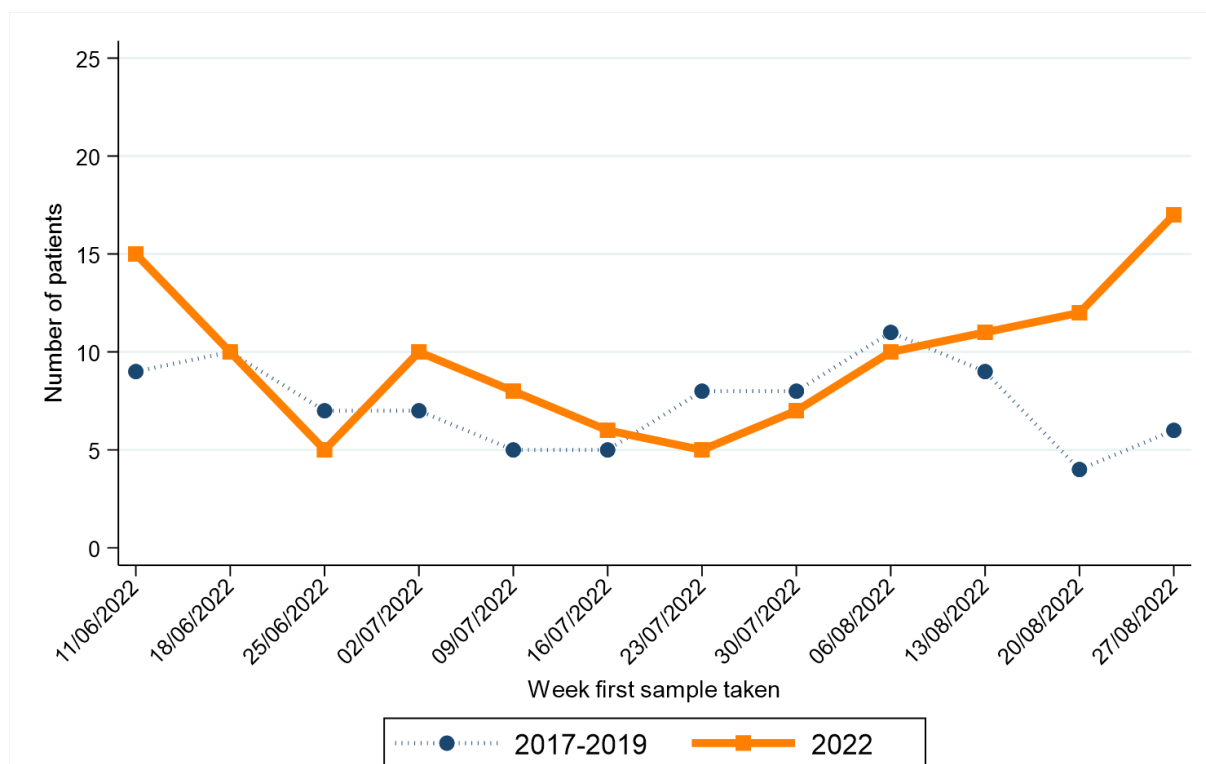
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	31	31	22	27	Jul	25	31	23	23
Feb	22	20	41	22	Aug	32	26	23	45
Mar	23	20	30	30	Sep	30	23	25	.
Apr	27	12	26	17	Oct	34	26	27	.
May	30	15	23	29	Nov	32	30	23	.
Jun	30	21	22	39	Dec	28	30	31	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+30.3%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

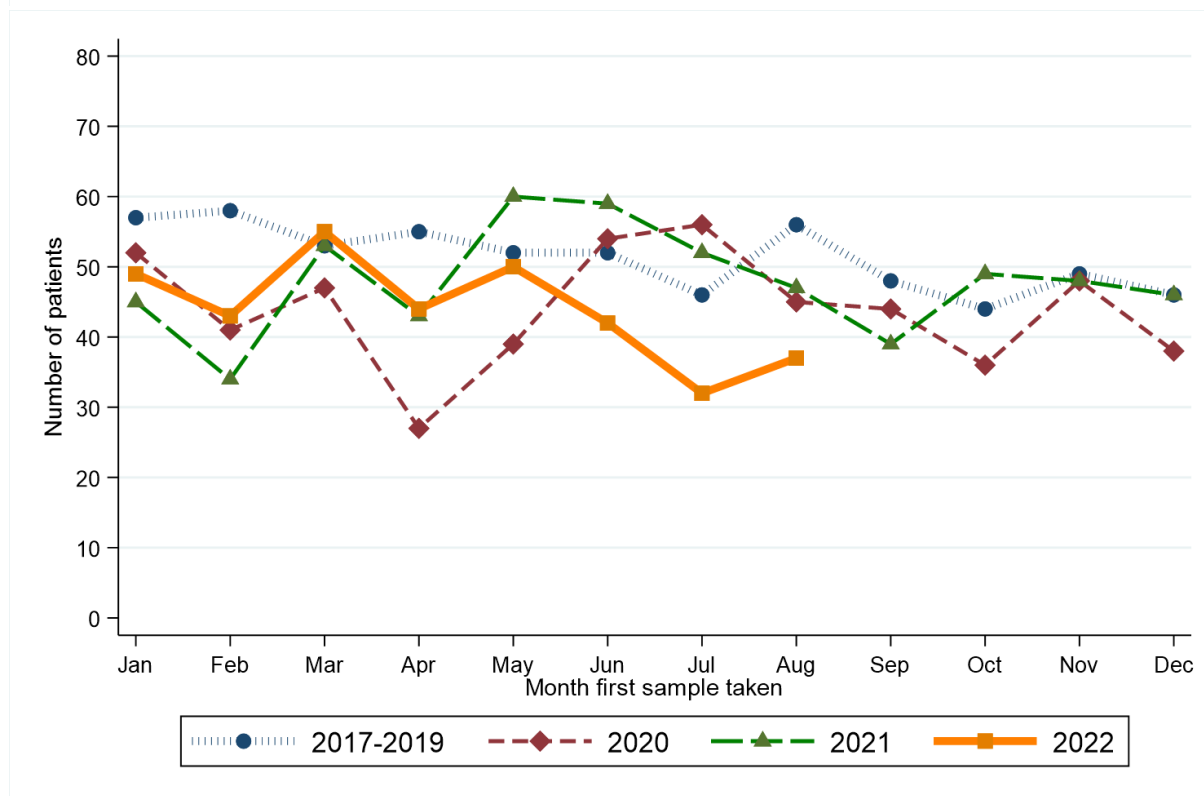
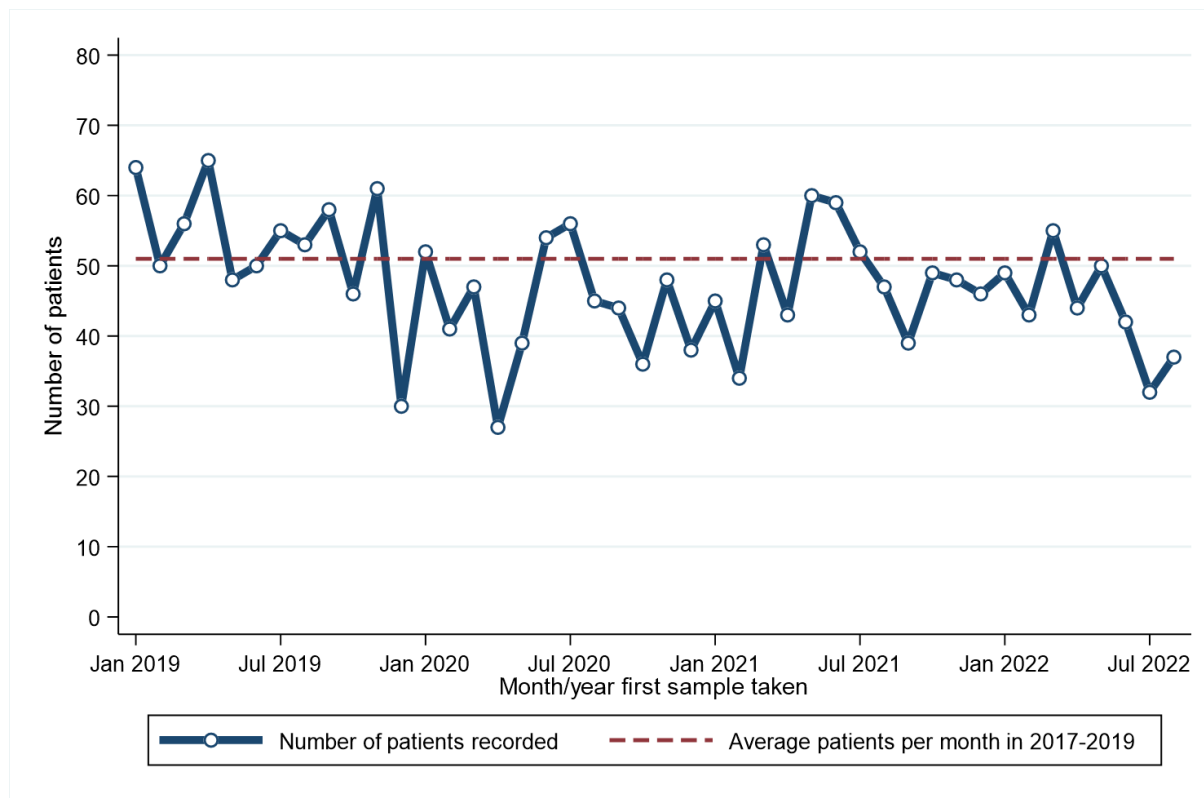
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# URINARY CANCER

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

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

**-12.0%**



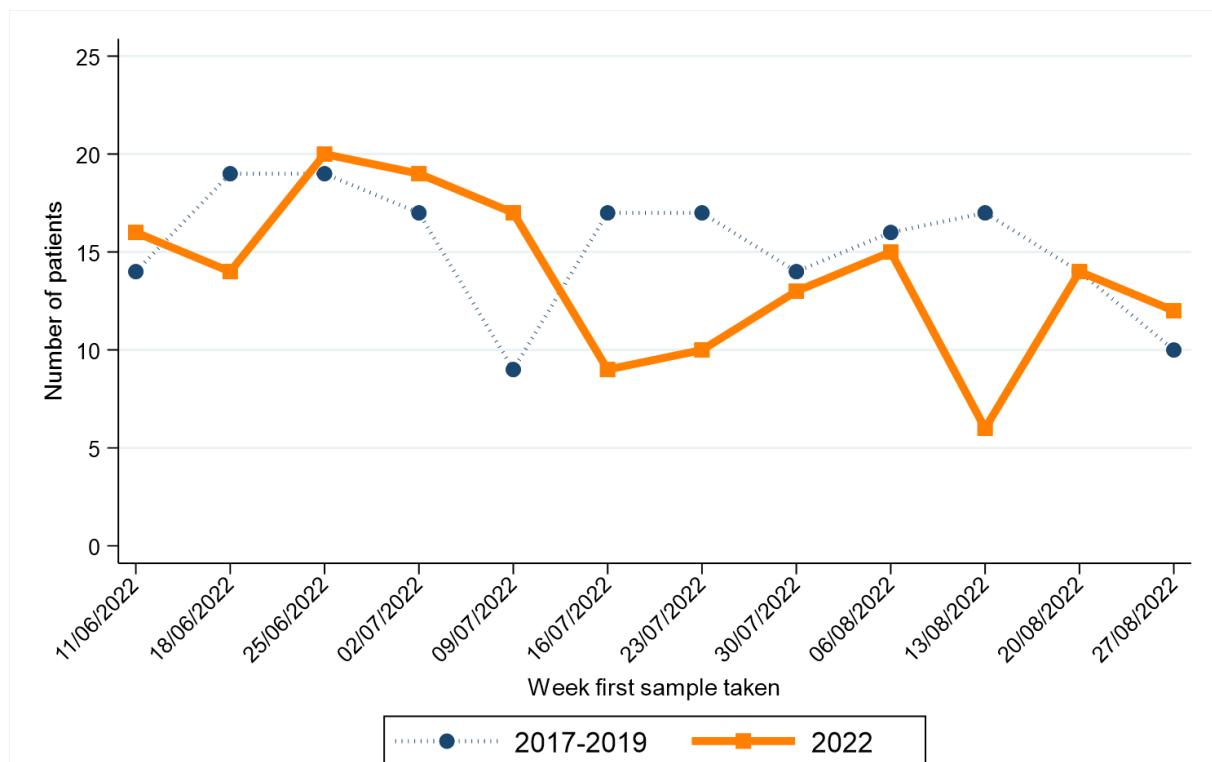
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	57	52	45	49	Jul	46	56	52	32
Feb	58	41	34	43	Aug	56	45	47	37
Mar	53	47	53	55	Sep	48	44	39	.
Apr	55	27	43	44	Oct	44	36	49	.
May	52	39	60	50	Nov	49	48	48	.
Jun	52	54	59	42	Dec	46	38	46	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**-9.8%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

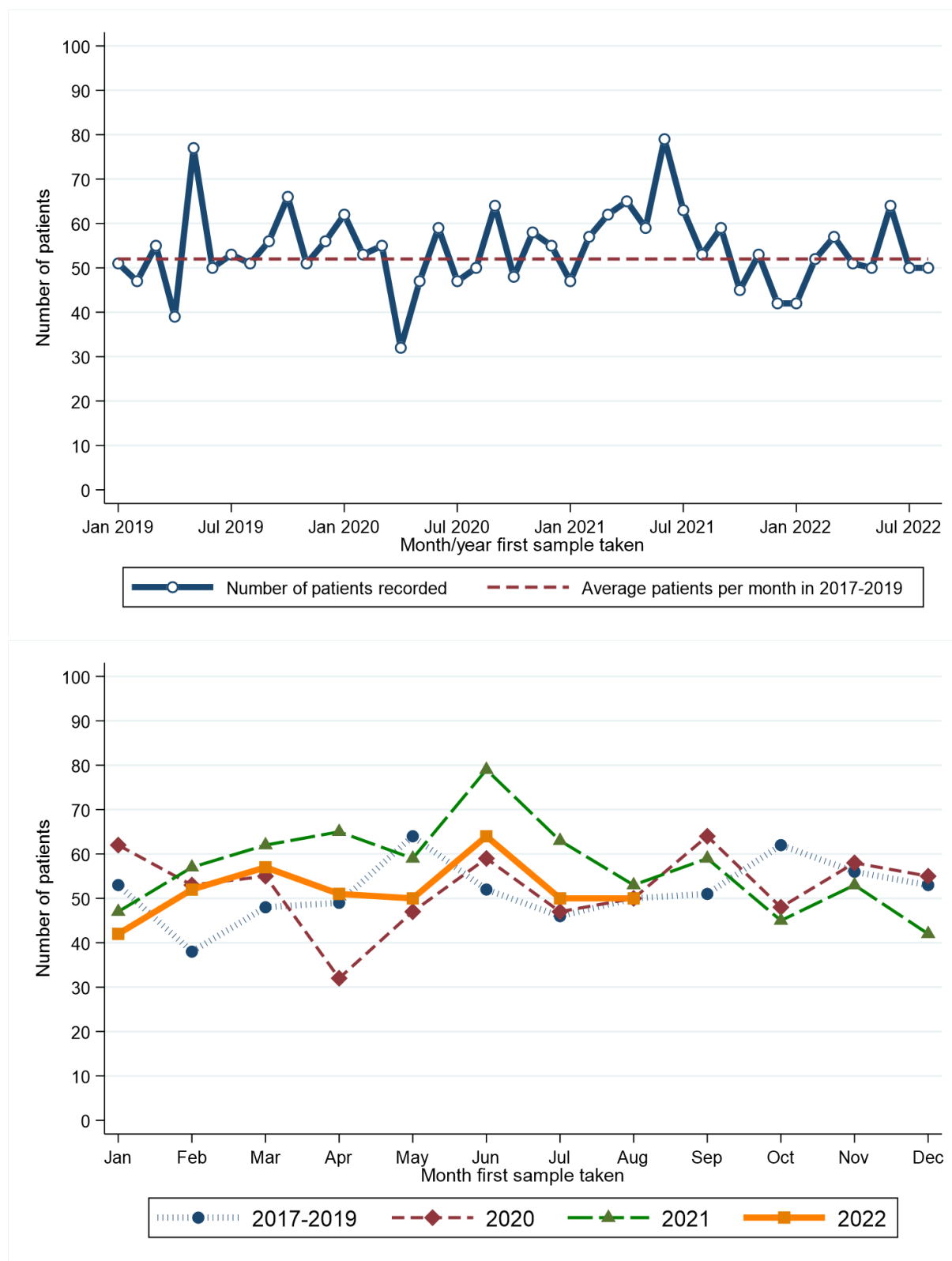
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# HAEMATOLOGICAL CANCER

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

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

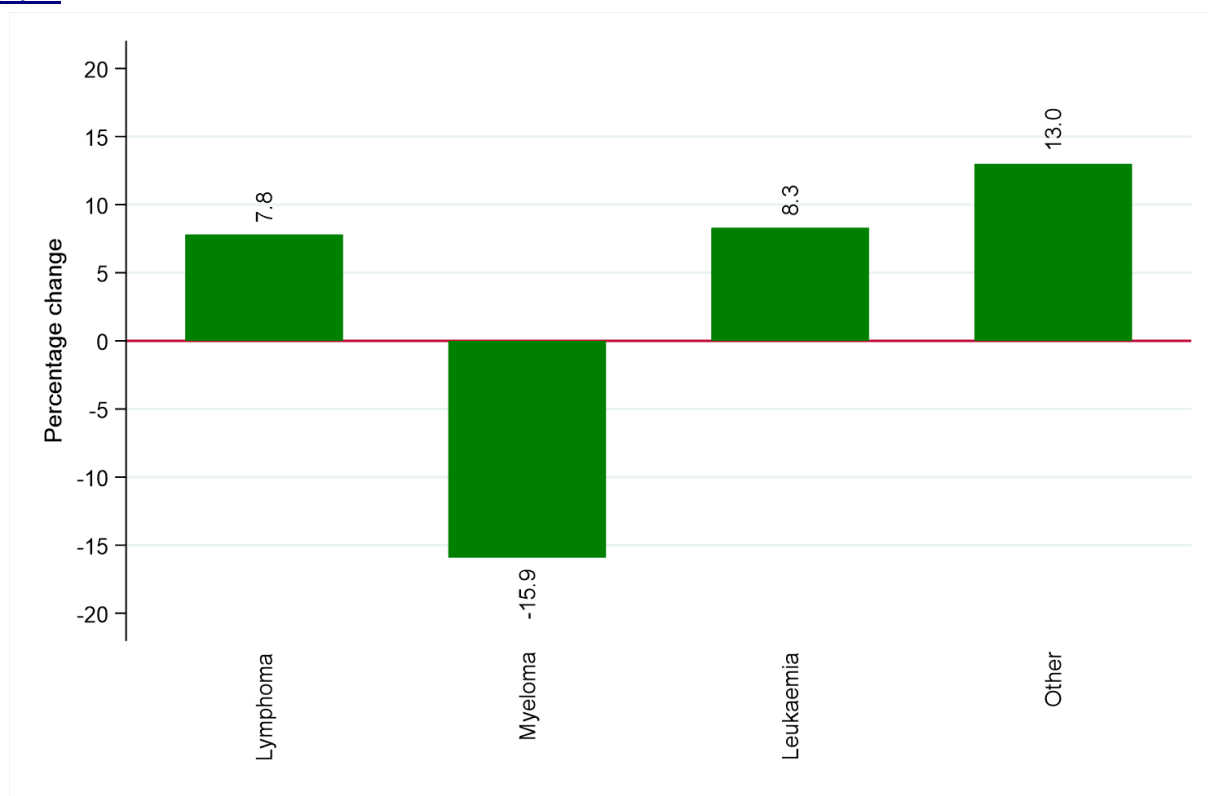
**+4.0%**



Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	53	62	47	42	Jul	46	47	63	50
Feb	38	53	57	52	Aug	50	50	53	50
Mar	48	55	62	57	Sep	51	64	59	.
Apr	49	32	65	51	Oct	62	48	45	.
May	64	47	59	50	Nov	56	58	53	.
Jun	52	59	79	64	Dec	53	55	42	.

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

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



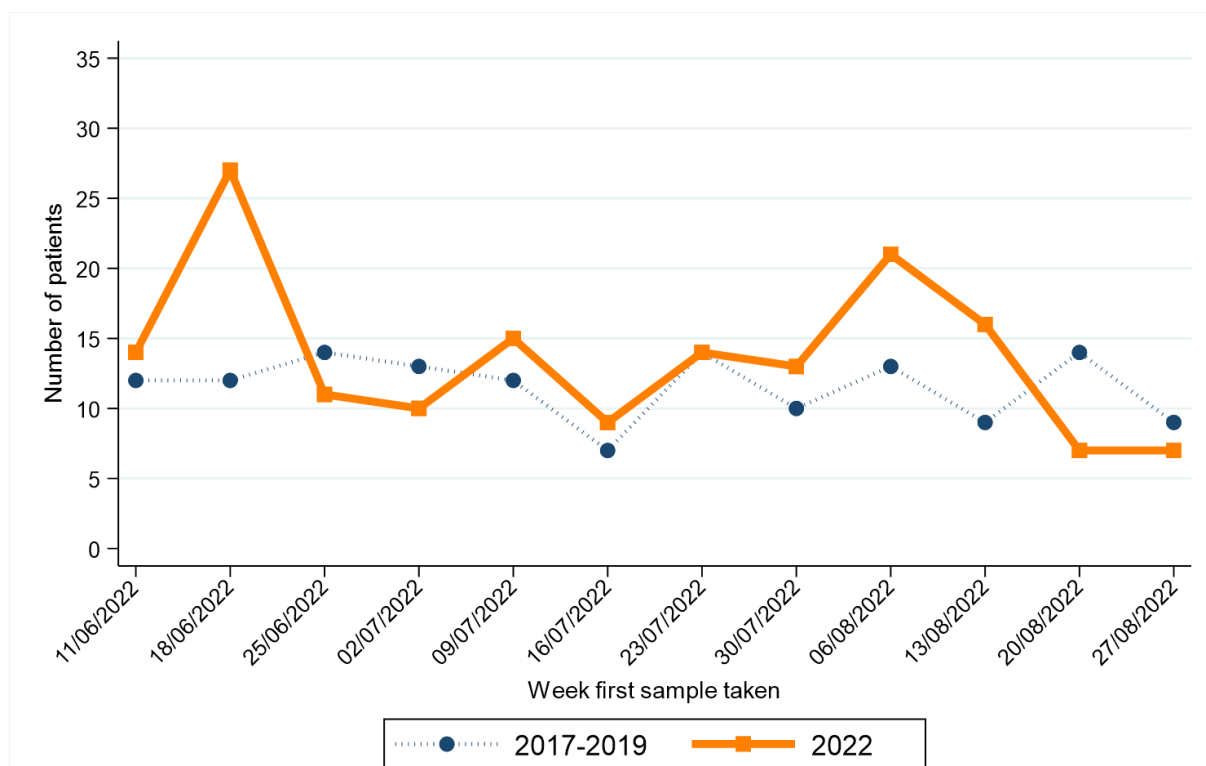
Cancer type	Number of patients (March 2020 to August 2022)	
	Expected number*	Recorded number
Lymphoma	1,178	1,270
Myeloma	233	196
Leukaemia	132	143
Other haematological cancer	23	26

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

## RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average

**+18.0%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

\* Average patients 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.

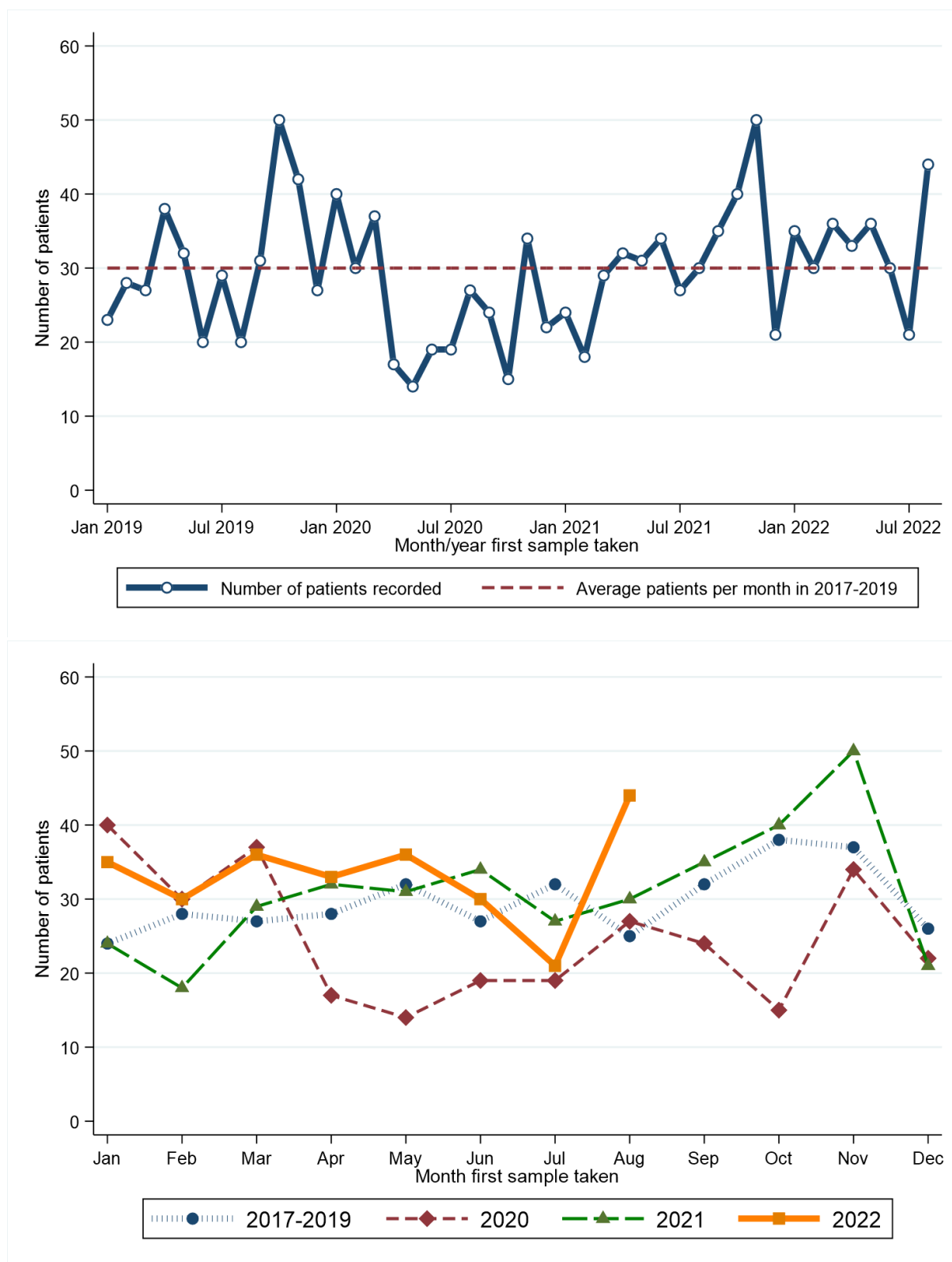


# MELANOMA

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

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

**-2.2%**



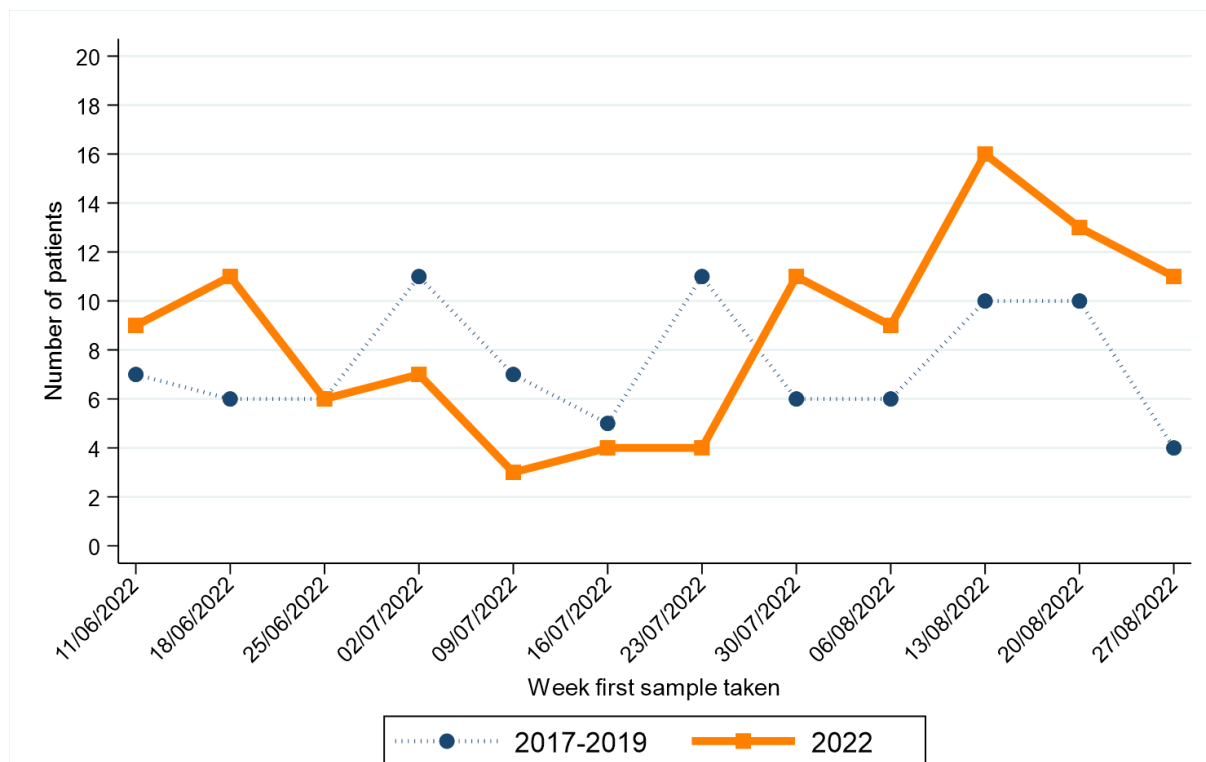
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	24	40	24	35	Jul	32	19	27	21
Feb	28	30	18	30	Aug	25	27	30	44
Mar	27	37	29	36	Sep	32	24	35	.
Apr	28	17	32	33	Oct	38	15	40	.
May	32	14	31	36	Nov	37	34	50	.
Jun	27	19	34	30	Dec	26	22	21	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+16.9%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

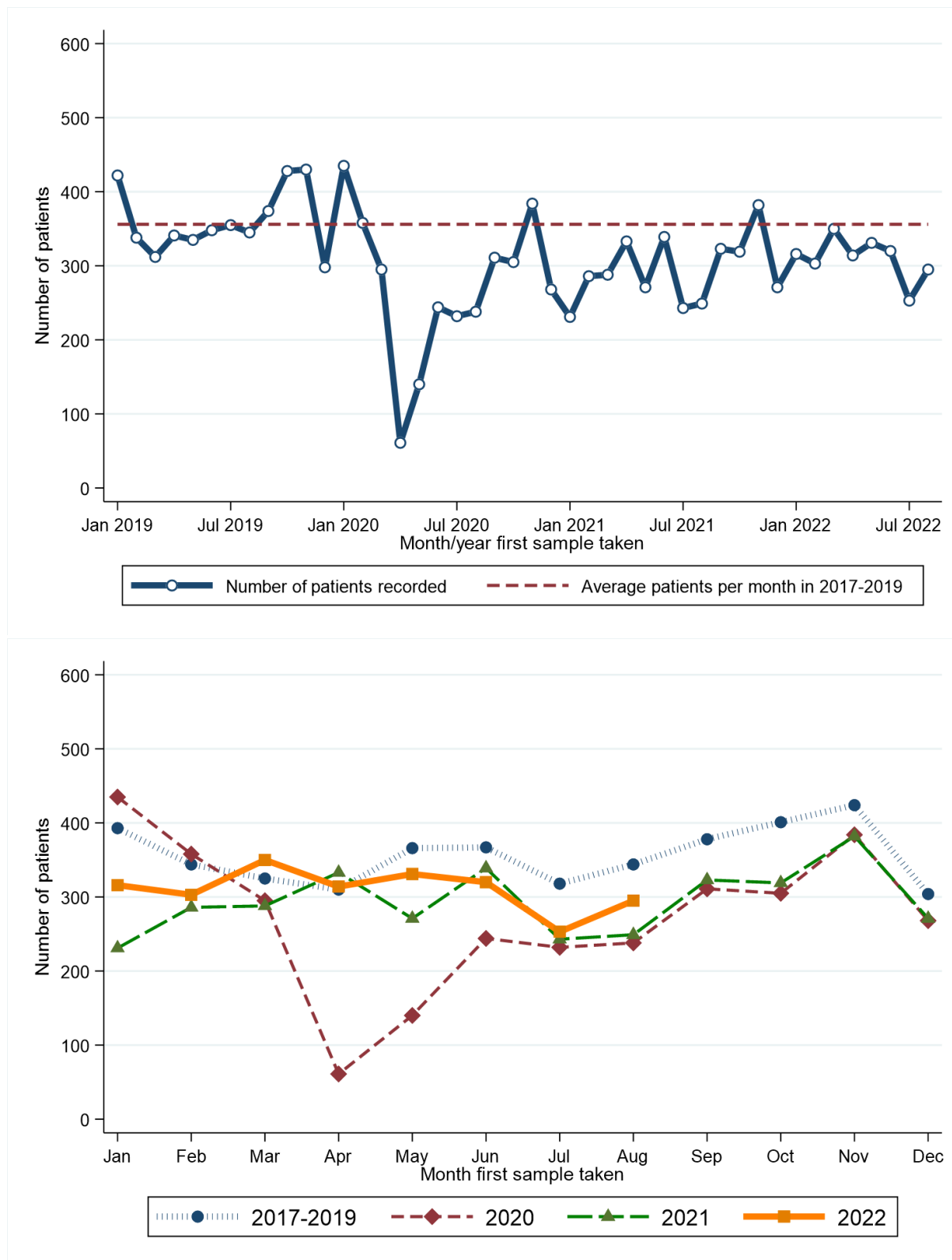
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# NON-MELANOMA SKIN CANCER

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

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

**-19.7%**



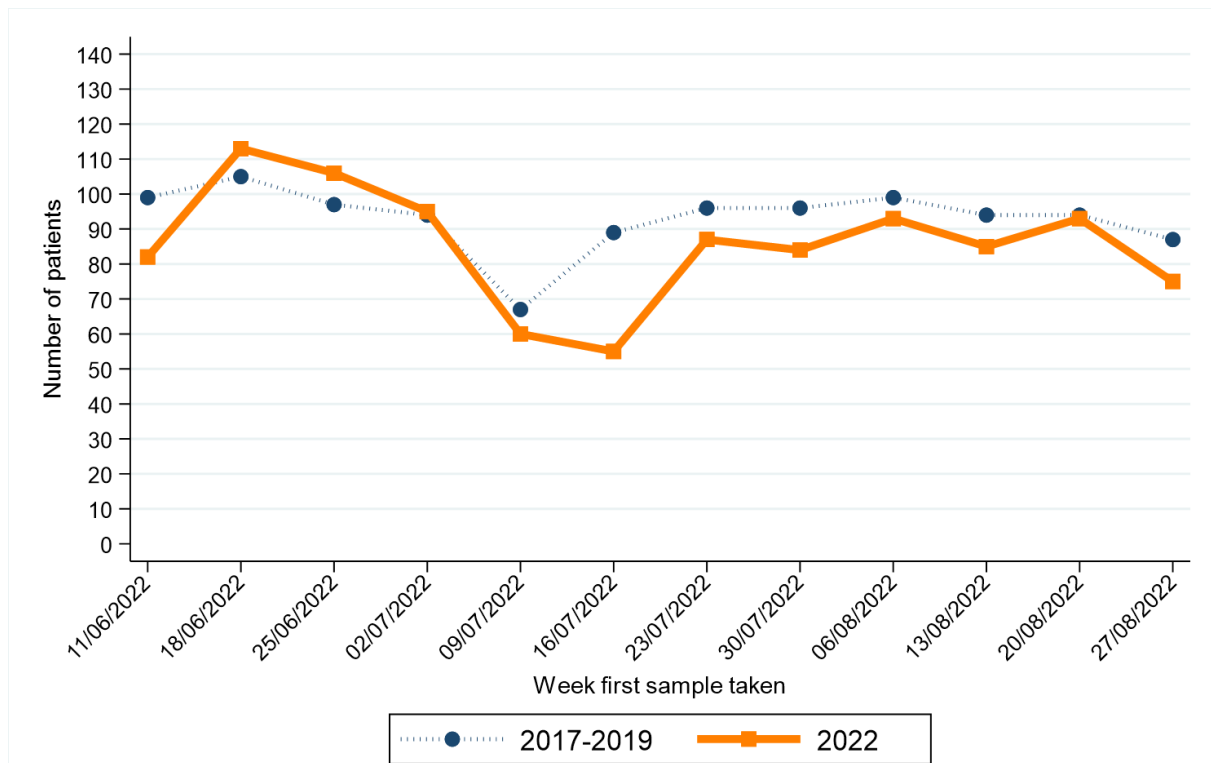
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	393	435	231	316	Jul	318	232	243	253
Feb	344	358	286	303	Aug	344	238	249	295
Mar	325	295	288	350	Sep	378	311	323	.
Apr	310	61	333	314	Oct	401	305	319	.
May	366	140	271	331	Nov	424	384	382	.
Jun	367	244	339	320	Dec	304	268	271	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**-8.0%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

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

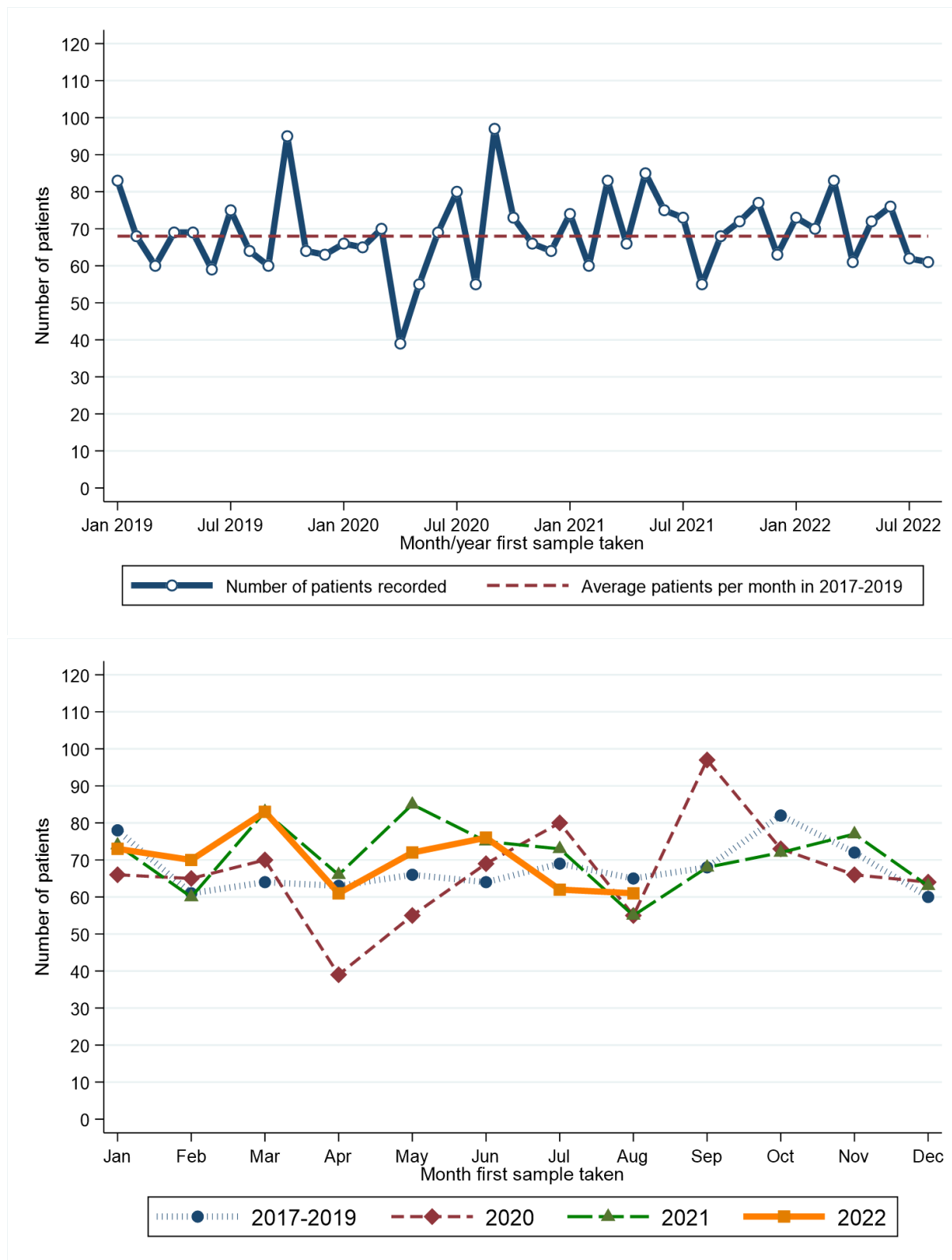
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# OTHER CANCER

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

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

**+3.1%**



Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	78	66	74	73	Jul	69	80	73	62
Feb	61	65	60	70	Aug	65	55	55	61
Mar	64	70	83	83	Sep	68	97	68	.
Apr	63	39	66	61	Oct	82	73	72	.
May	66	55	85	72	Nov	72	66	77	.
Jun	64	69	75	76	Dec	60	64	63	.

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

### **RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin**

**Percentage change in the twelve weeks up to 27/08/2022 compared to expected number based on 2017-2019 average**

**+14.0%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
11/06/2022	161	197	23/07/2022	179	144
18/06/2022	185	185	30/07/2022	149	177
25/06/2022	164	166	06/08/2022	176	184
02/07/2022	176	180	13/08/2022	163	199
09/07/2022	129	161	20/08/2022	157	167
16/07/2022	163	122	27/08/2022	137	154

\* Average patients 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 patients with pathology samples that indicated a malignant tumour and had this result coded and recorded by the end of August 2022. Due to potential reporting delays, pathology data from the month following August 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. Individual patients with cancer may have more than one pathology sample. A diagnosis of cancer may be a result of more than one procedure indicating cancer, for example a breast cancer diagnosis may be based upon a positive biopsy of the breast and then a separate positive dissection of a lymph node. Patients are thus only included once per cancer type unless they have had pathology samples separated by more than two years, thus a patient with samples in March and April of 2019 will be counted once (in the March 2019 count), while a patient with samples in April 2017 and May 2020 will be counted in both the April 2017 and May 2020 counts.

6. 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.