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

September 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: September 2022**

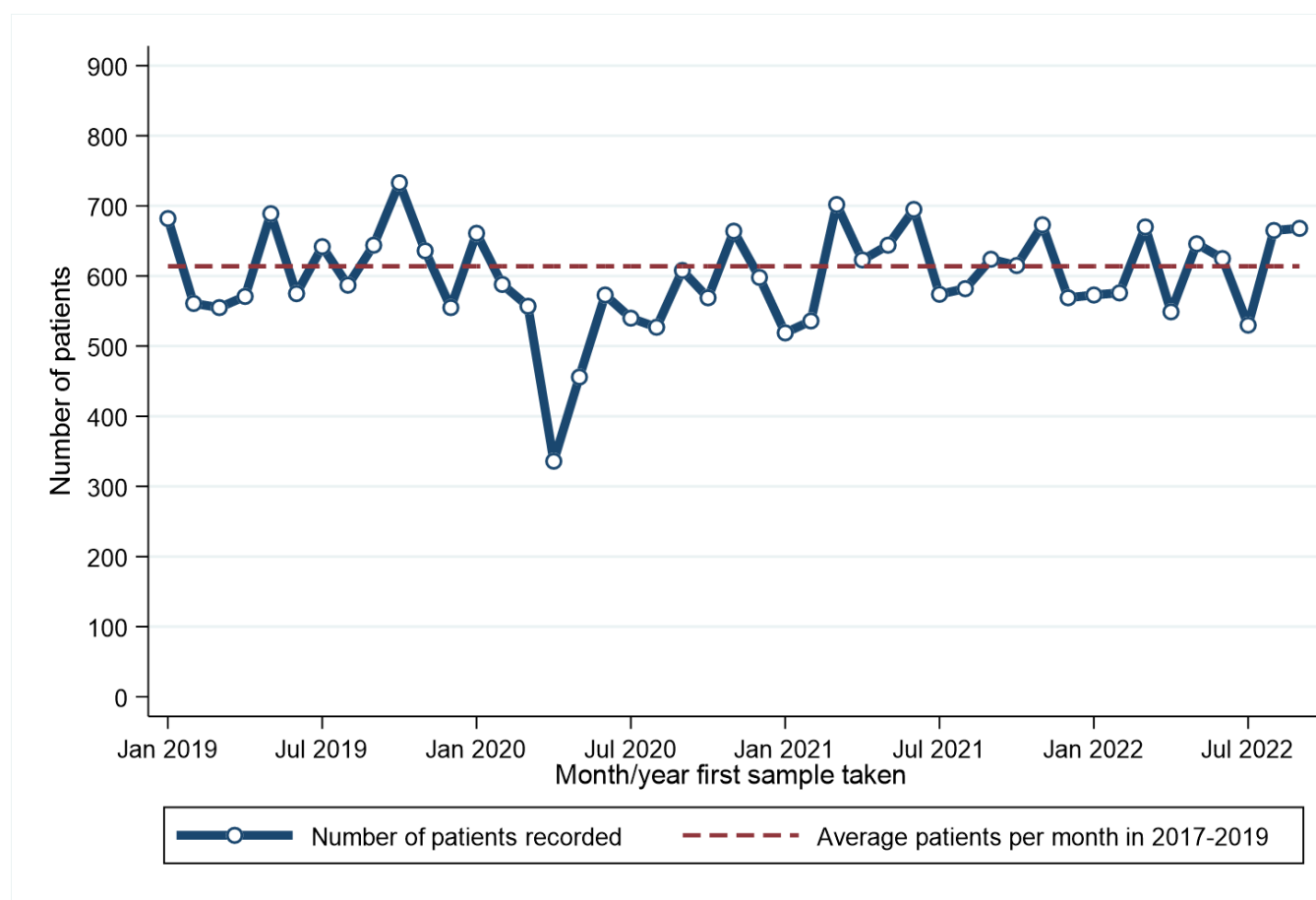
This summary provides an overview of recent trends in the number of patients with pathology samples indicating cancer (excluding non-melanoma skin cancer, NMSC) whose first sample was taken from January 2020 to September 2022 in Northern Ireland.

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.

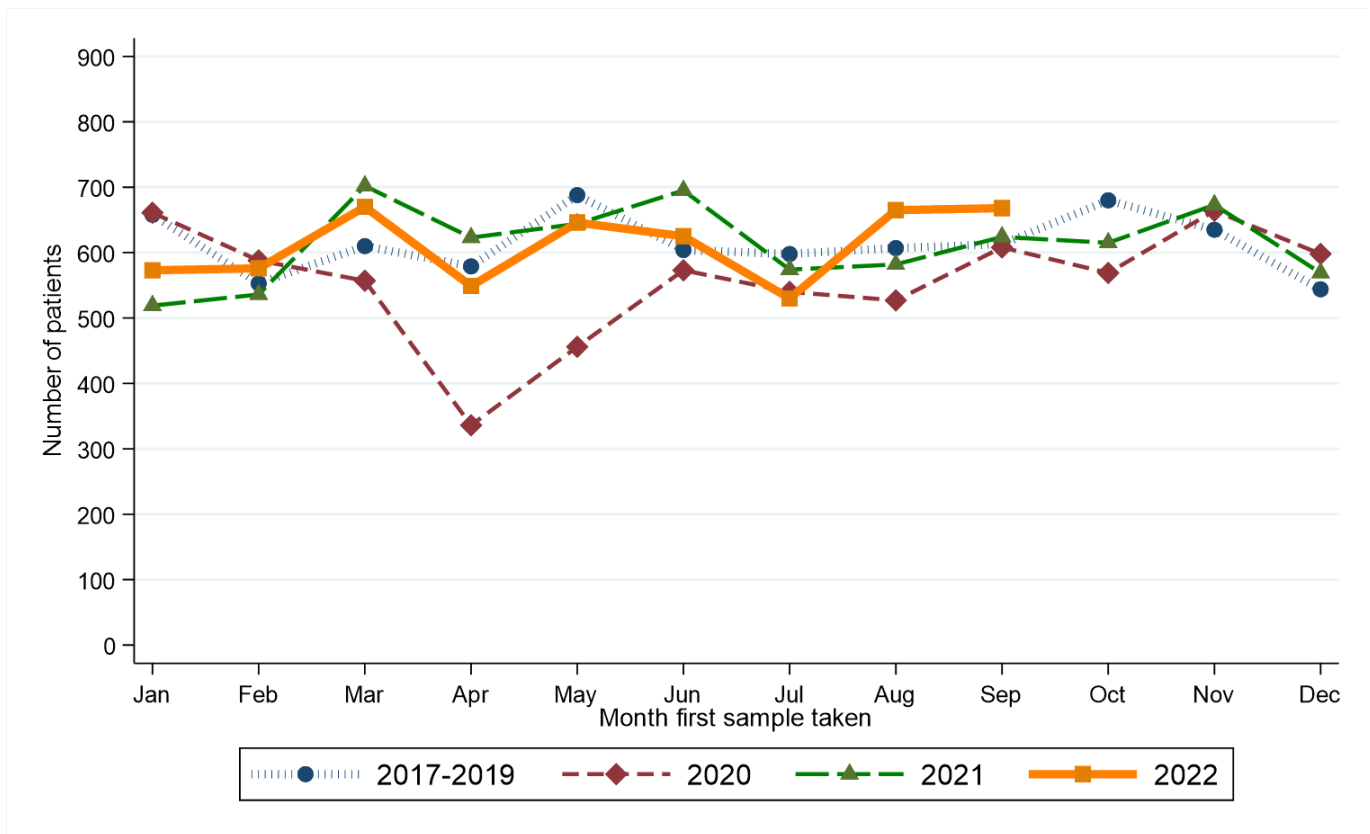
Data are sourced from the four NHS pathology laboratories in NI (Belfast, Altnagelvin, Antrim, Craigavon), which are usually provided to NICR on a monthly basis. **Altnagelvin laboratory is excluded from some analysis as a change in recording systems led to an undercount in the number of reported samples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

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

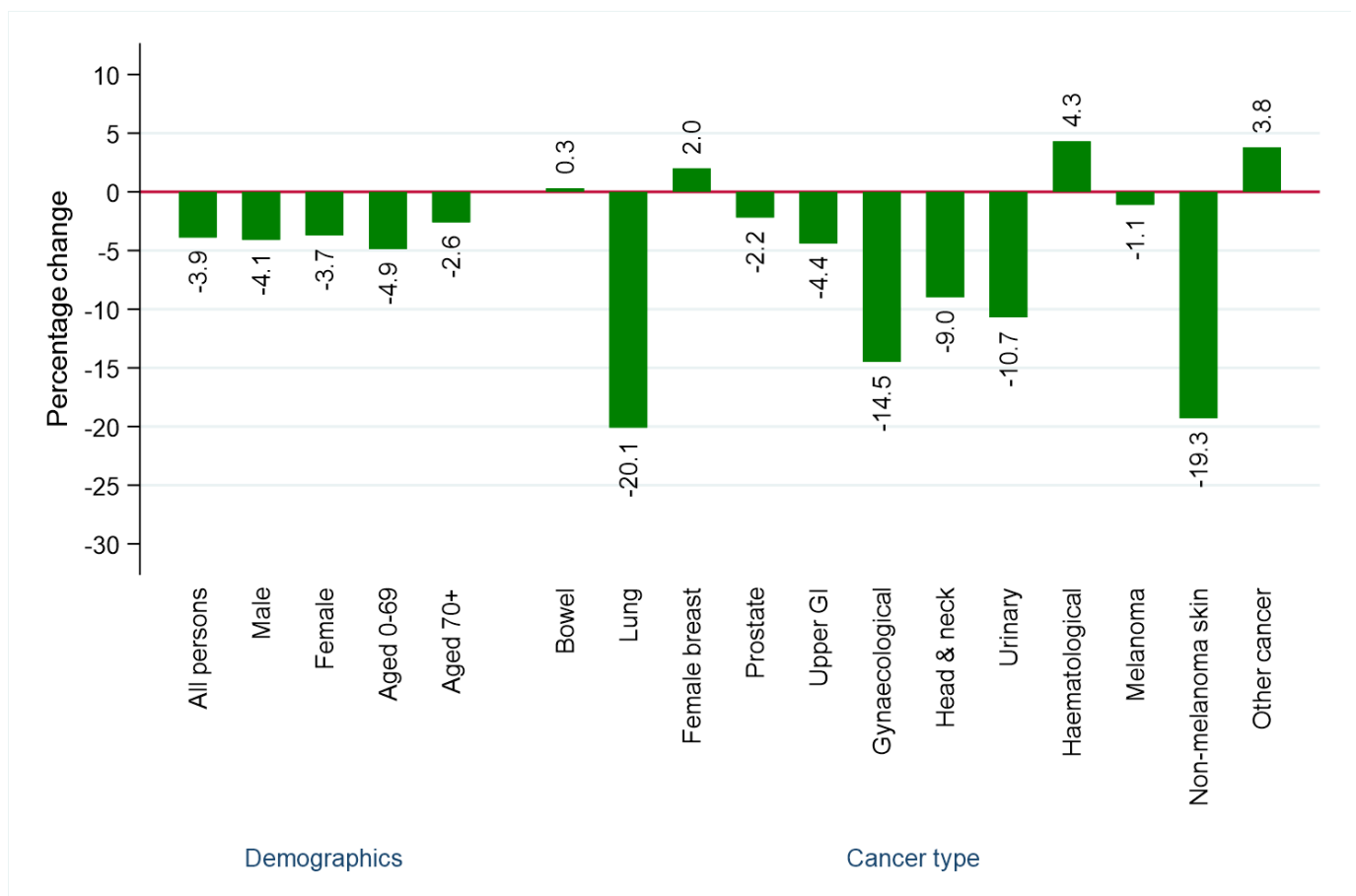
From March 2020 to September 2022 the number of patients with a pathological sample indicating cancer (ex NMSC) was 3.9% lower than the average number for the same time period in 2017-2019.



From March 2020 to September 2022 there was a 4.1% decrease among males and a 3.7% decrease among females compared to the same time period in 2017-2019. A decrease of 4.9% occurred in the number of patients aged 0-69 years, while there was a decrease of 2.6% among those aged 70 and older.

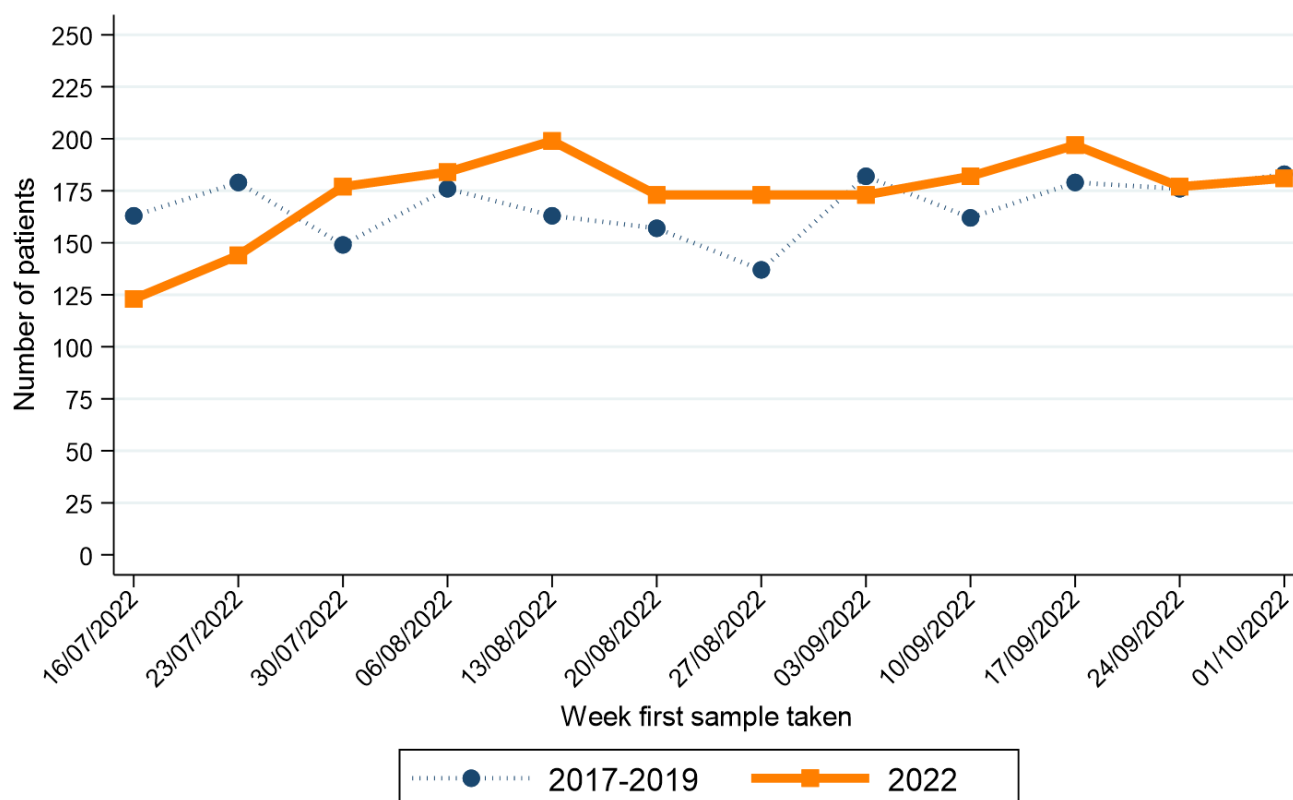


Compared to the annual average in 2017-2019, from March 2020 to September 2022 the number of patients with a pathology sample indicating lung cancer decreased by 20.1%. Increases were recorded for bowel cancer, female breast cancer and haematological cancer, while decreases of more than 10% were recorded for gynaecological cancer, urinary cancer and non-melanoma skin cancer.

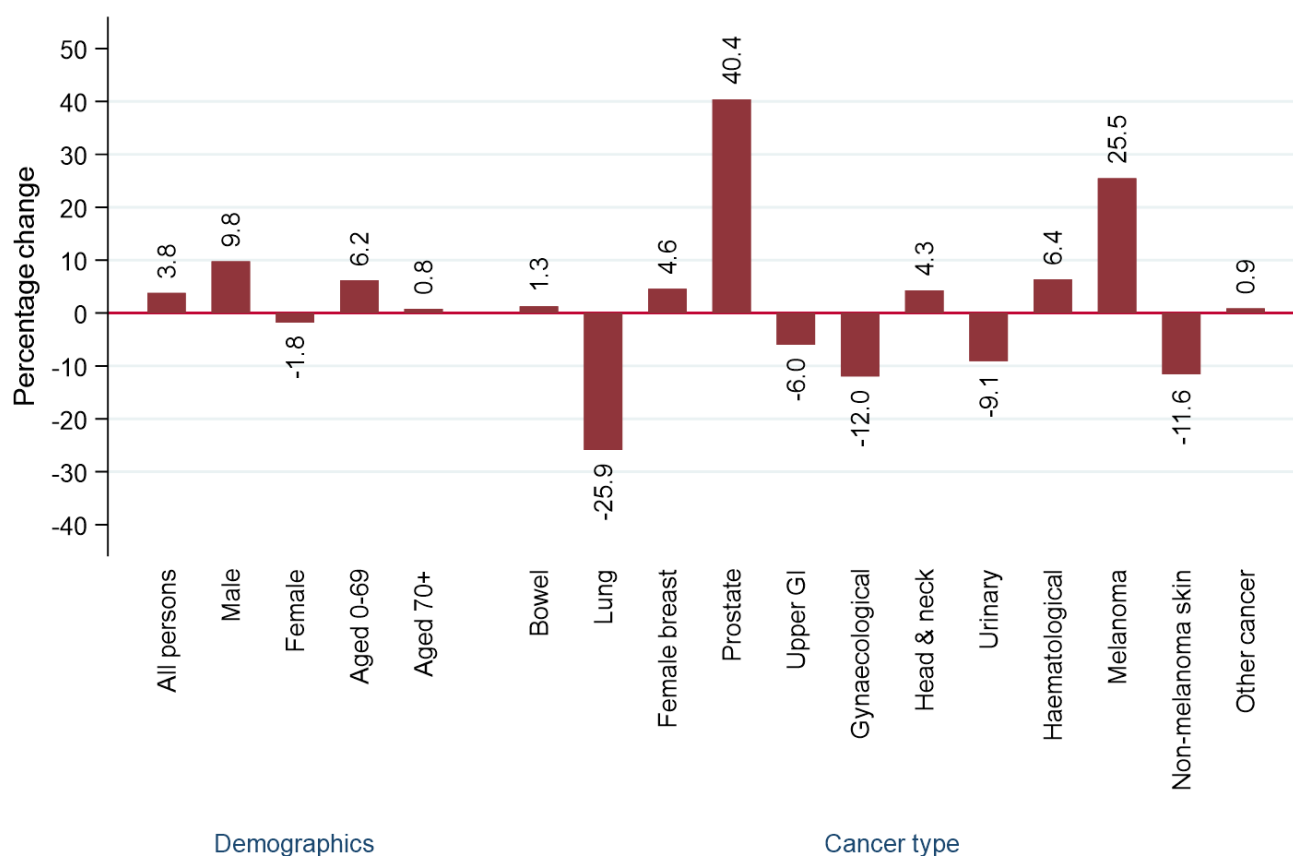


### RECENT CHANGES IN THE NUMBER OF PATIENTS (Includes Altnagelvin)

There was a 3.8% increase in the number of patients with a pathology sample indicating cancer in the twelve weeks up to 01/10/2022 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 01/10/2022 there was a 9.8% increase among males and a 1.8% decrease among females compared to the same time period in 2017-2019. An increase of 6.2% occurred in the number of patients aged 0-69 years, while there was an increase of 0.8% among those aged 70 and older.

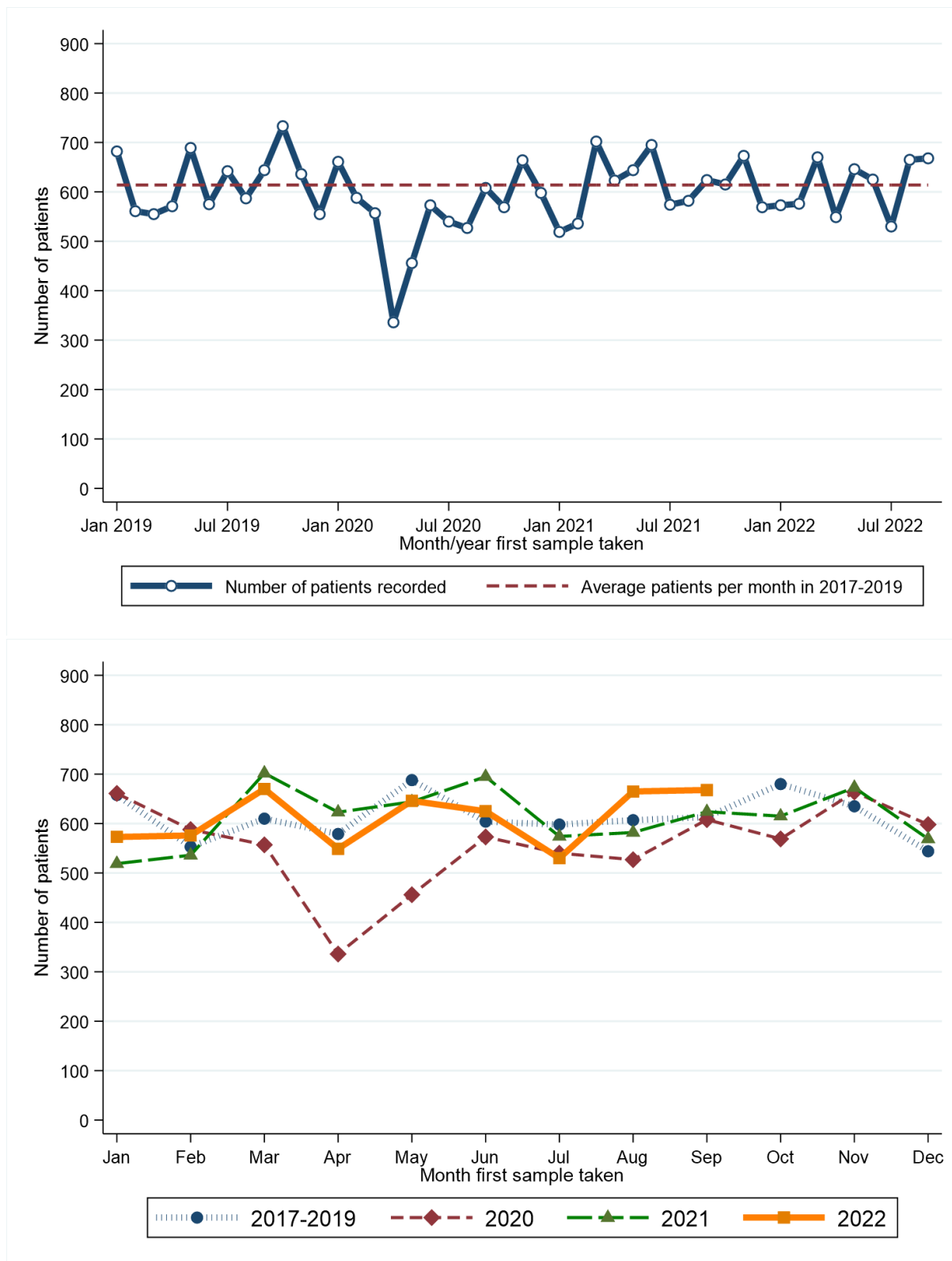
Compared to the annual average in 2017-2019, in the twelve weeks up to 01/10/2022 the number of patients with a pathology sample indicating lung cancer decreased by 25.9%. Increases were recorded for bowel cancer, female breast cancer, prostate cancer, head and neck cancer, haematological cancer and melanoma, while decreases of more than 10% were recorded for gynaecological cancer and non-melanoma skin cancer.

# ALL PERSONS: CANCER (EX NMSC)

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

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

**-3.9%**



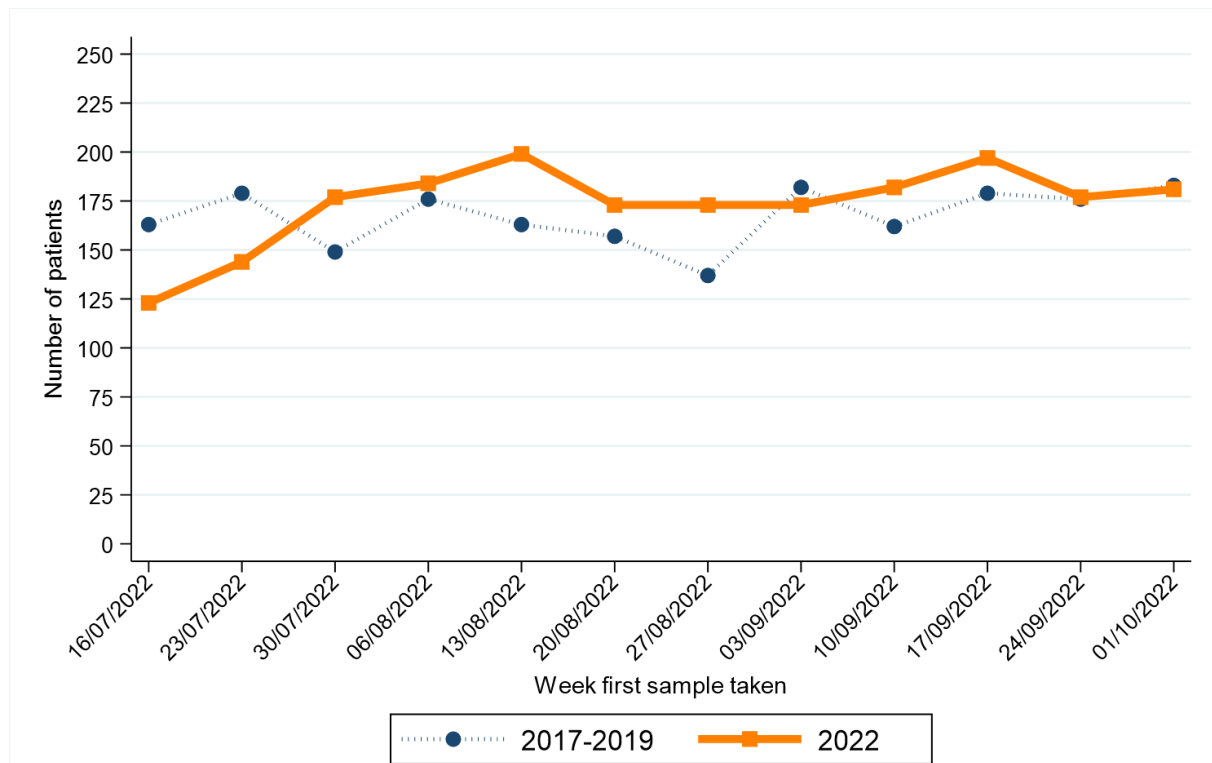
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	658	661	519	573	Jul	598	540	574	530
Feb	553	588	536	576	Aug	607	527	582	665
Mar	610	557	702	670	Sep	613	608	624	668
Apr	579	336	623	549	Oct	680	569	615	.
May	688	456	644	646	Nov	635	664	673	.
Jun	604	573	695	625	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 01/10/2022 compared to expected number based on 2017-2019 average**

**+3.8%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

\* 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.

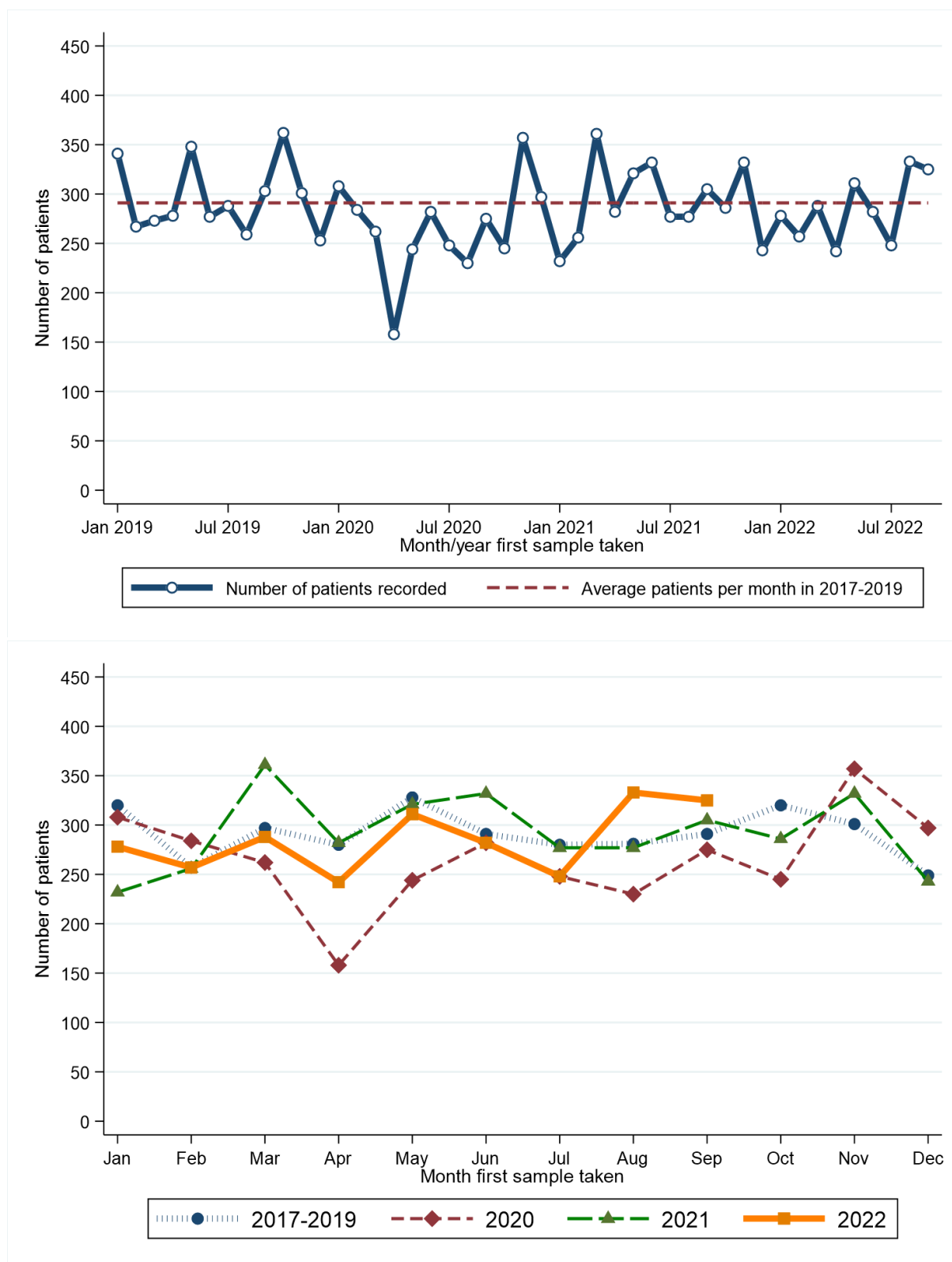


# MALE: CANCER (EX NMSC)

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

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

**-4.1%**



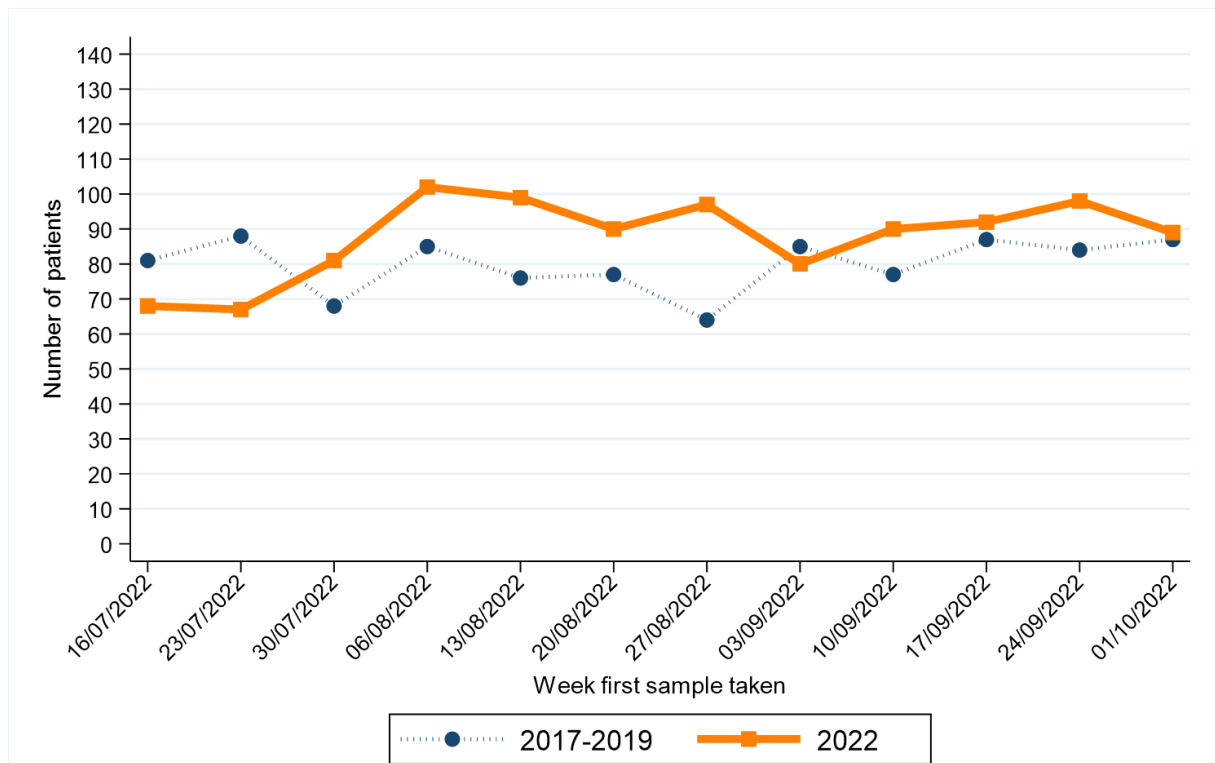
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	320	308	232	278	Jul	280	248	277	248
Feb	257	284	256	257	Aug	281	230	277	333
Mar	297	262	361	288	Sep	291	275	305	325
Apr	280	158	282	242	Oct	320	245	286	.
May	328	244	321	311	Nov	301	357	332	.
Jun	291	282	332	282	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 01/10/2022 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
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

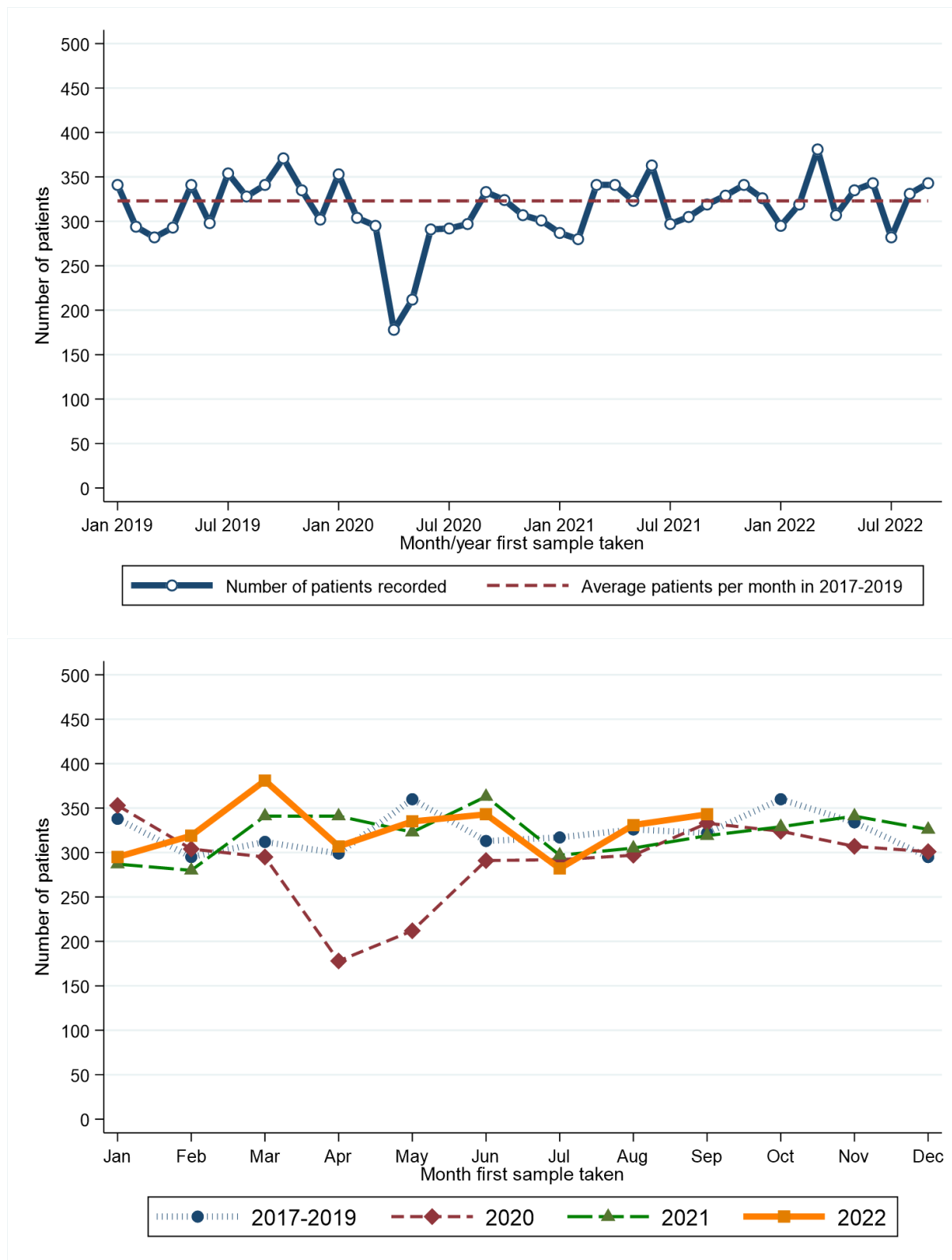
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# FEMALE: CANCER (EX NMSC)

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

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

**-3.7%**



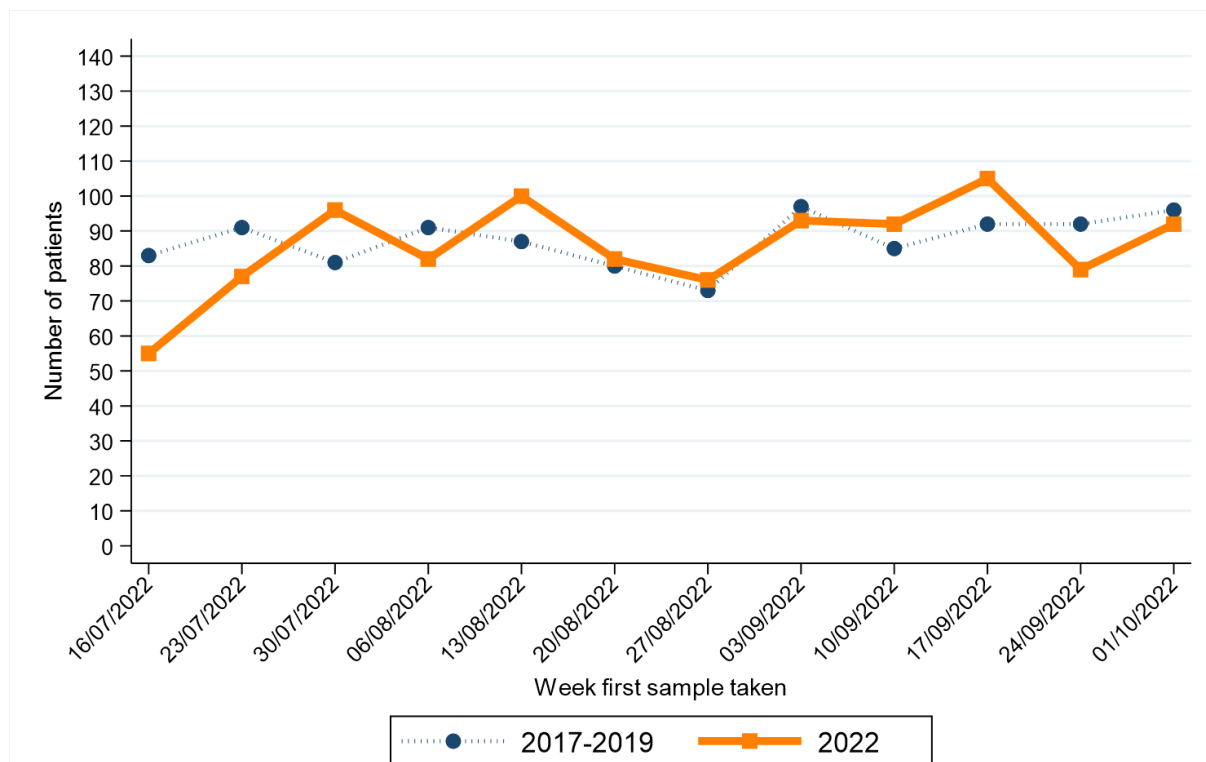
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	338	353	287	295	Jul	317	292	297	282
Feb	295	304	280	319	Aug	326	297	305	331
Mar	312	295	341	381	Sep	322	333	319	343
Apr	299	178	341	307	Oct	360	324	329	.
May	360	212	323	335	Nov	334	307	341	.
Jun	313	291	363	343	Dec	295	301	326	.

\* 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 01/10/2022 compared to expected number based on 2017-2019 average**

**-1.8%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

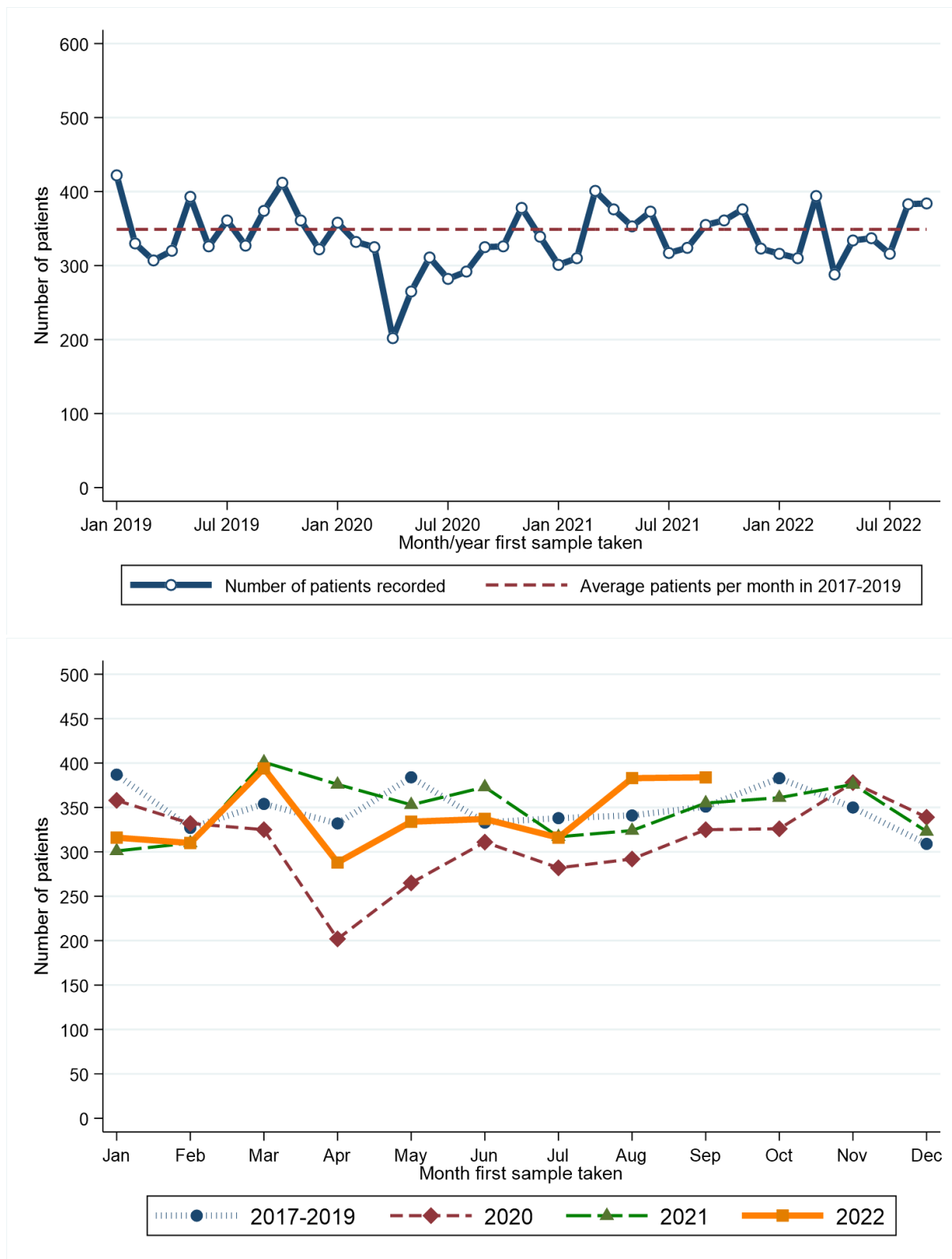
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# AGED 0-69: CANCER (EX NMSC)

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

Percentage change from March 2020 to September 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	387	358	301	316	Jul	338	282	317	316
Feb	327	332	310	310	Aug	341	292	324	383
Mar	354	325	401	394	Sep	351	325	355	384
Apr	332	202	376	288	Oct	383	326	361	.
May	384	265	353	334	Nov	350	378	376	.
Jun	333	311	373	337	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 01/10/2022 compared to expected number based on 2017-2019 average

**+6.2%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

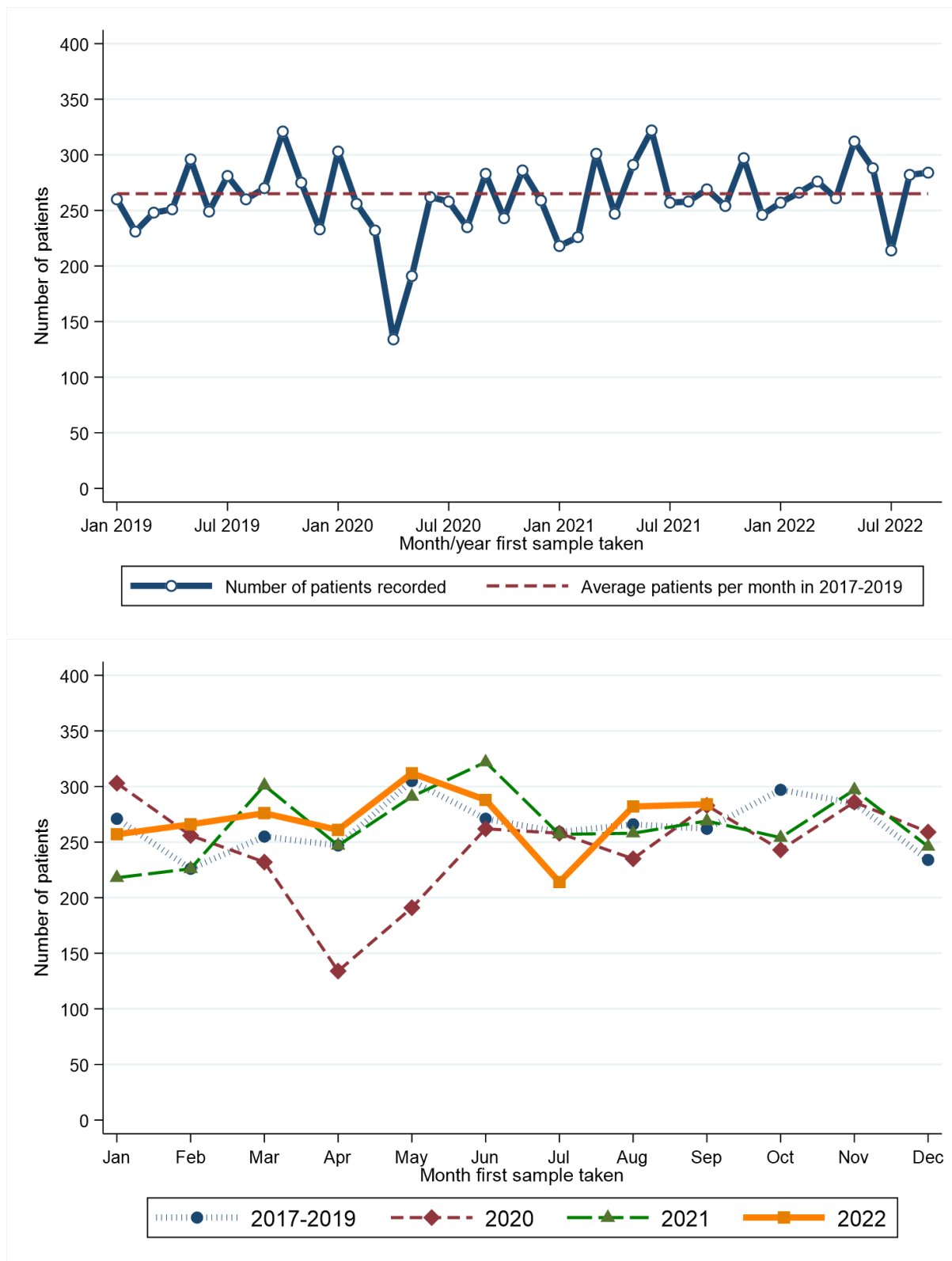
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# AGED 70+: CANCER (EX NMSC)

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

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

**-2.6%**



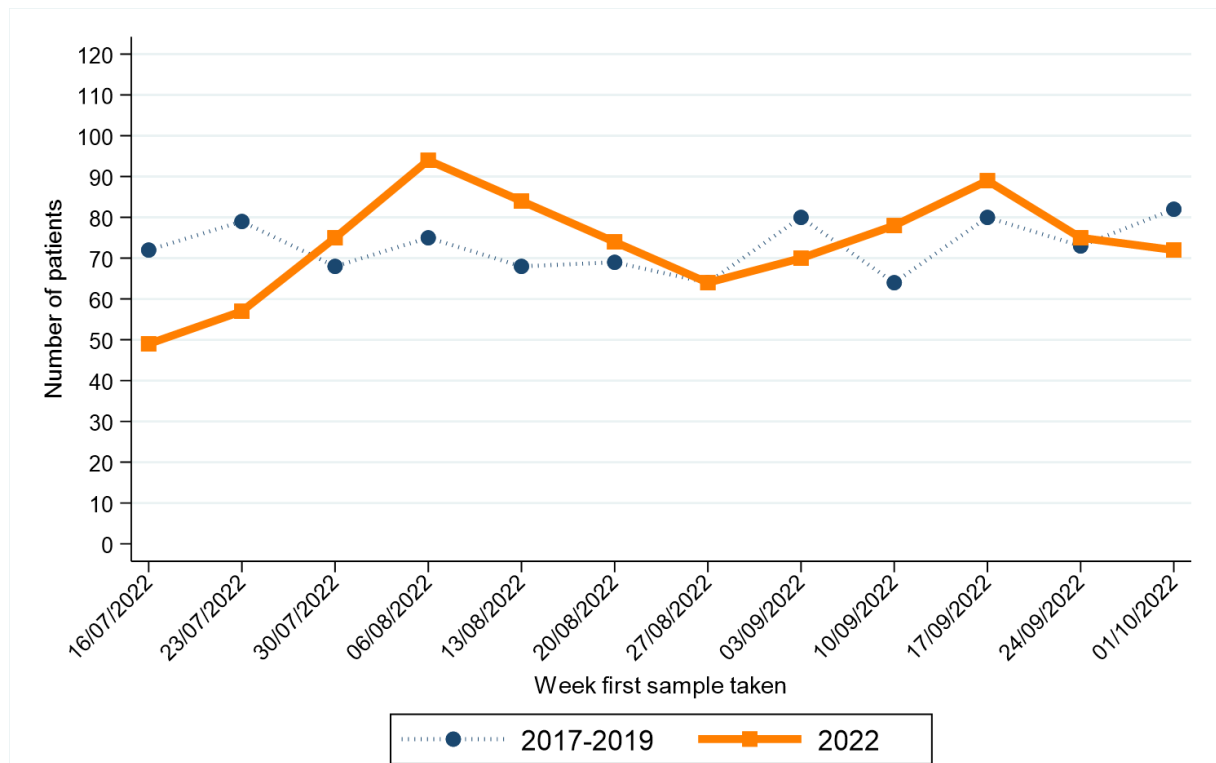
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	271	303	218	257	Jul	259	258	257	214
Feb	226	256	226	266	Aug	266	235	258	282
Mar	255	232	301	276	Sep	262	283	269	284
Apr	247	134	247	261	Oct	297	243	254	.
May	305	191	291	312	Nov	285	286	297	.
Jun	271	262	322	288	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 01/10/2022 compared to expected number based on 2017-2019 average**

**+0.8%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

\* 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.

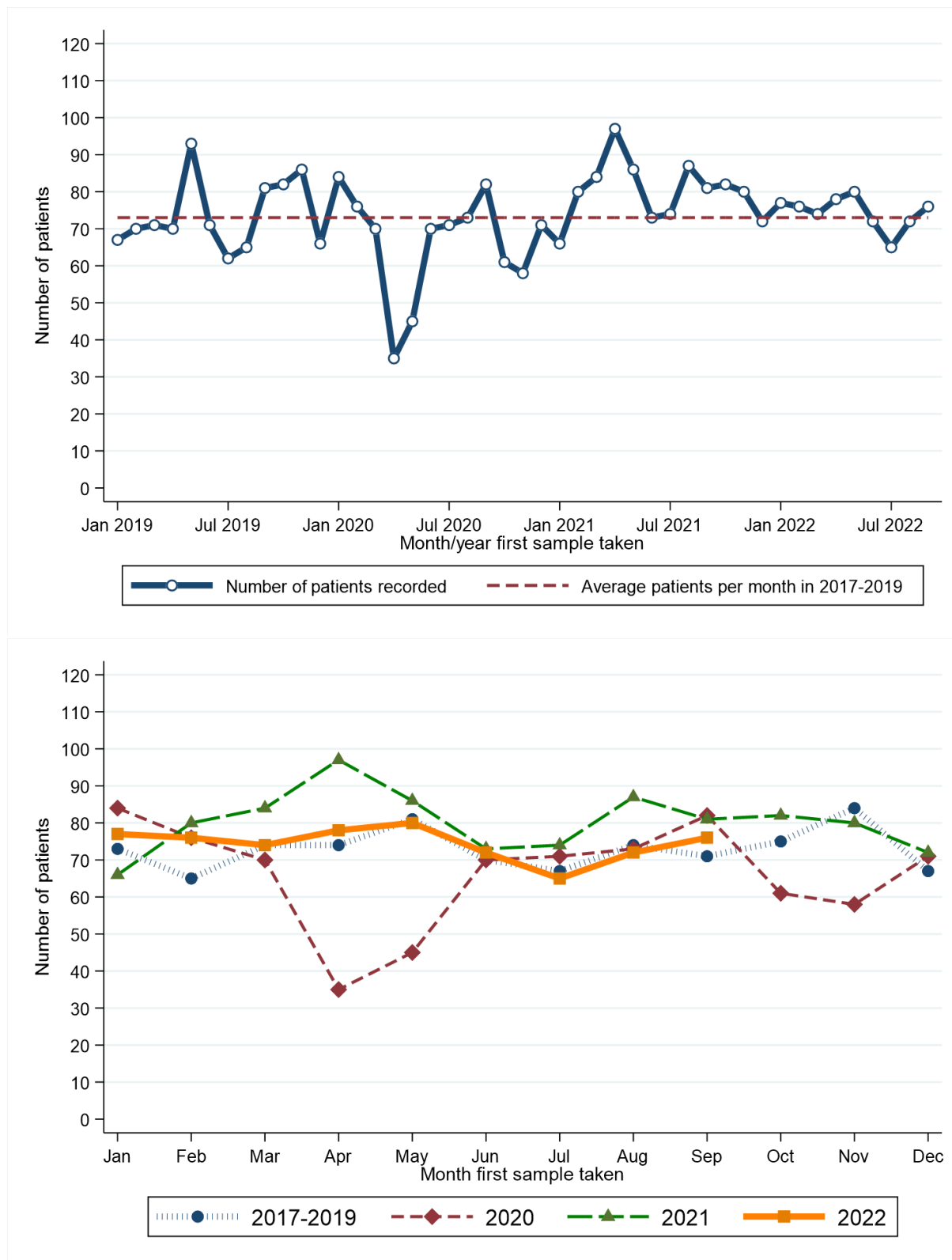


# BOWEL CANCER

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

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

**+0.3%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	73	84	66	77
Feb	65	76	80	76
Mar	74	70	84	74
Apr	74	35	97	78
May	81	45	86	80
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	72
Sep	71	82	81	76
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 01/10/2022 compared to expected number based on 2017-2019 average**

**+1.3%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

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

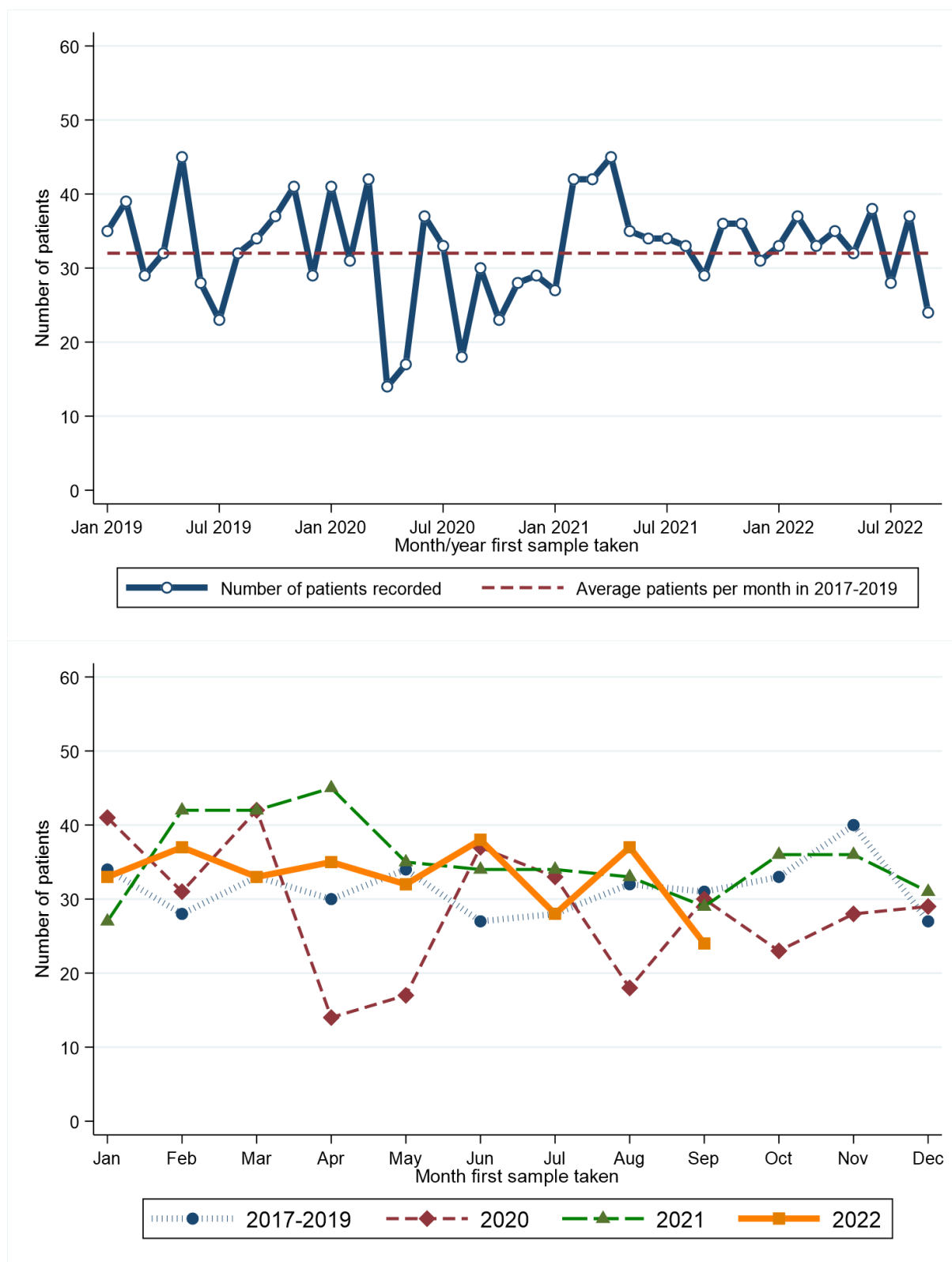
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# BOWEL CANCER (SCREENING AGE)

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

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

**+2.4%**



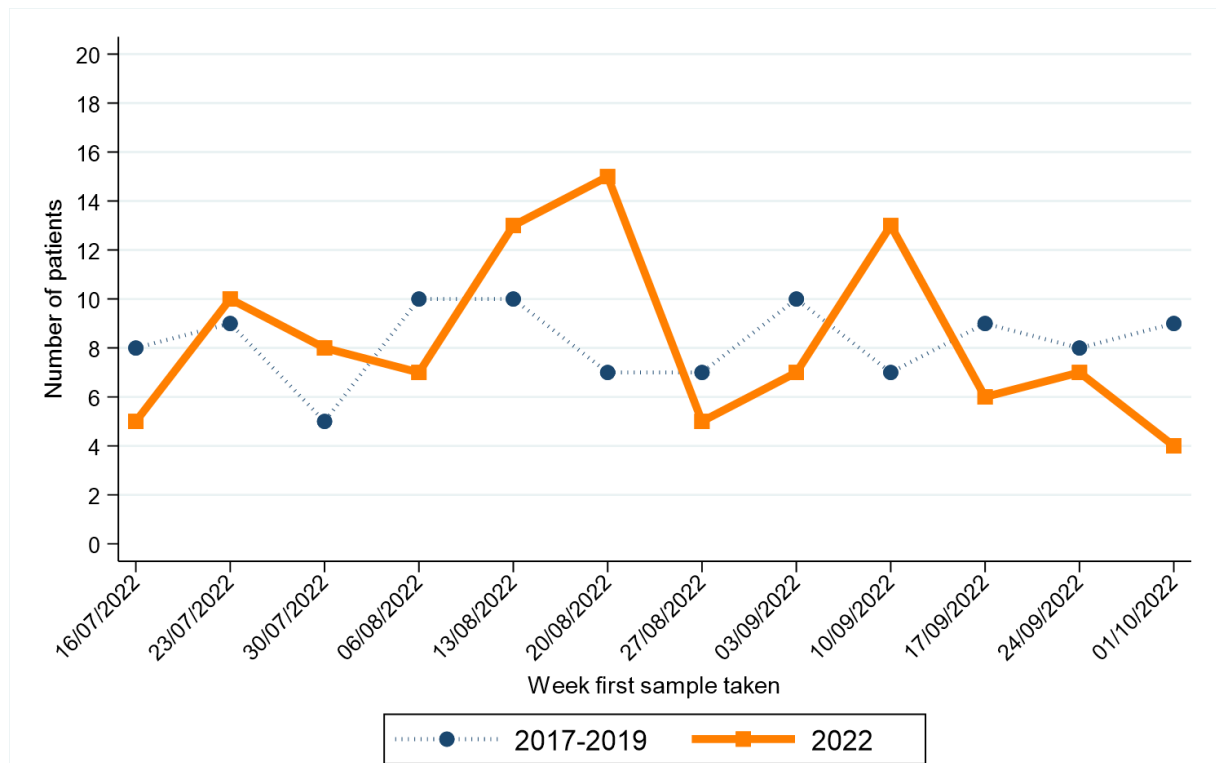
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	34	41	27	33	Jul	28	33	34	28
Feb	28	31	42	37	Aug	32	18	33	37
Mar	33	42	42	33	Sep	31	30	29	24
Apr	30	14	45	35	Oct	33	23	36	.
May	34	17	35	32	Nov	40	28	36	.
Jun	27	37	34	38	Dec	27	29	31	.

\* 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 01/10/2022 compared to expected number based on 2017-2019 average**

**+1.0%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

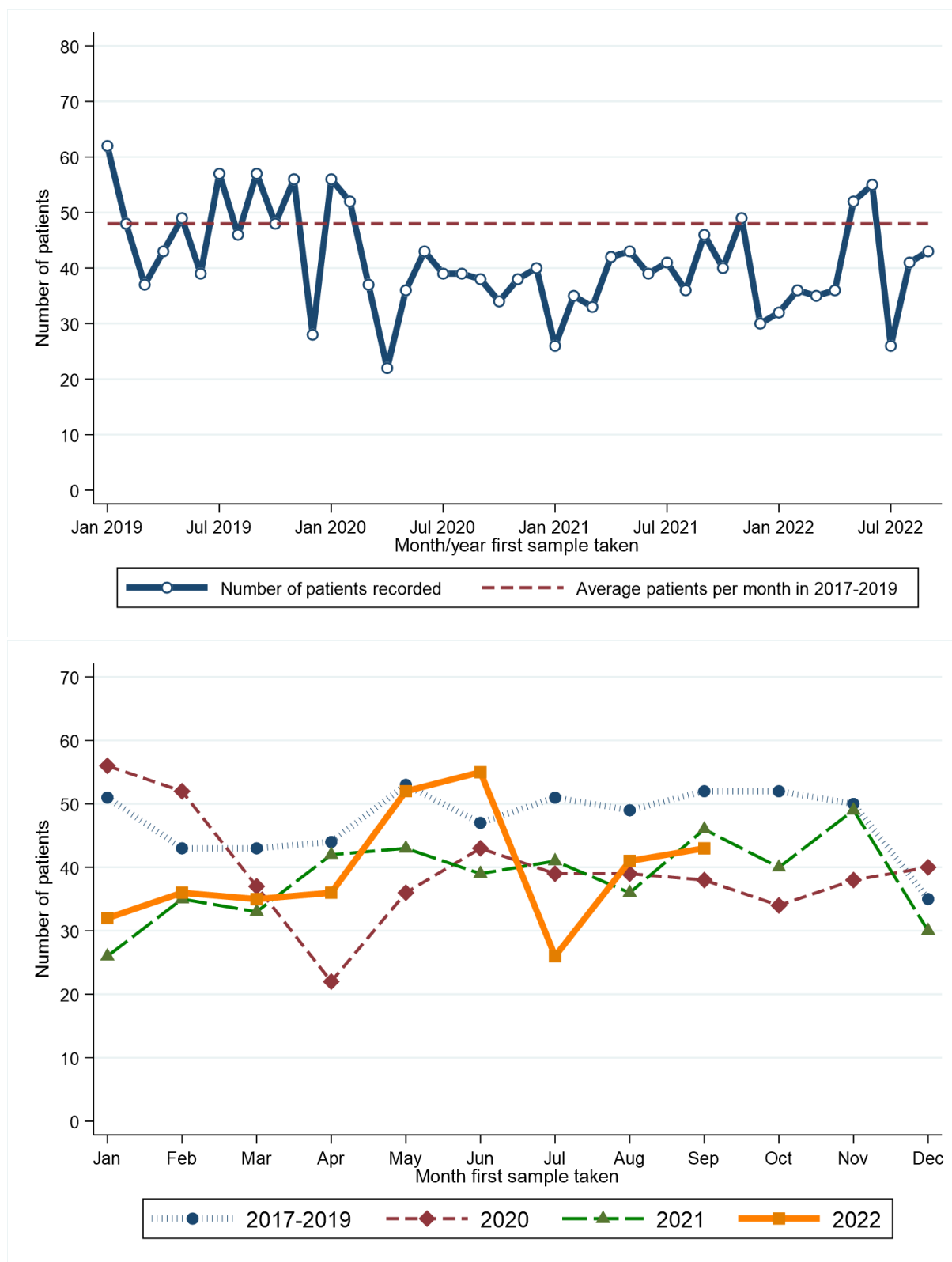
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# LUNG CANCER

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

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

**-20.1%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	51	56	26	32
Feb	43	52	35	36
Mar	43	37	33	35
Apr	44	22	42	36
May	53	36	43	52
Jun	47	43	39	55

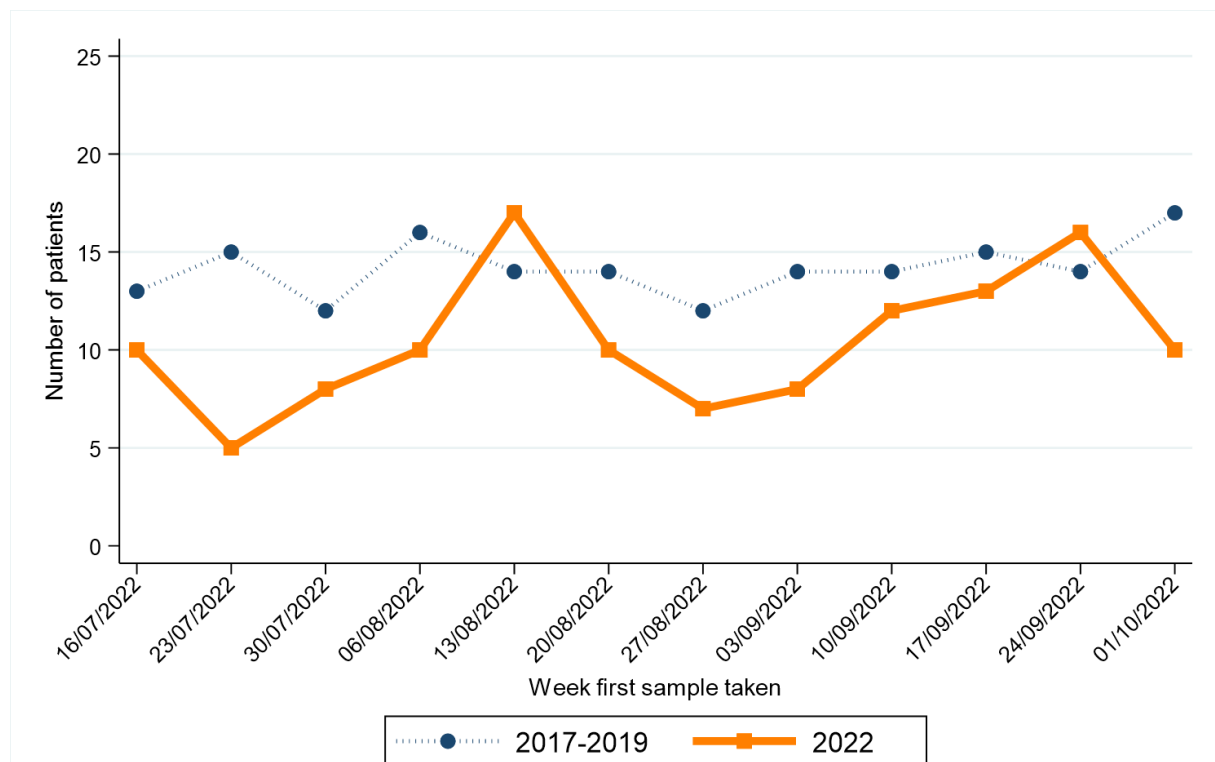
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	51	39	41	26
Aug	49	39	36	41
Sep	52	38	46	43
Oct	52	34	40	.
Nov	50	38	49	.
Dec	35	40	30	.

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

**Percentage change in the twelve weeks up to 01/10/2022 compared to expected number based on 2017-2019 average**

**-25.9%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

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

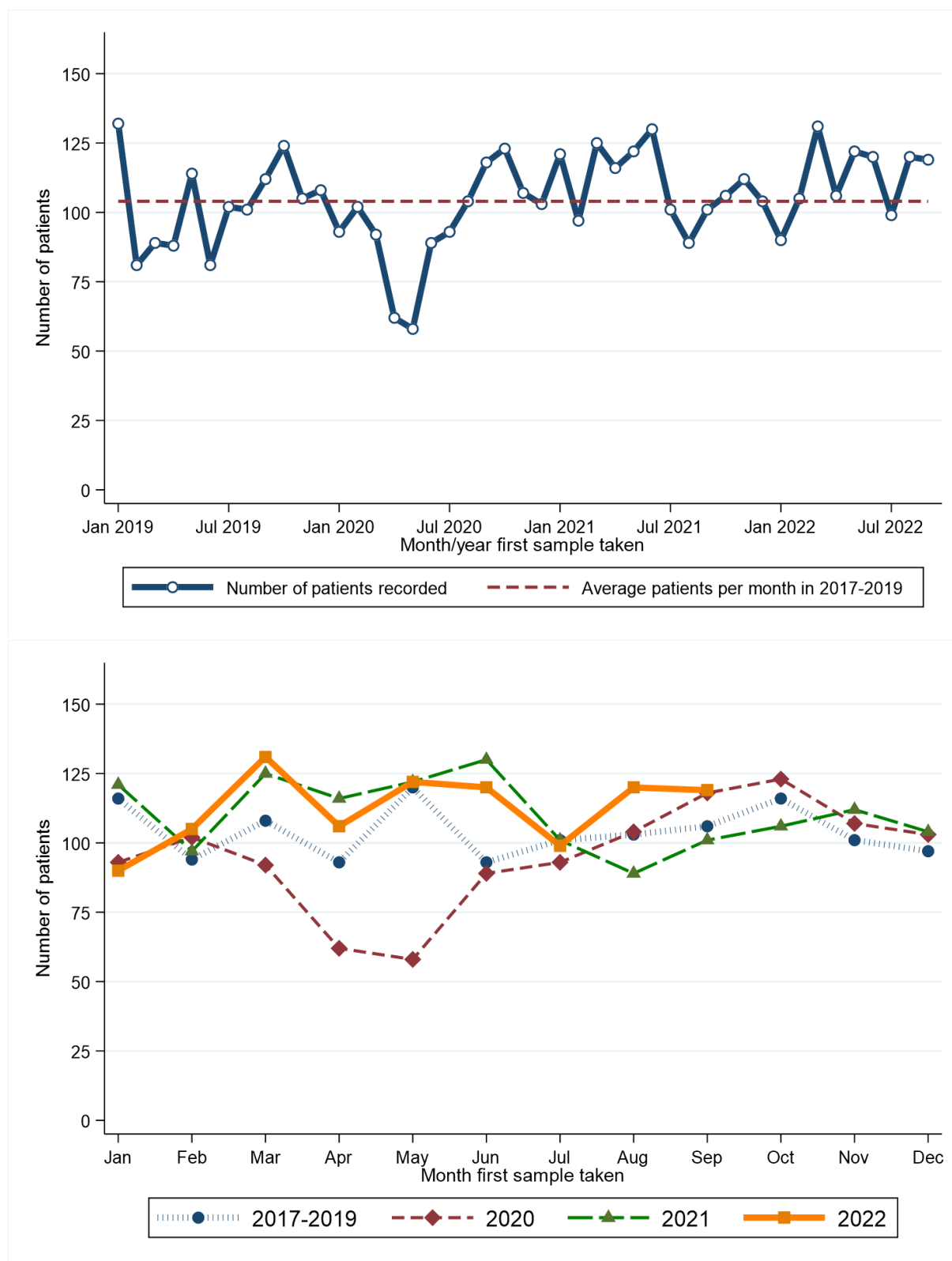
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# FEMALE BREAST CANCER

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

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

**+2.0%**



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

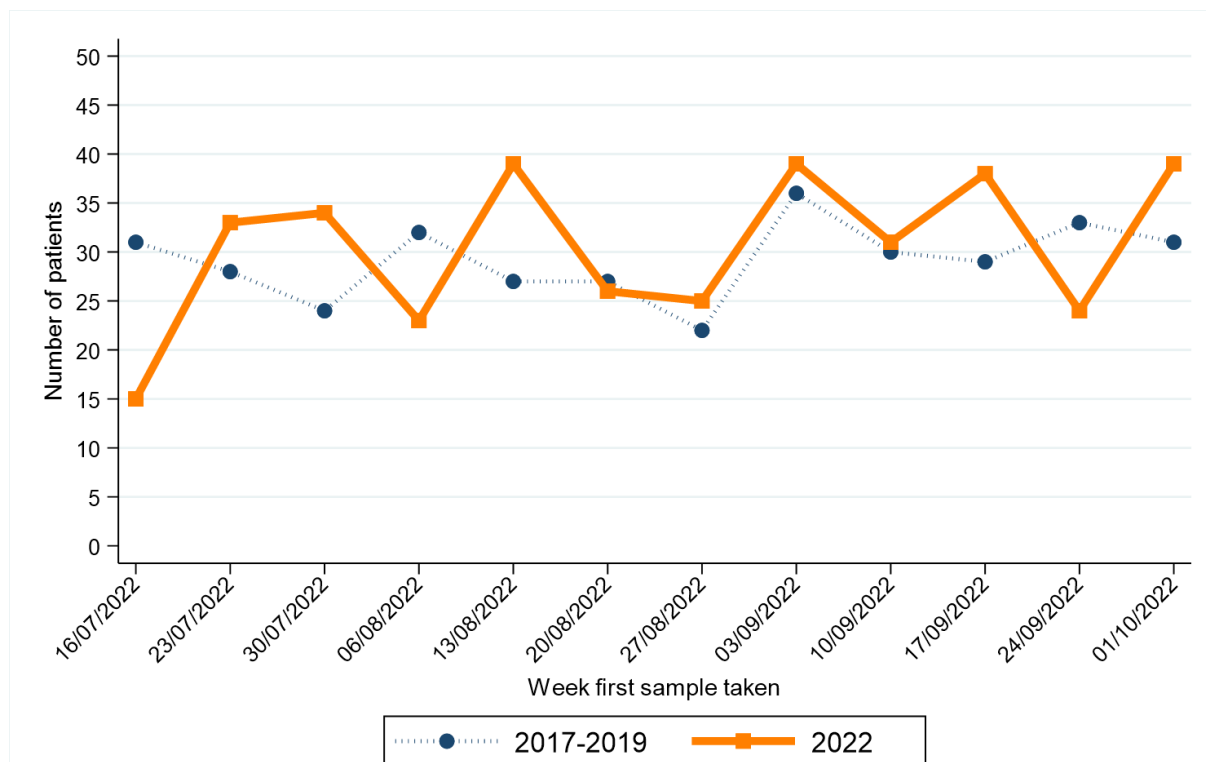
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	101	93	101	99
Aug	103	104	89	120
Sep	106	118	101	119
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 01/10/2022 compared to expected number based on 2017-2019 average

**+4.6%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

\* 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.

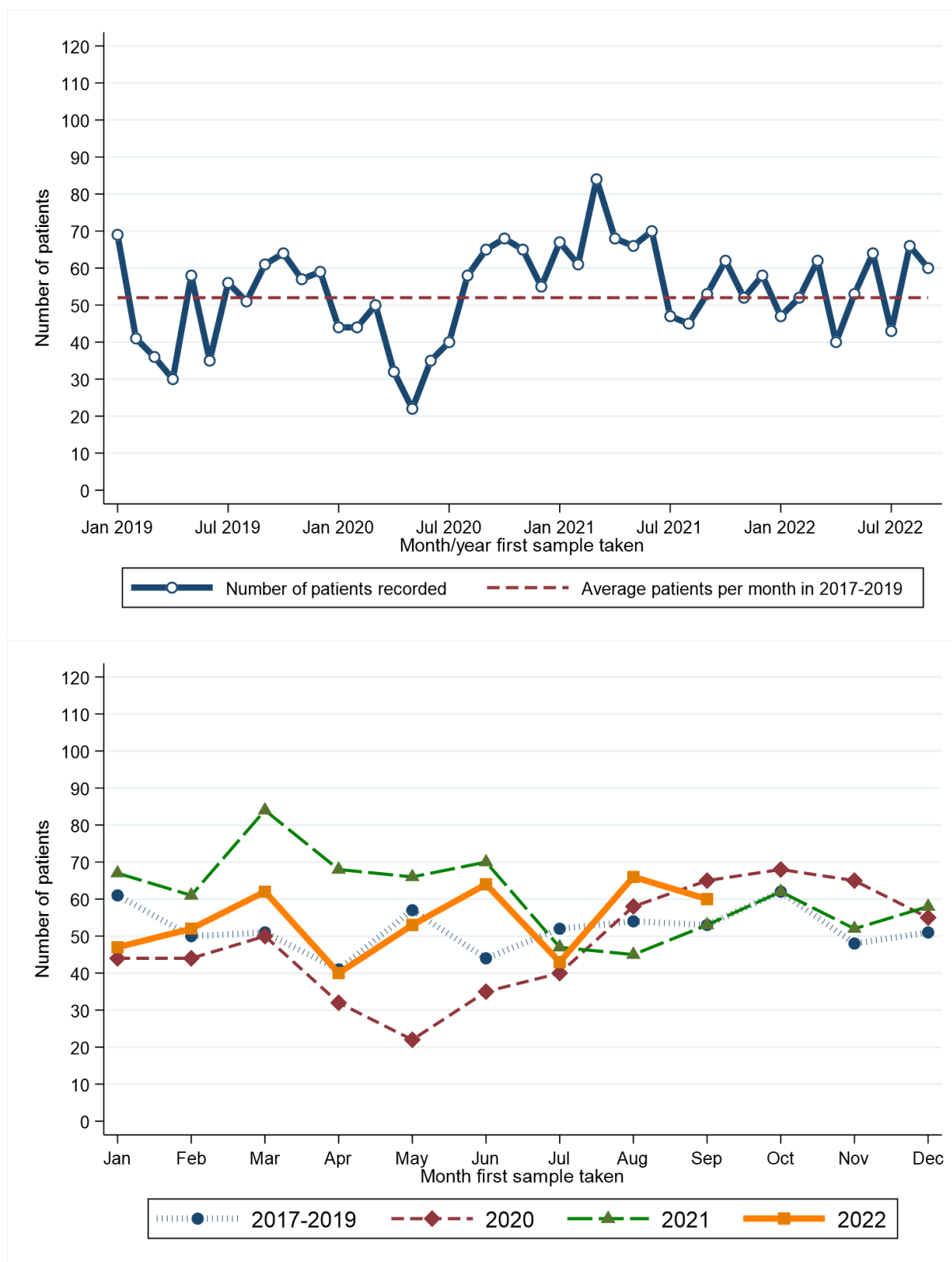


# FEMALE BREAST CANCER (SCREENING AGE)

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

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

**+6.9%**



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

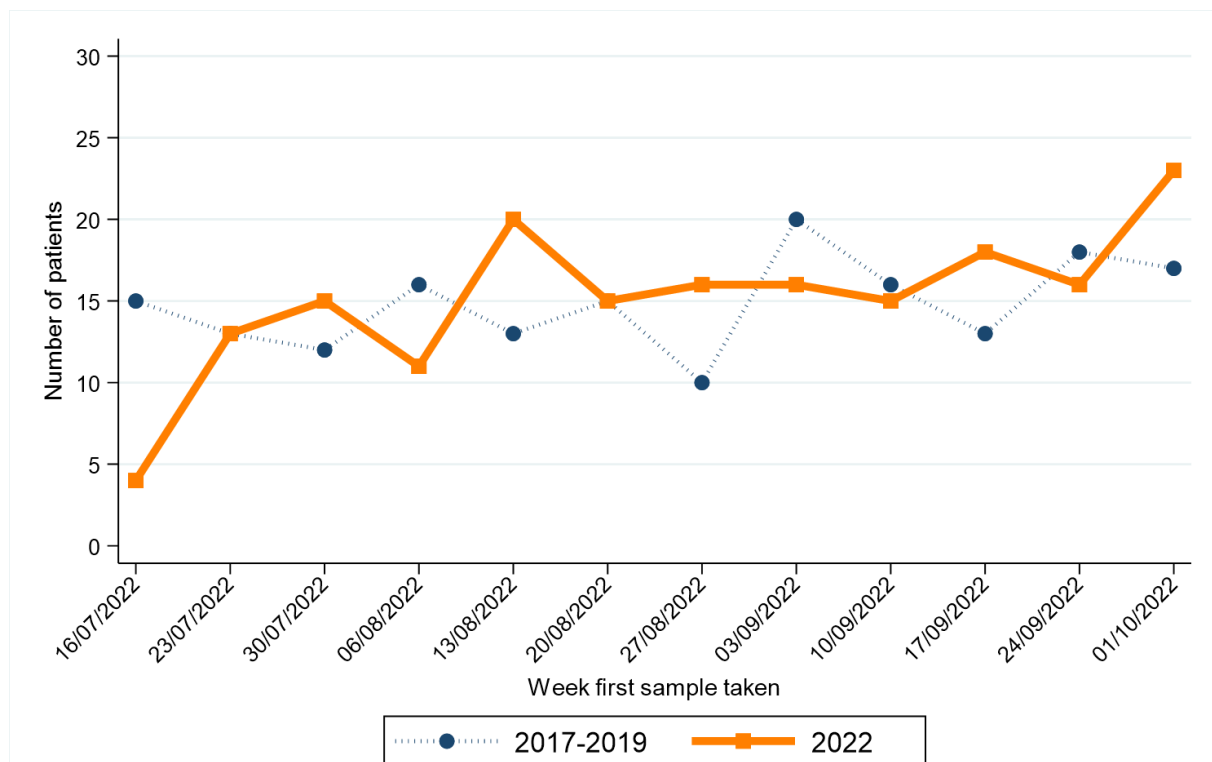
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	52	40	47	43
Aug	54	58	45	66
Sep	53	65	53	60
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 01/10/2022 compared to expected number based on 2017-2019 average**

**+2.2%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

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

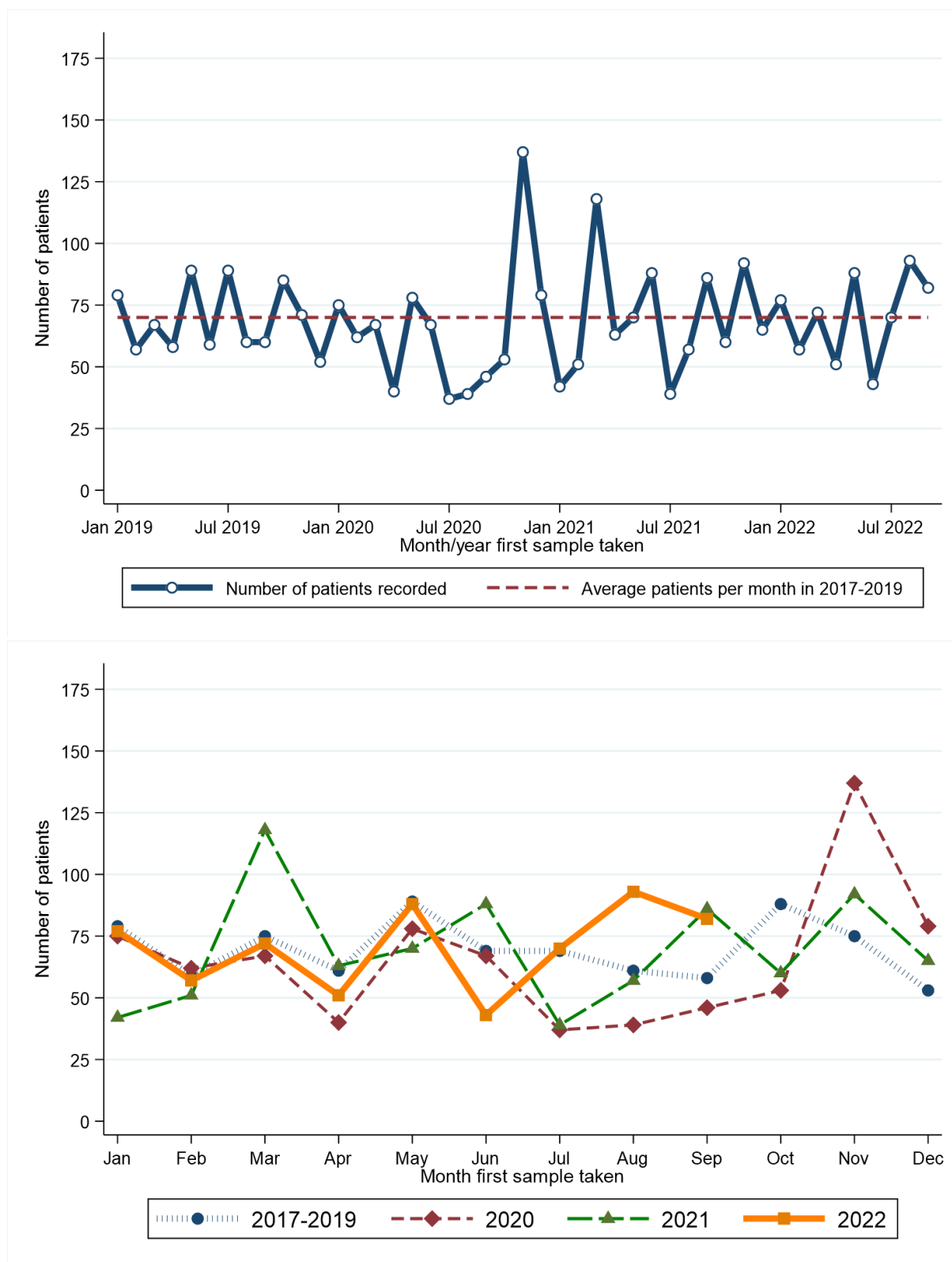
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# PROSTATE CANCER

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

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

**-2.2%**



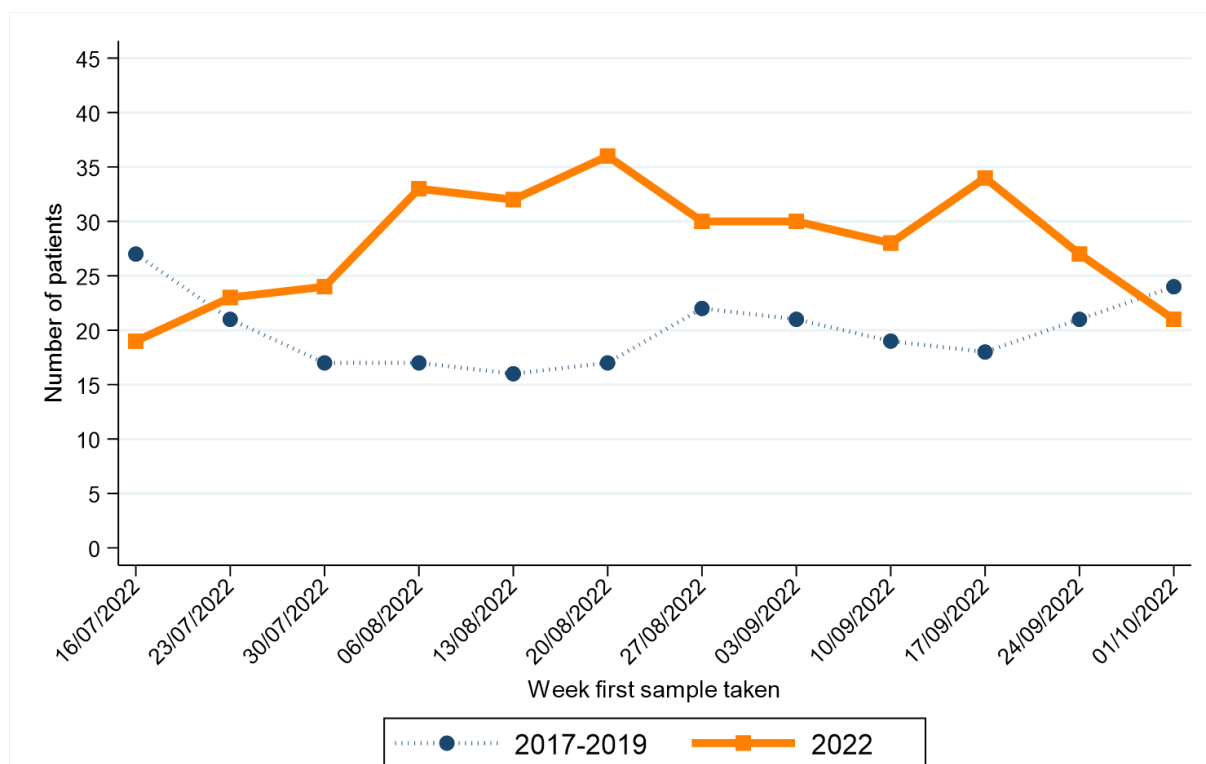
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	79	75	42	77	Jul	69	37	39	70
Feb	59	62	51	57	Aug	61	39	57	93
Mar	75	67	118	72	Sep	58	46	86	82
Apr	61	40	63	51	Oct	88	53	60	.
May	89	78	70	88	Nov	75	137	92	.
Jun	69	67	88	43	Dec	53	79	65	.

\* 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 01/10/2022 compared to expected number based on 2017-2019 average**

**+40.4%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

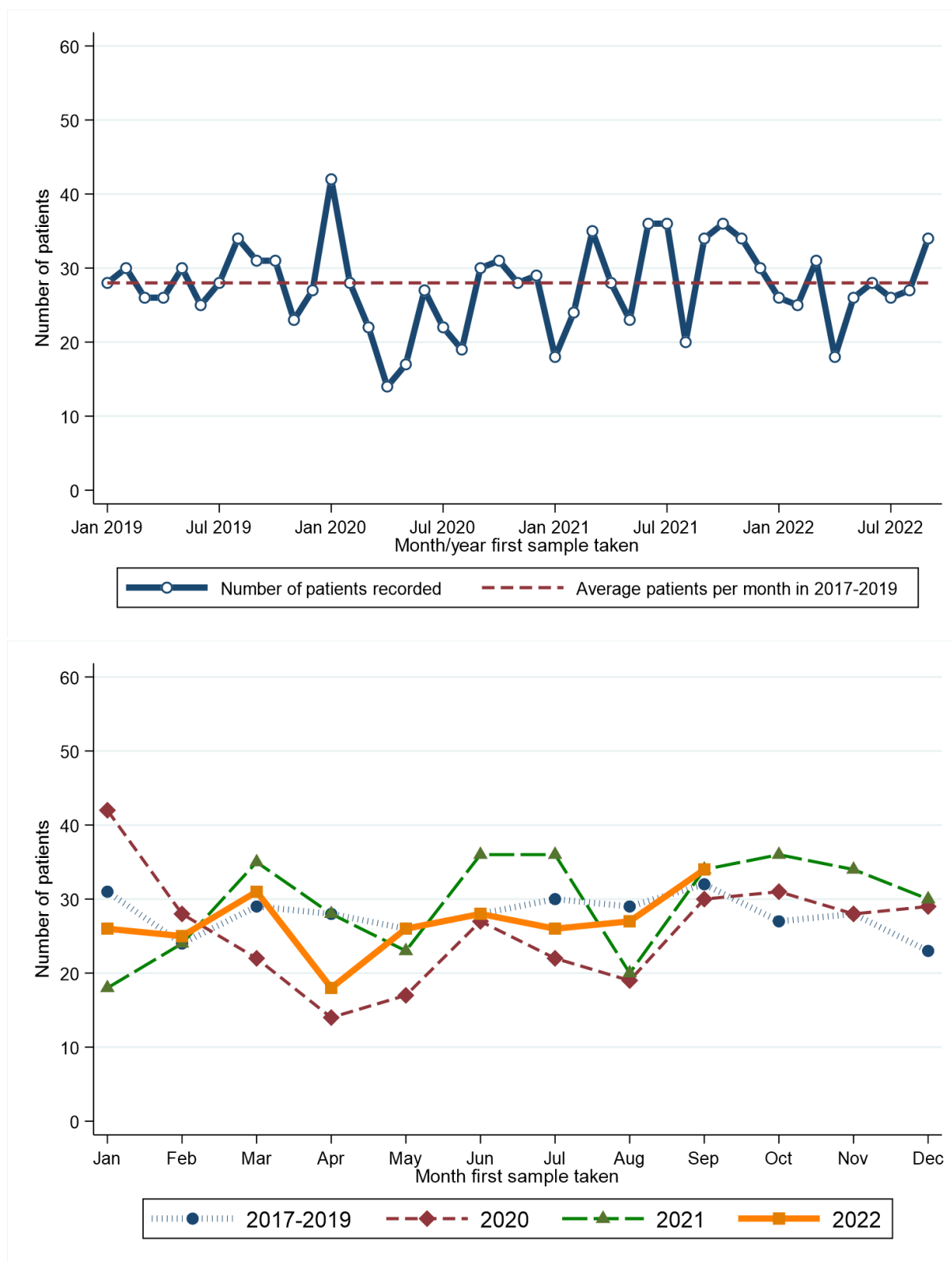
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# UPPER GASTROINTESTINAL CANCER

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

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

**-4.4%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	31	42	18	26
Feb	24	28	24	25
Mar	29	22	35	31
Apr	28	14	28	18
May	26	17	23	26
Jun	28	27	36	28

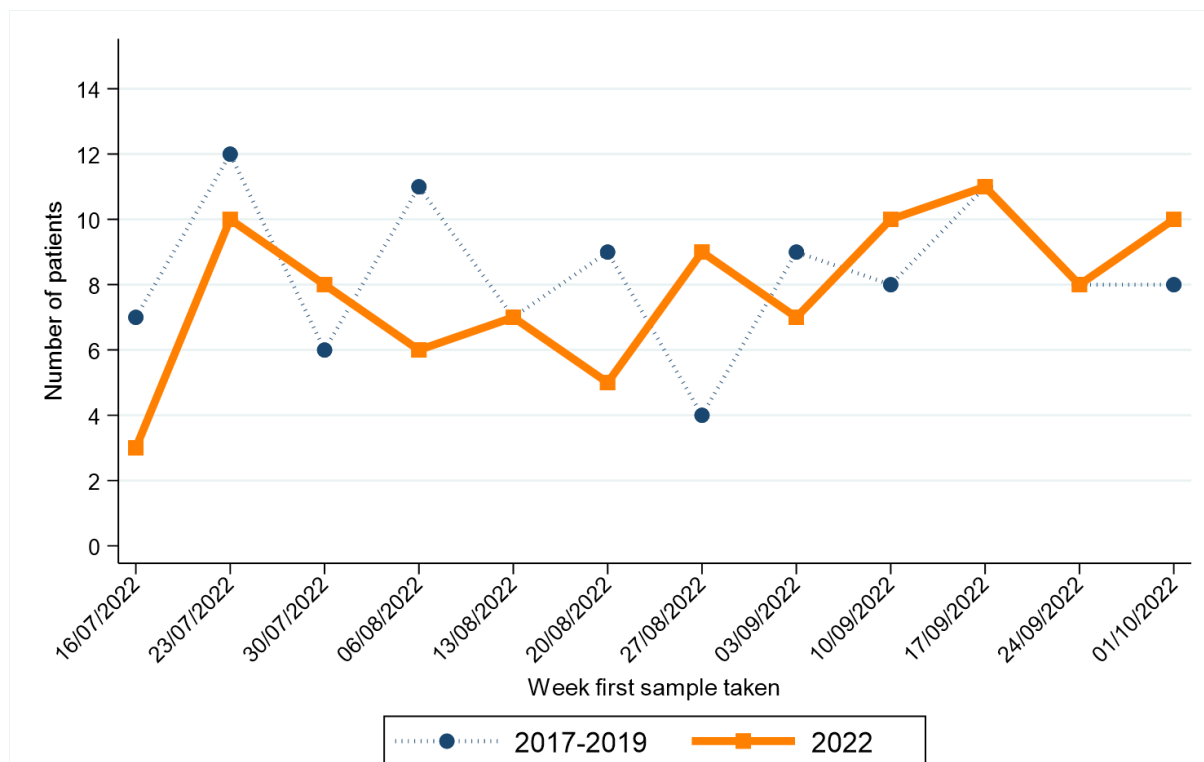
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	30	22	36	26
Aug	29	19	20	27
Sep	32	30	34	34
Oct	27	31	36	.
Nov	28	28	34	.
Dec	23	29	30	.

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

**Percentage change in the twelve weeks up to 01/10/2022 compared to expected number based on 2017-2019 average**

**-6.0%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

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

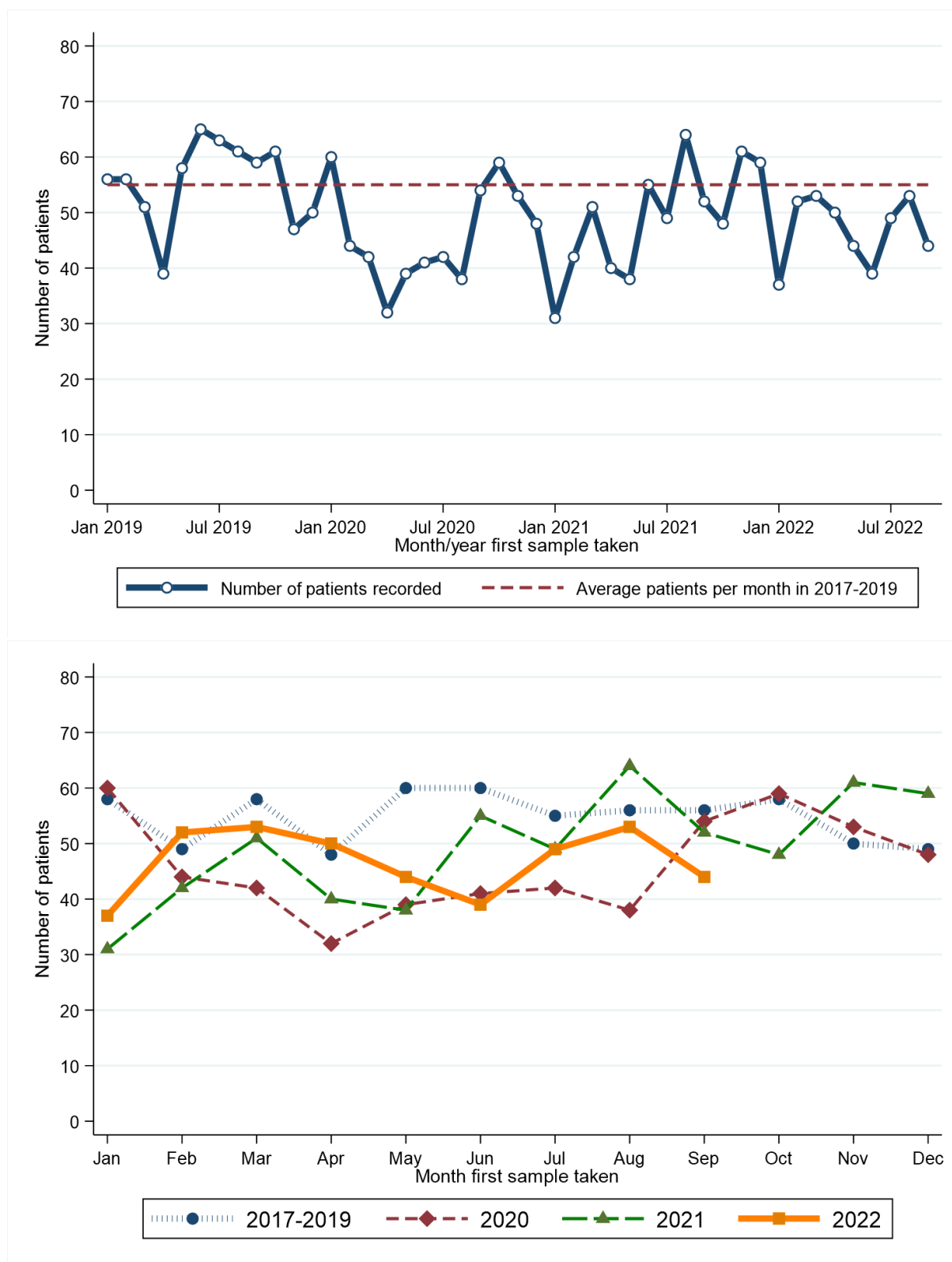
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# GYNAECOLOGICAL CANCER

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

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

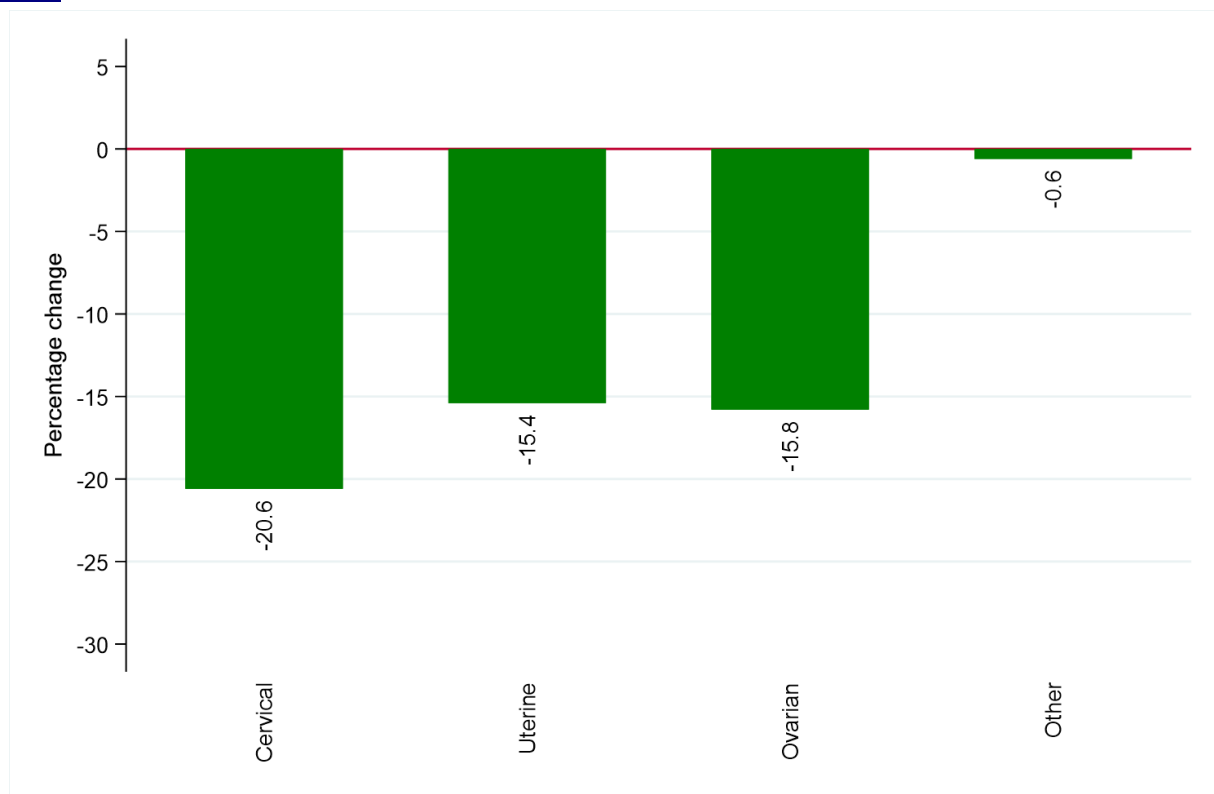
**-14.5%**



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	52	Aug	56	38	64	53
Mar	58	42	51	53	Sep	56	54	52	44
Apr	48	32	40	50	Oct	58	59	48	.
May	60	39	38	44	Nov	50	53	61	.
Jun	60	41	55	39	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 September 2022)	
	Expected number*	Recorded number
Cervical cancer	339	269
Uterine cancer	824	697
Ovarian cancer	582	490
Other gynaecological cancer	174	173

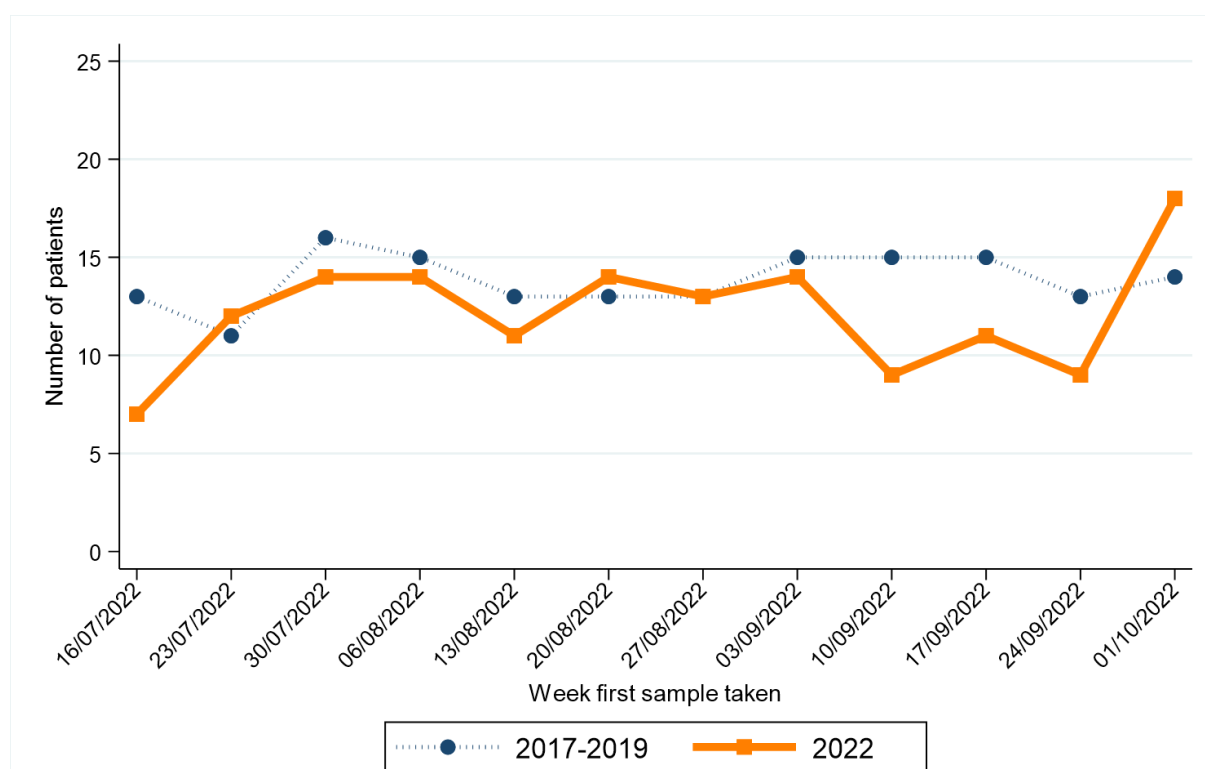
\* Based upon average monthly number of patients from 2017-2019.



# RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 01/10/2022 compared to expected number based on 2017-2019 average

**-12.0%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

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

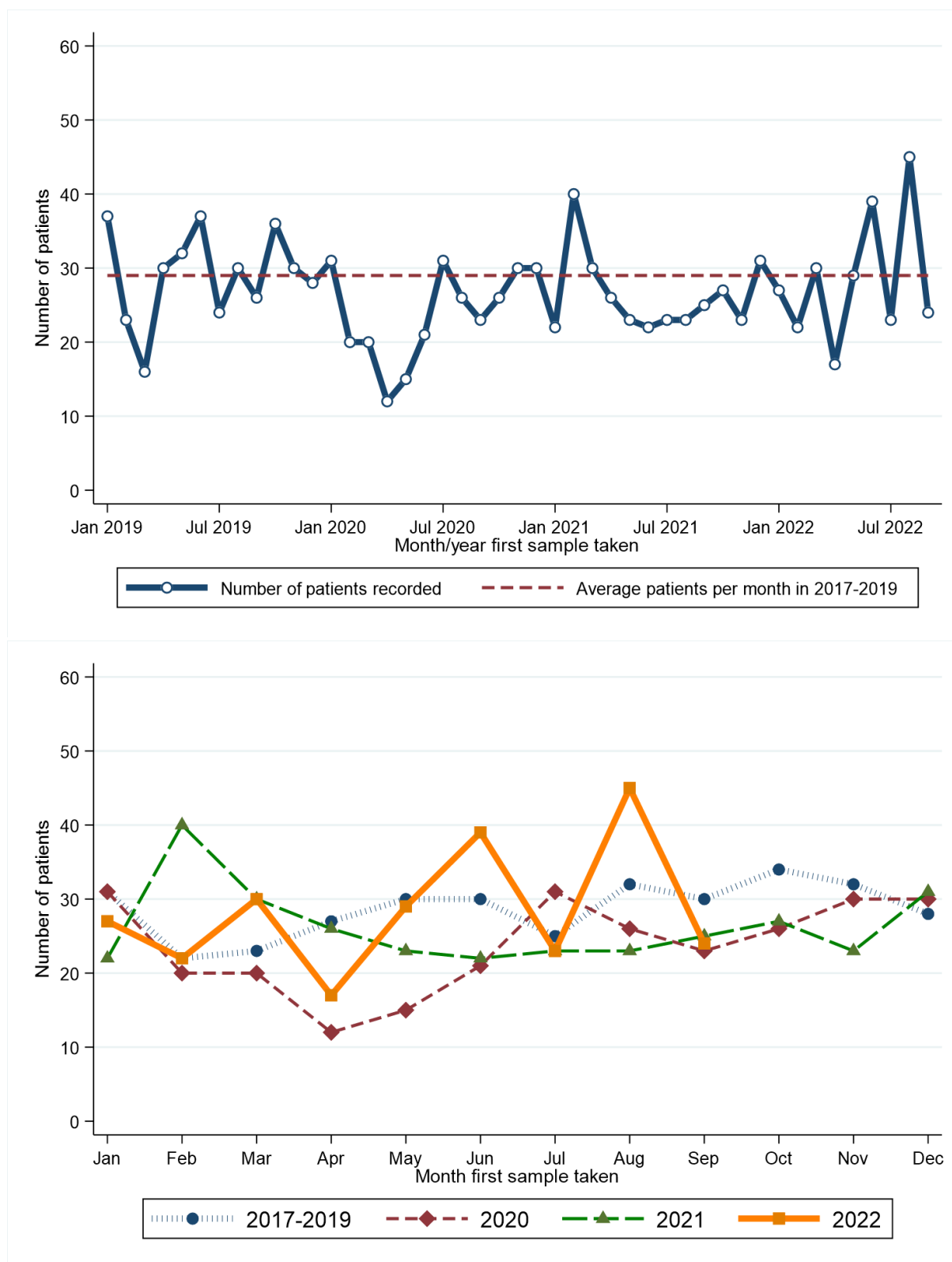
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# HEAD AND NECK CANCER

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

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

**-9.0%**



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	40	22	Aug	32	26	23	45
Mar	23	20	30	30	Sep	30	23	25	24
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 01/10/2022 compared to expected number based on 2017-2019 average**

**+4.3%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

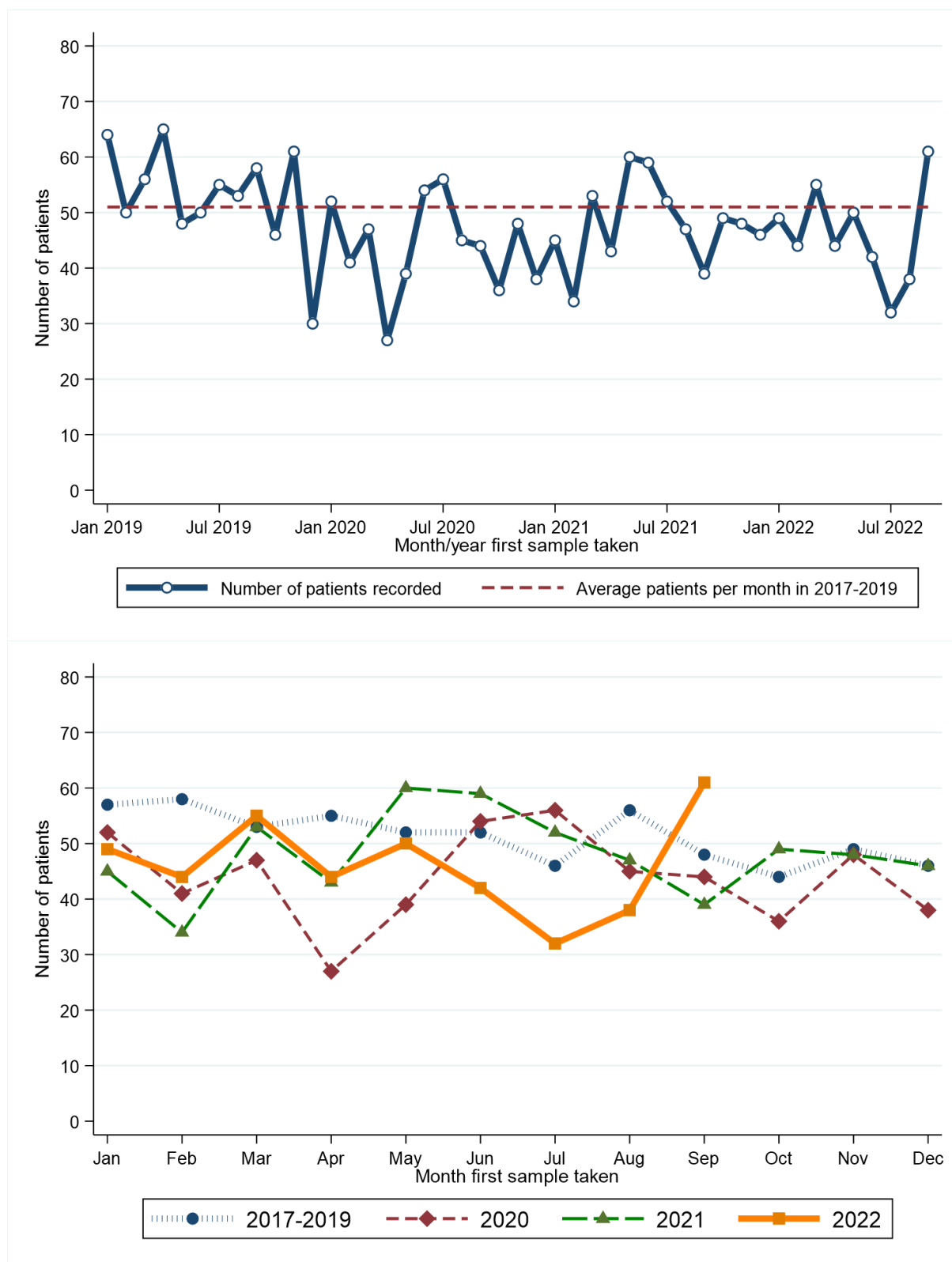
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# URINARY CANCER

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

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

**-10.7%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	57	52	45	49
Feb	58	41	34	44
Mar	53	47	53	55
Apr	55	27	43	44
May	52	39	60	50
Jun	52	54	59	42

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

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	46	56	52	32
Aug	56	45	47	38
Sep	48	44	39	61
Oct	44	36	49	.
Nov	49	48	48	.
Dec	46	38	46	.

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

**Percentage change in the twelve weeks up to 01/10/2022 compared to expected number based on 2017-2019 average**

**-9.1%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

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

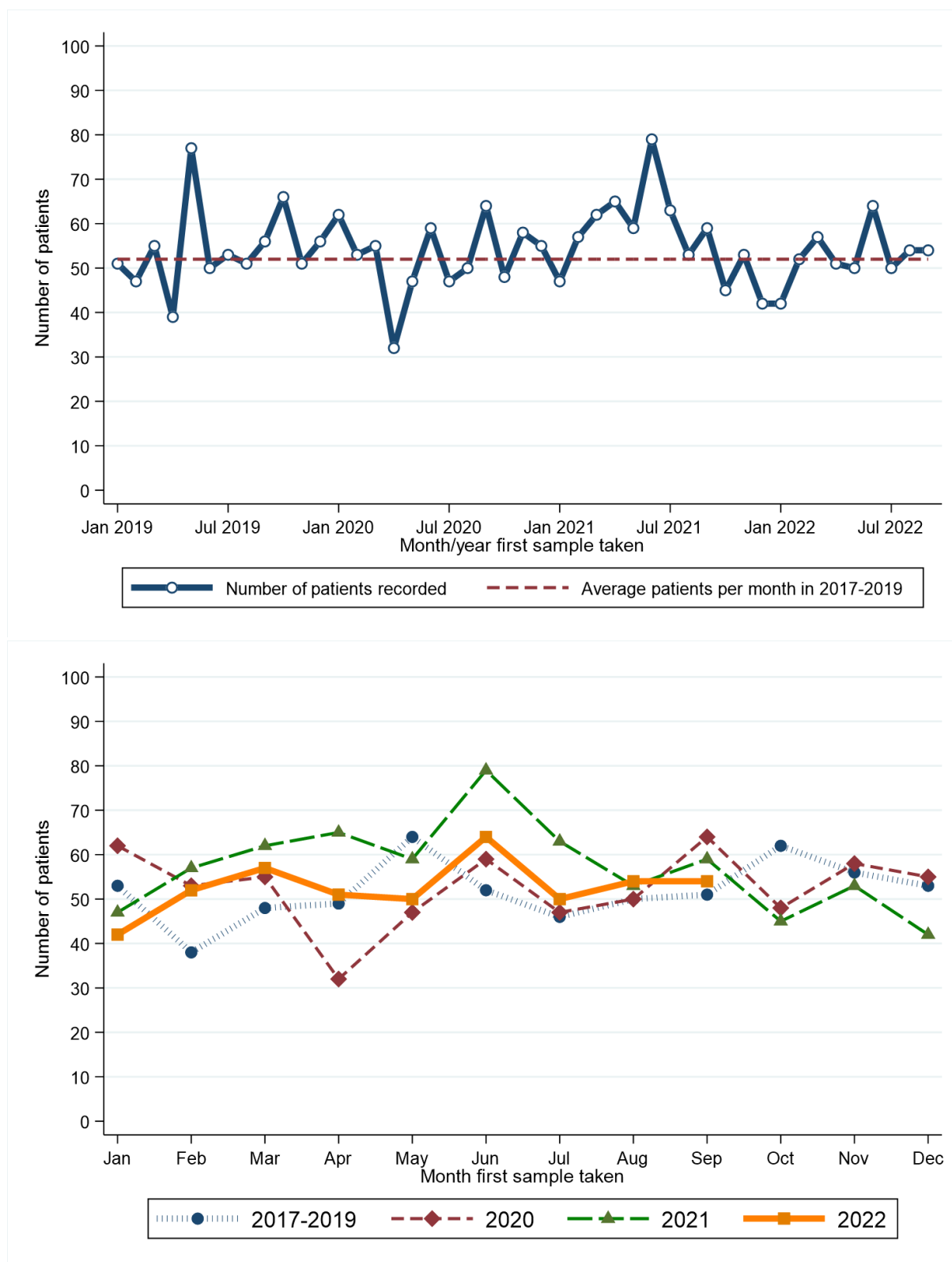
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# HAEMATOLOGICAL CANCER

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

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

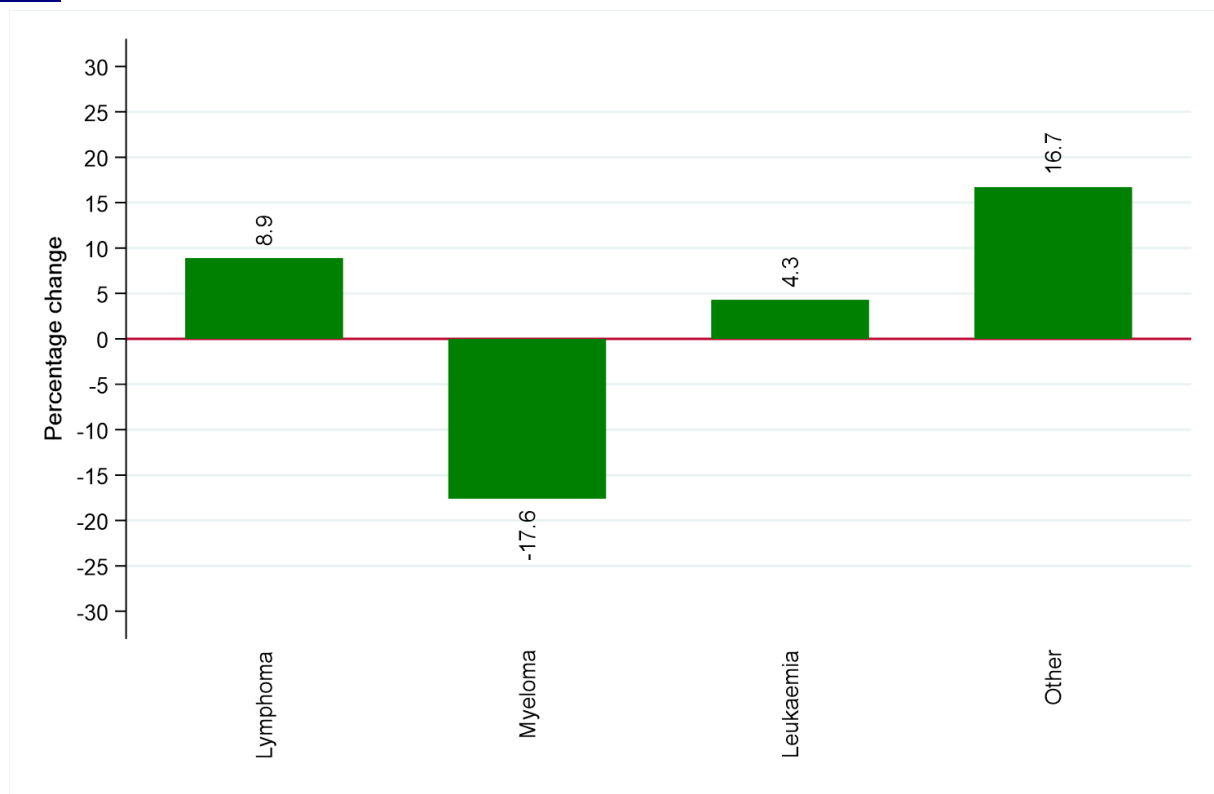
**+4.3%**



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	54
Mar	48	55	62	57	Sep	51	64	59	54
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**



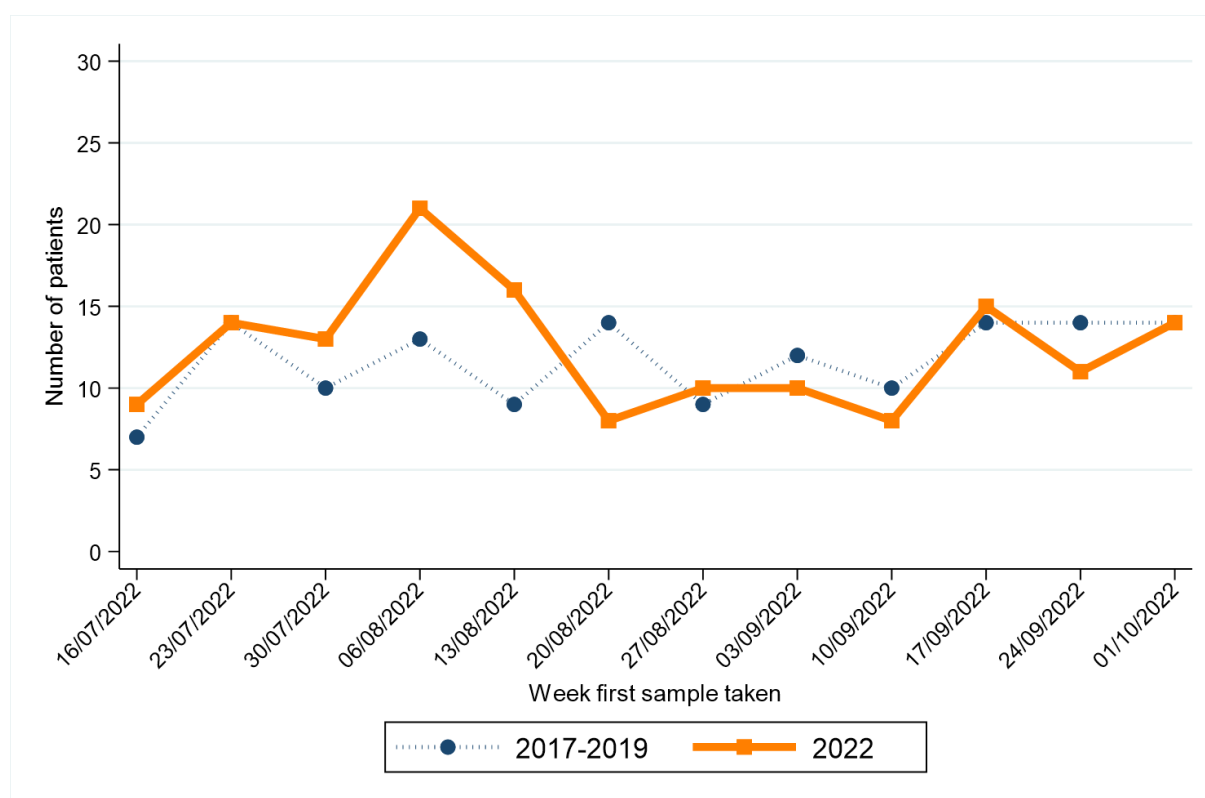
Cancer type	Number of patients (March 2020 to September 2022)	
	Expected number*	Recorded number
Lymphoma	1,215	1,323
Myeloma	239	197
Leukaemia	140	146
Other haematological cancer	24	28

\* 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 01/10/2022 compared to expected number based on 2017-2019 average**

**+6.4%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

\* 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.

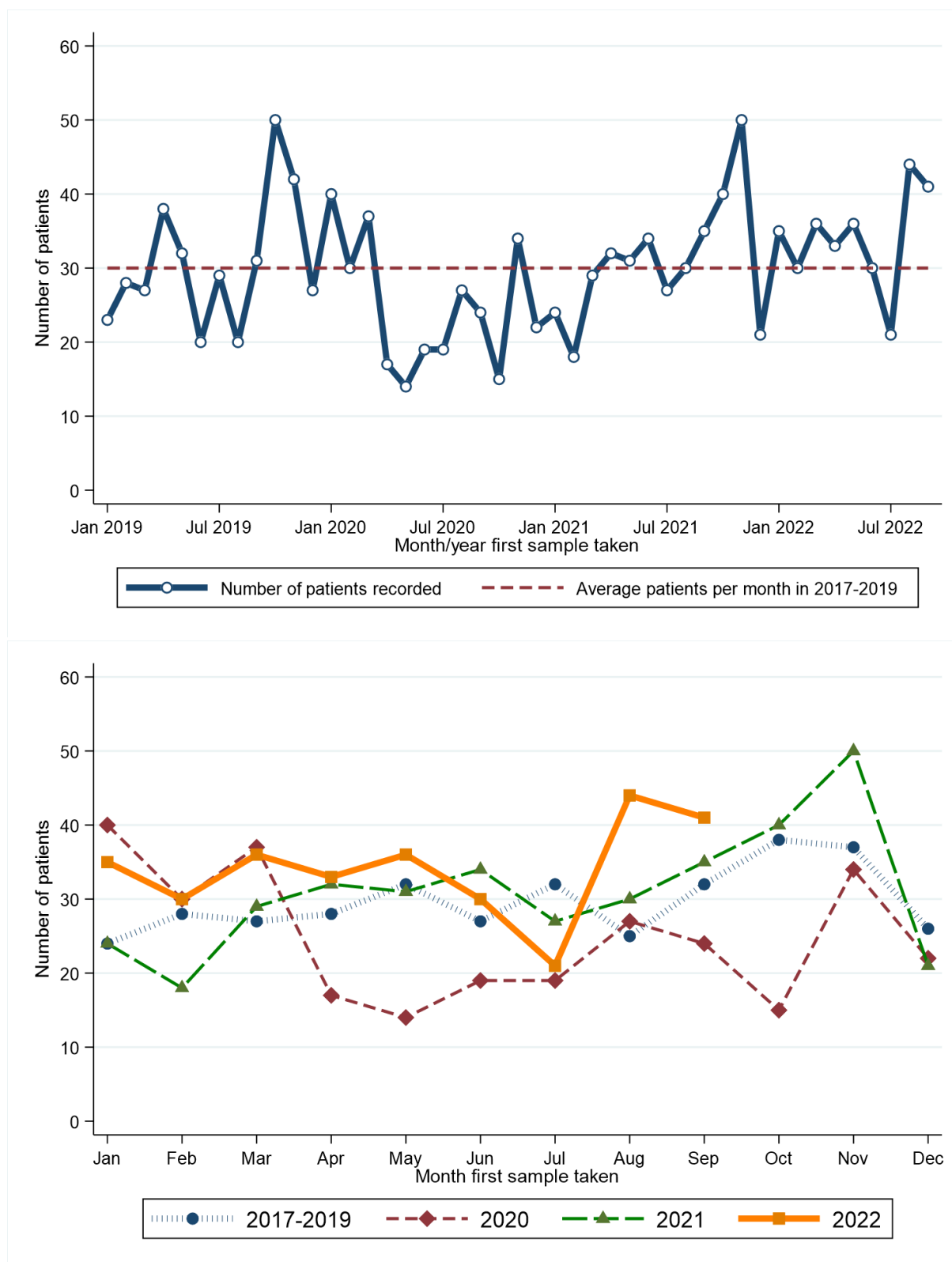


# MELANOMA

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

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

**-1.1%**



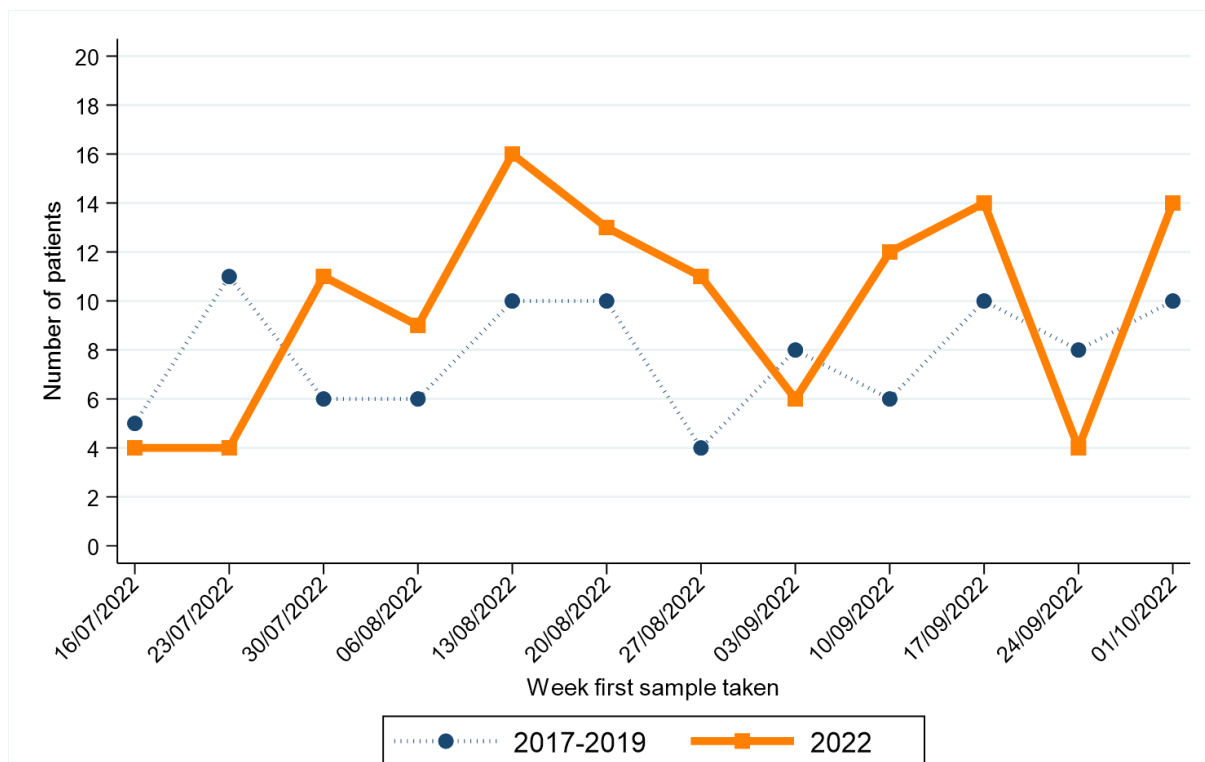
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	24	40	24	35	Jul	32	19	27	21
Feb	28	30	18	30	Aug	25	27	30	44
Mar	27	37	29	36	Sep	32	24	35	41
Apr	28	17	32	33	Oct	38	15	40	.
May	32	14	31	36	Nov	37	34	50	.
Jun	27	19	34	30	Dec	26	22	21	.

\* 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 01/10/2022 compared to expected number based on 2017-2019 average**

**+25.5%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

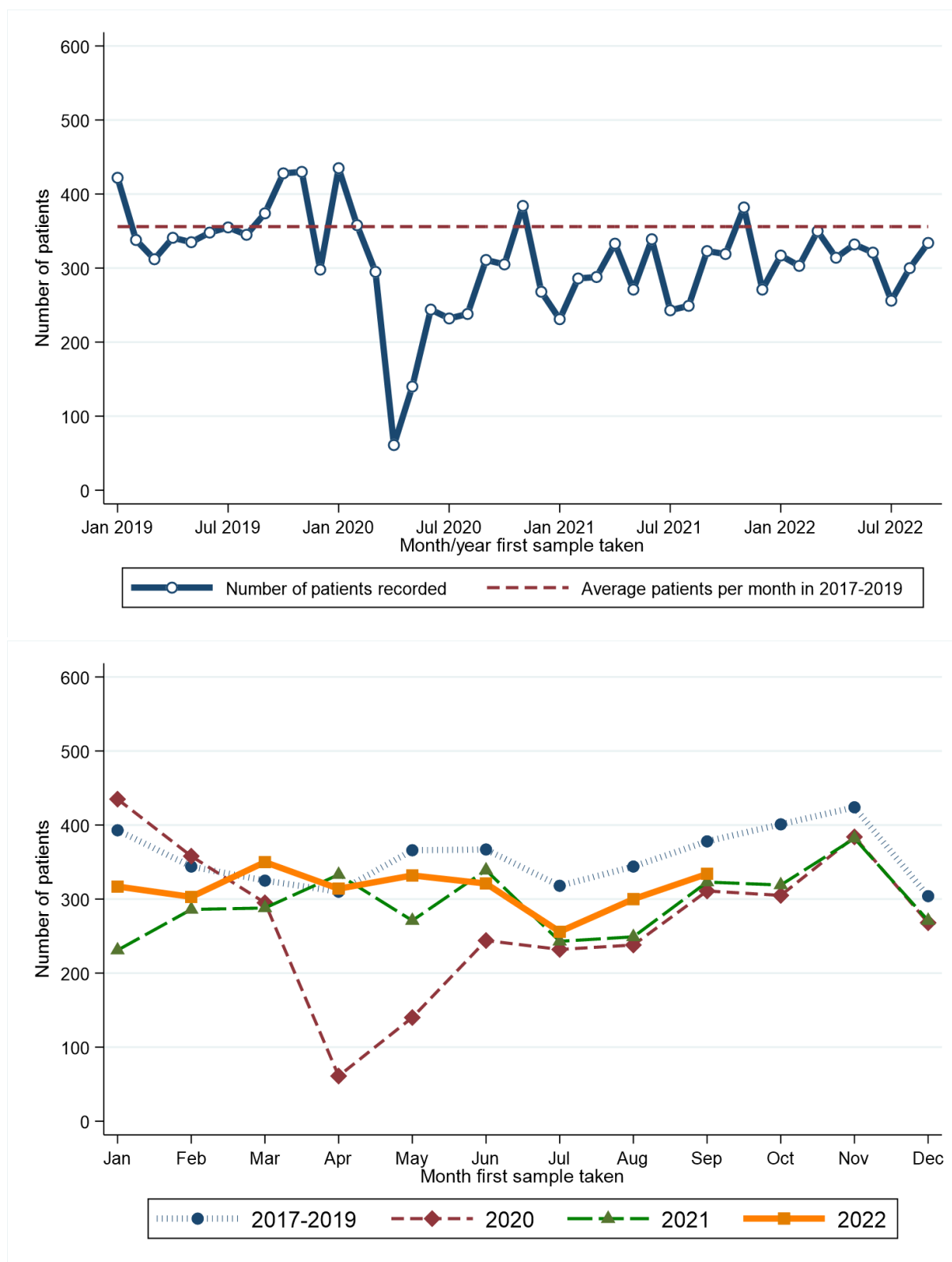
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# NON-MELANOMA SKIN CANCER

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

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

**-19.3%**



Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	393	435	231	317	Jul	318	232	243	256
Feb	344	358	286	303	Aug	344	238	249	300
Mar	325	295	288	350	Sep	378	311	323	334
Apr	310	61	333	314	Oct	401	305	319	.
May	366	140	271	332	Nov	424	384	382	.
Jun	367	244	339	321	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 01/10/2022 compared to expected number based on 2017-2019 average**

**-11.6%**



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
16/07/2022	163	123	27/08/2022	137	173
23/07/2022	179	144	03/09/2022	182	173
30/07/2022	149	177	10/09/2022	162	182
06/08/2022	176	184	17/09/2022	179	197
13/08/2022	163	199	24/09/2022	176	177
20/08/2022	157	173	01/10/2022	183	181

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

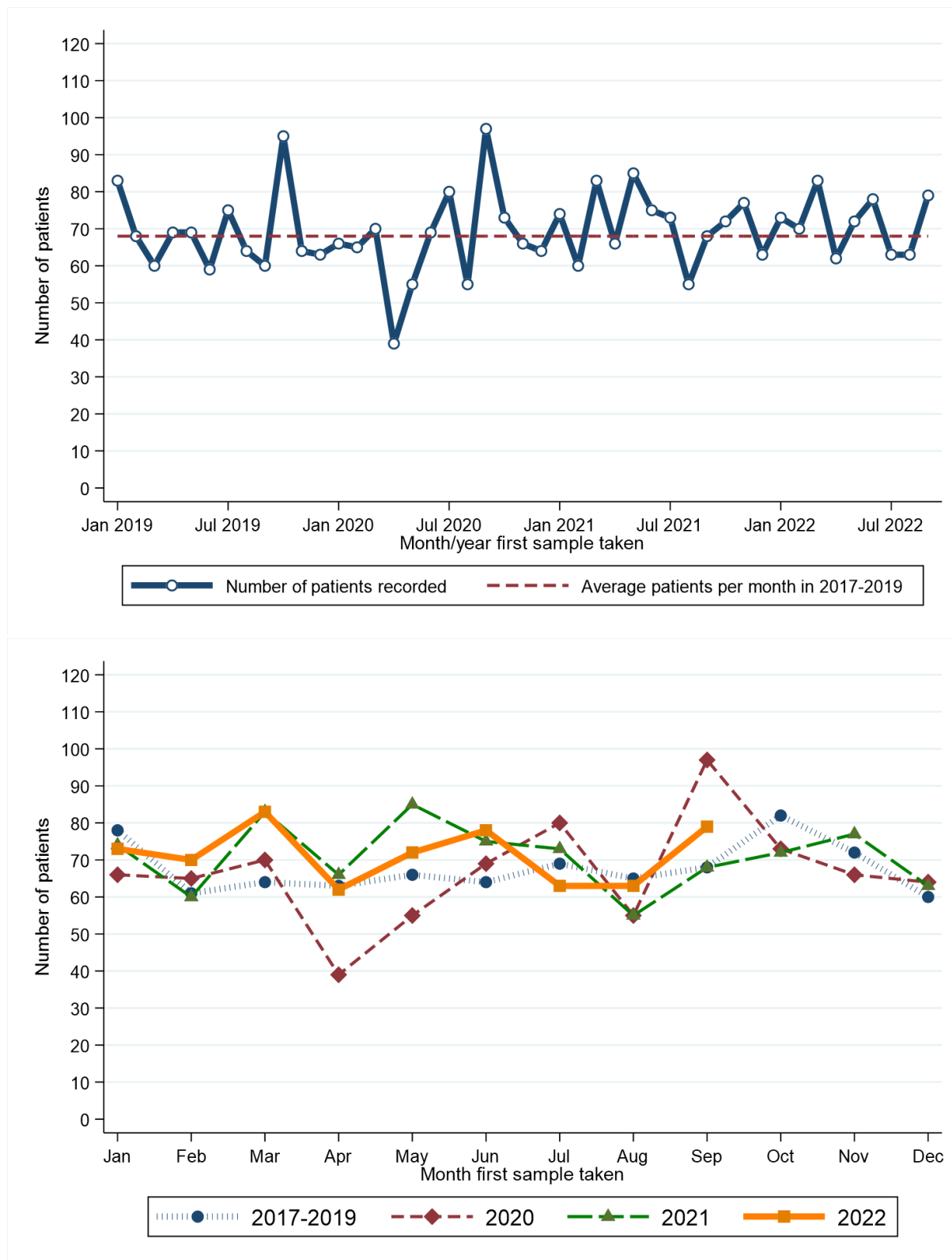
\*\* Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sat-Sun week in those years.

# OTHER CANCER

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

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

**+3.8%**



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	78	66	74	73
Feb	61	65	60	70
Mar	64	70	83	83
Apr	63	39	66	62
May	66	55	85	72
Jun	64	69	75	78

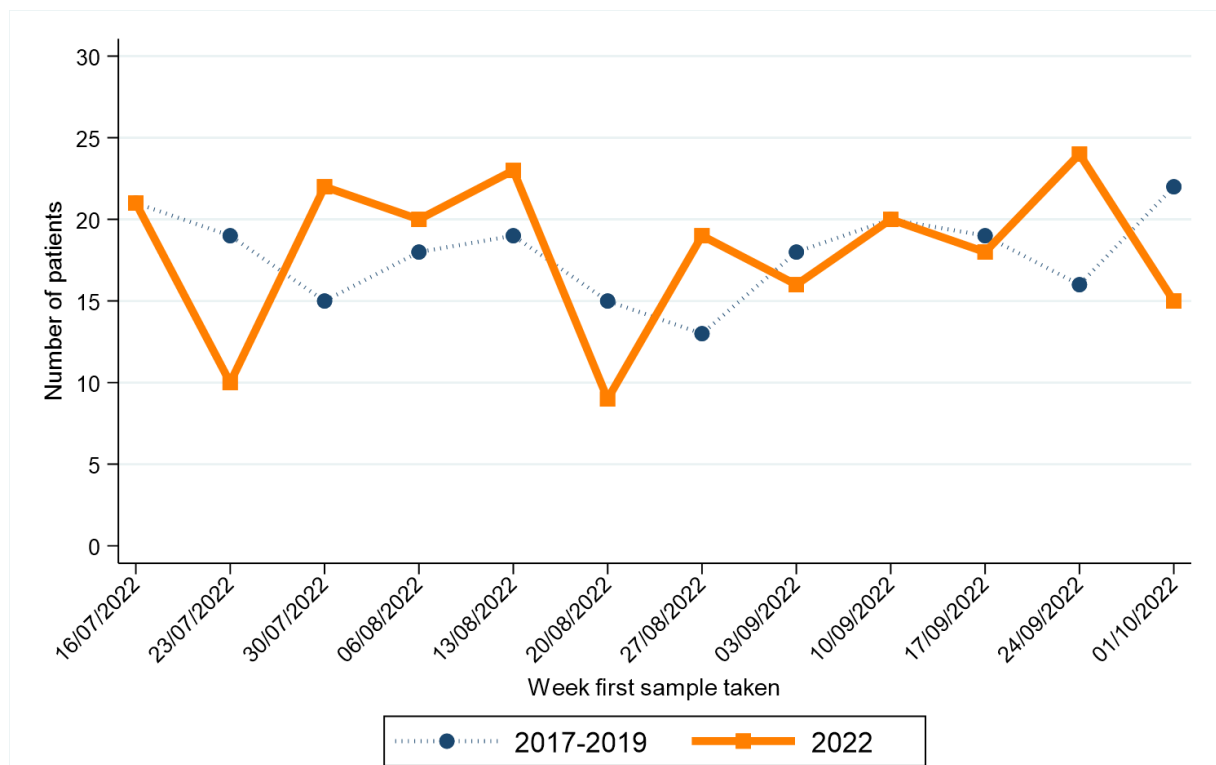
\* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	69	80	73	63
Aug	65	55	55	63
Sep	68	97	68	79
Oct	82	73	72	.
Nov	72	66	77	.
Dec	60	64	63	.

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

**Percentage change in the twelve weeks up to 01/10/2022 compared to expected number based on 2017-2019 average**

**+0.9%**



Week first sample taken**	2017-2019*	2022
16/07/2022	163	123
23/07/2022	179	144
30/07/2022	149	177
06/08/2022	176	184
13/08/2022	163	199
20/08/2022	157	173

Week first sample taken**	2017-2019*	2022
27/08/2022	137	173
03/09/2022	182	173
10/09/2022	162	182
17/09/2022	179	197
24/09/2022	176	177
01/10/2022	183	181

\* 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 September 2022. Due to potential reporting delays, pathology data from the month following September 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.