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

December 2022 update

Further information

Further information is available at: www.qub.ac.uk/research-centres/nicr

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SUMMARY

Recent trends in the number of patients with pathology samples indicating cancer: December 2022

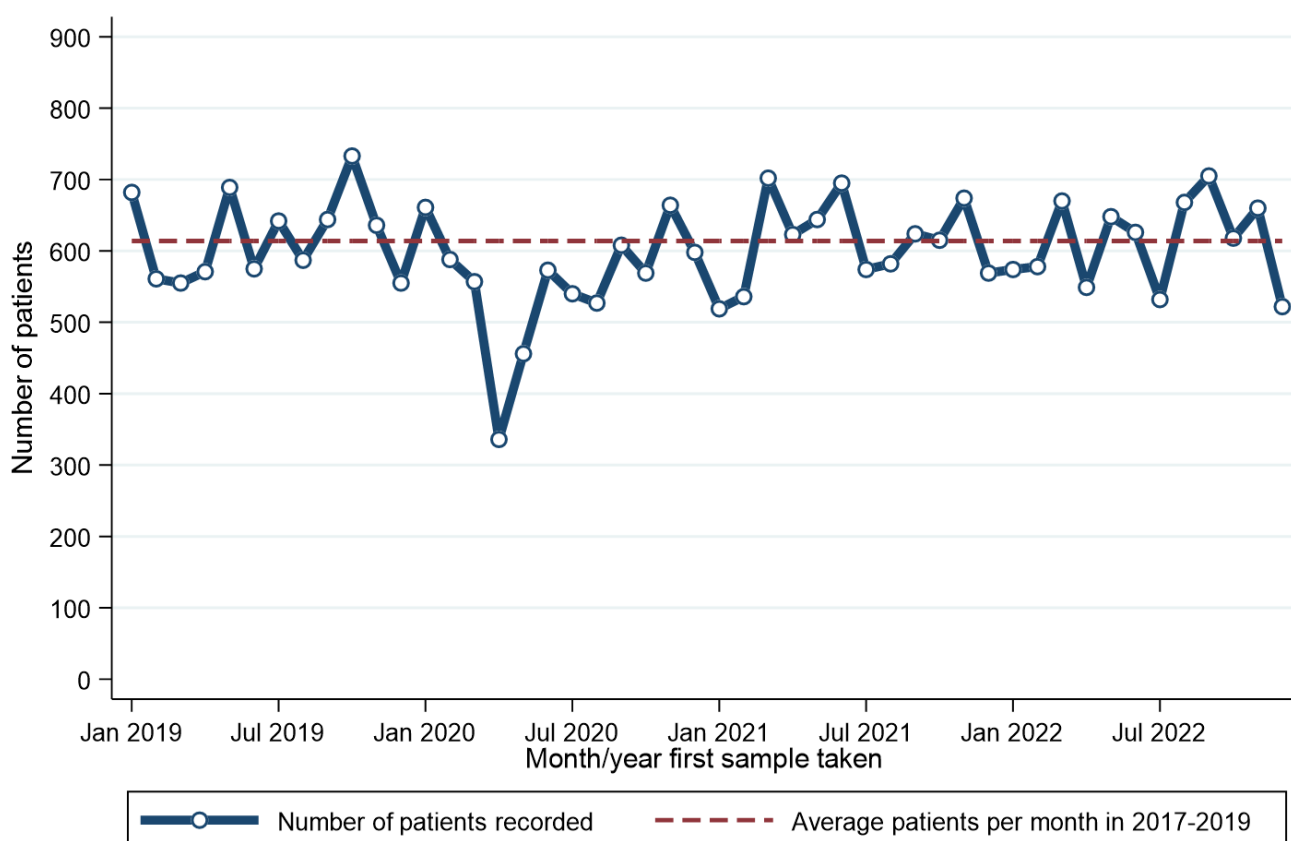
This summary provides an overview of recent trends in the number of patients with pathology samples indicating cancer (excluding non-melanoma skin cancer, NMSC) whose first sample was taken from January 2020 to December 2022 in Northern Ireland.

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.

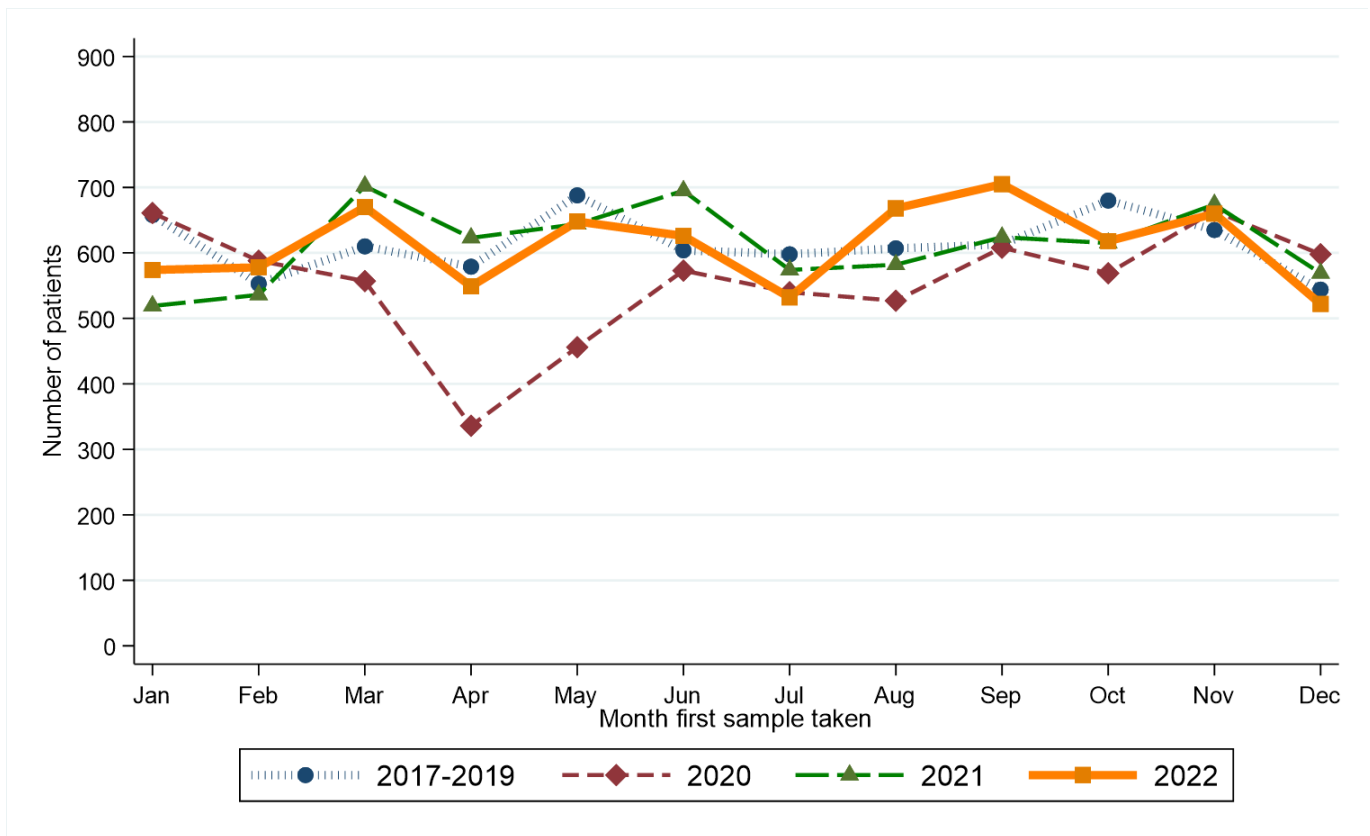
Data are sourced from the four NHS pathology laboratories in NI (Belfast, Altnagelvin, Antrim, Craigavon), which are usually provided to NICR on a monthly basis. **Altnagelvin laboratory is excluded from some analysis as a change in recording systems led to an undercount in the number of reported samples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

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

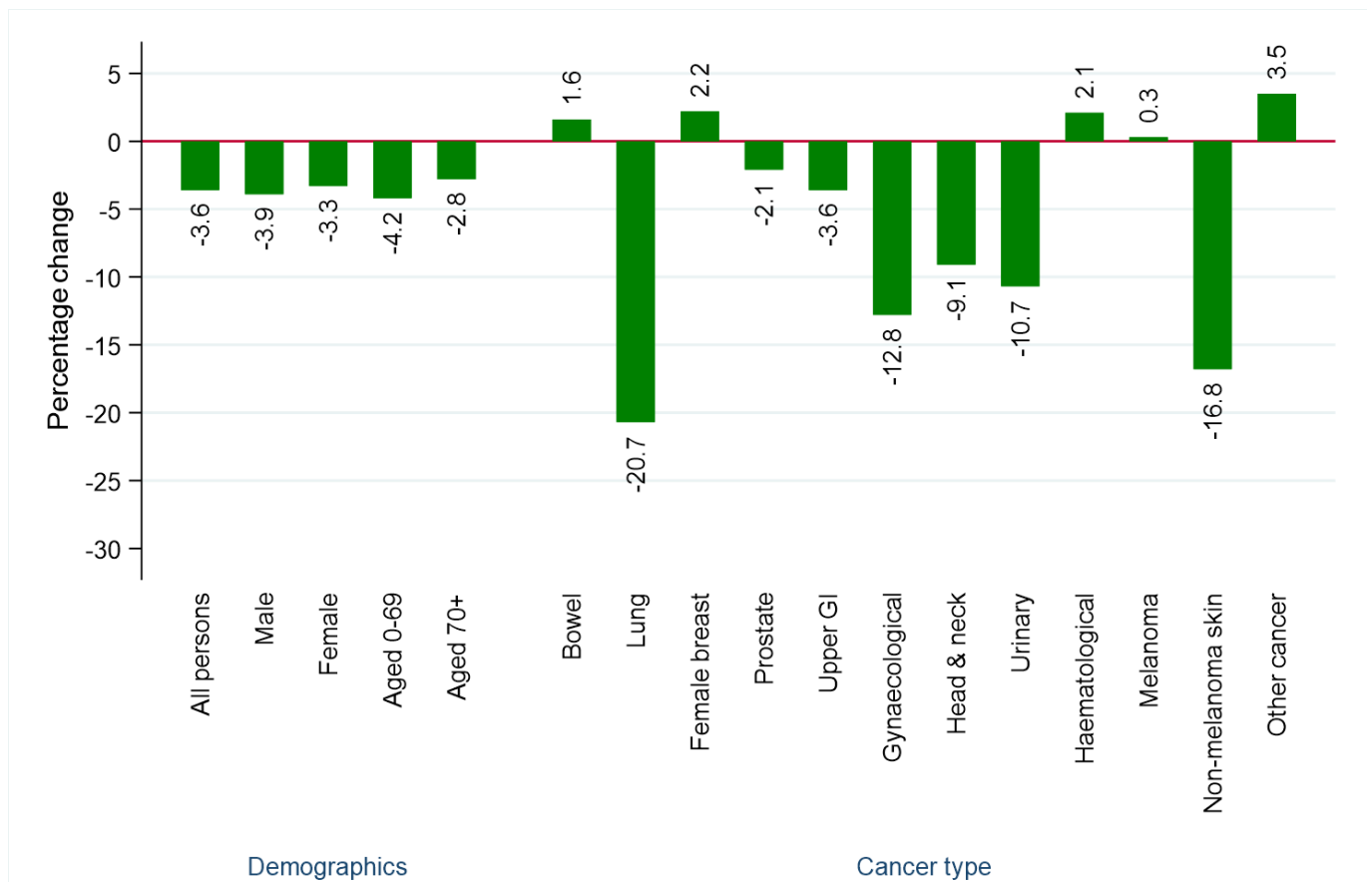
From March 2020 to December 2022 the number of patients with a pathological sample indicating cancer (ex NMSC) was 3.6% lower than the average number for the same time period in 2017-2019.



From March 2020 to December 2022 there was a 3.9% decrease among males and a 3.3% decrease among females compared to the same time period in 2017-2019. A decrease of 4.2% occurred in the number of patients aged 0-69 years, while there was a decrease of 2.8% among those aged 70 and older.

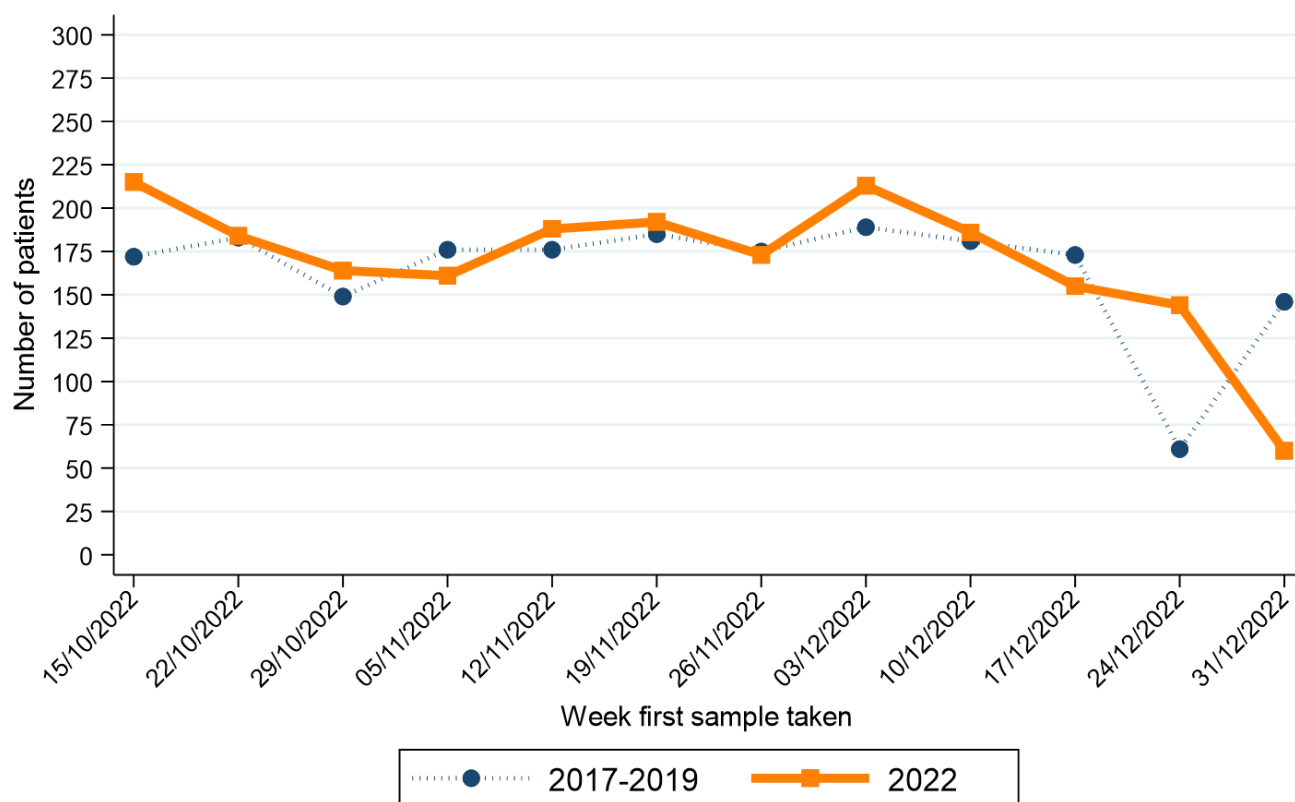


Compared to the annual average in 2017-2019, from March 2020 to December 2022 the number of patients with a pathology sample indicating lung cancer decreased by 20.7%. Increases were recorded for bowel cancer, female breast cancer, haematological cancer and melanoma, while decreases of more than 10% were recorded for gynaecological cancer, urinary cancer and non-melanoma skin cancer.

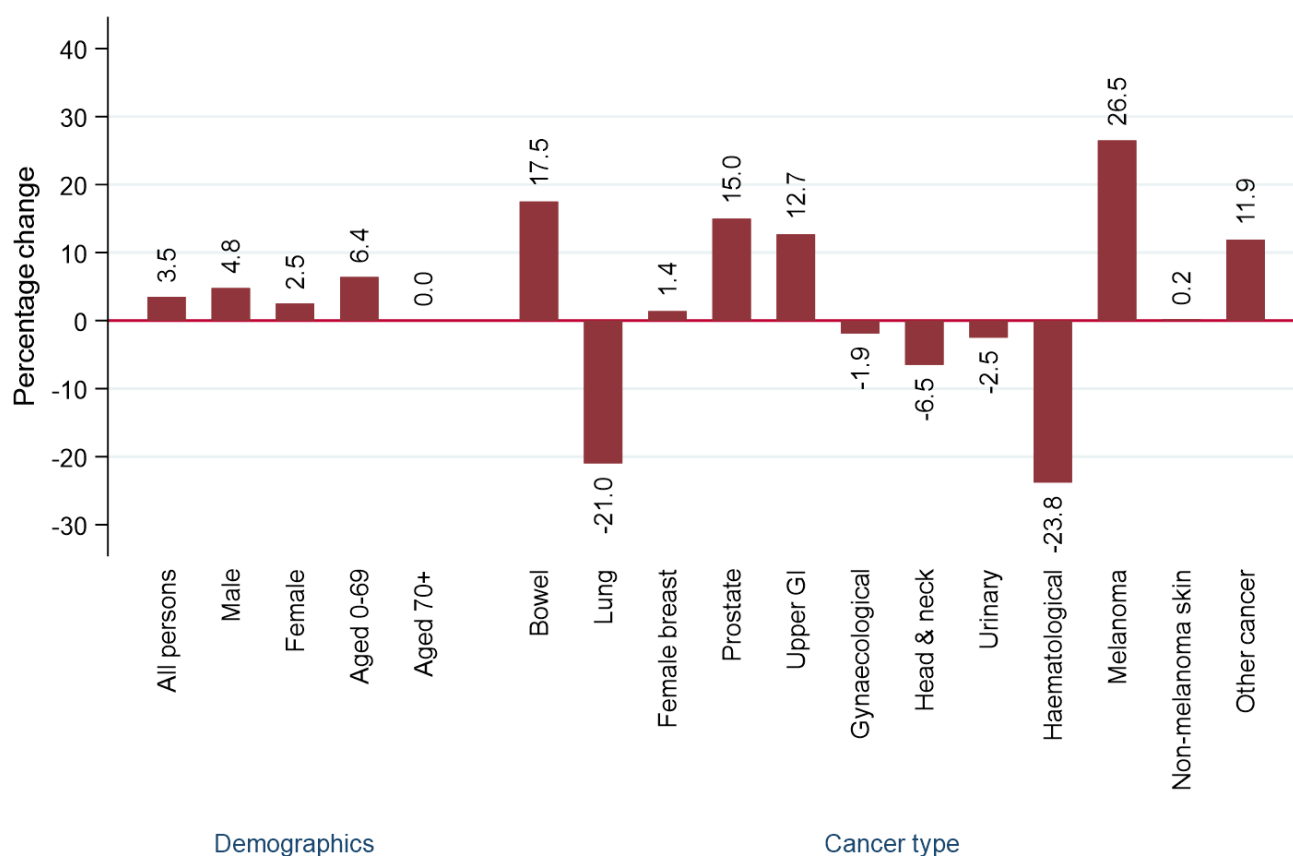


RECENT CHANGES IN THE NUMBER OF PATIENTS (Includes Altnagelvin)

There was a 3.5% increase in the number of patients with a pathology sample indicating cancer in the twelve weeks up to 31/12/2022 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 Sun-Sat week in those years



In the twelve weeks up to 31/12/2022 there was a 4.8% increase among males and a 2.5% increase among females compared to the same time period in 2017-2019. An increase of 6.4% occurred in the number of patients aged 0-69 years, while there was no change among those aged 70 and older.

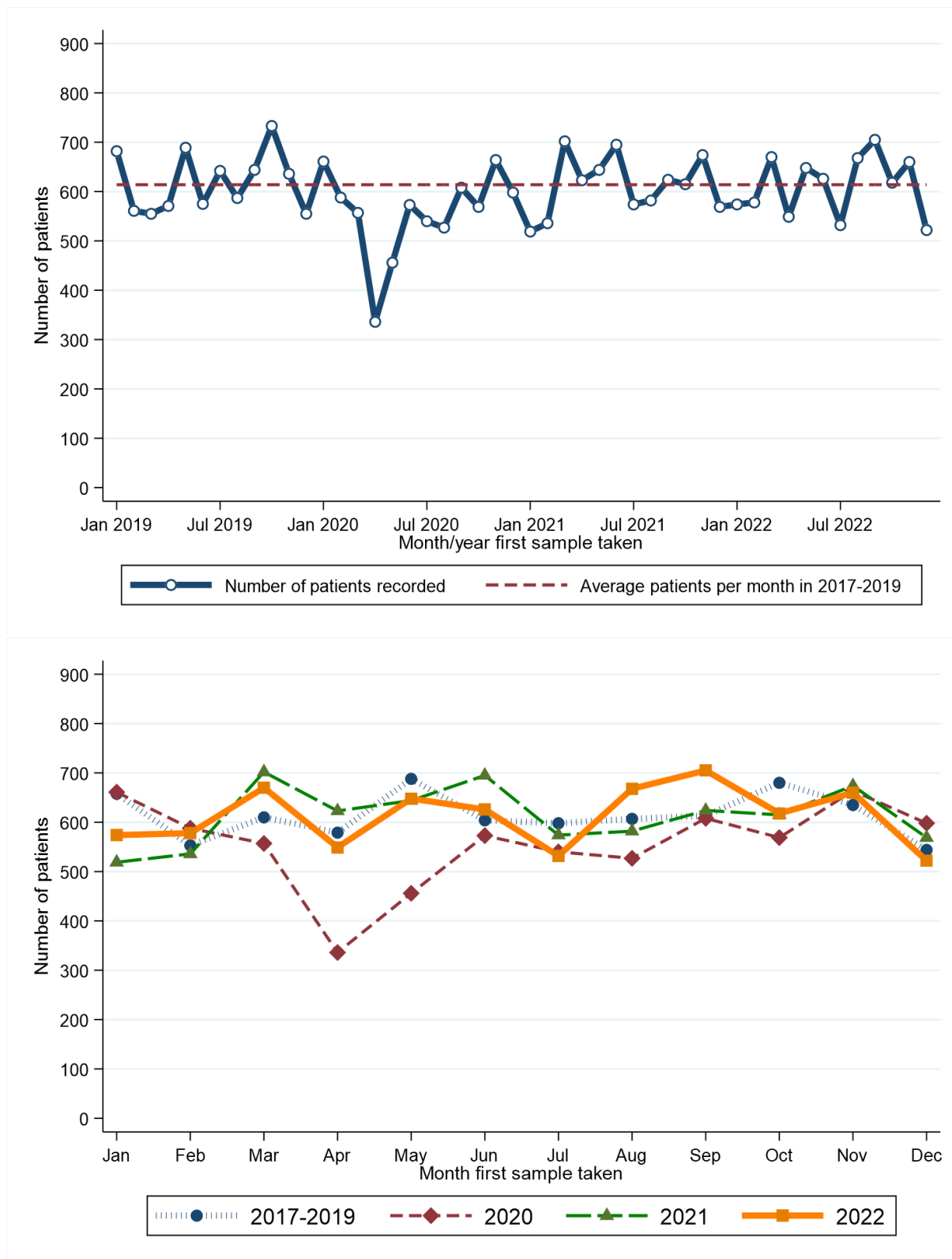
Compared to the annual average in 2017-2019, in the twelve weeks up to 31/12/2022 the number of patients with a pathology sample indicating lung cancer decreased by 21.0%. Increases were recorded for bowel cancer, female breast cancer, prostate cancer, upper gastrointestinal cancer, melanoma and non-melanoma skin cancer, while decreases of more than 10% were recorded for haematological cancer.

ALL PERSONS: CANCER (EX NMSC)

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-3.6%



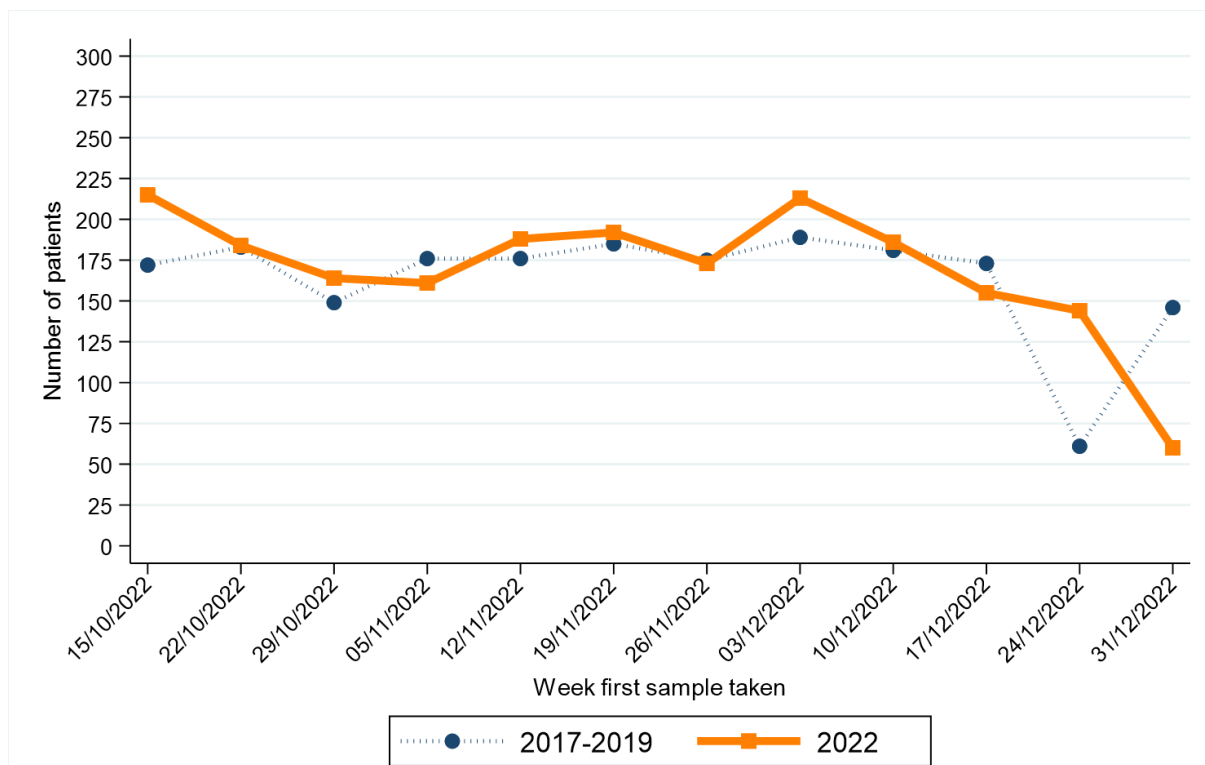
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	658	661	519	574	Jul	598	540	574	532
Feb	553	588	536	578	Aug	607	527	582	668
Mar	610	557	702	670	Sep	613	608	624	705
Apr	579	336	623	549	Oct	680	569	615	618
May	688	456	644	648	Nov	635	664	674	660
Jun	604	573	695	626	Dec	544	598	569	522

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+3.5%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

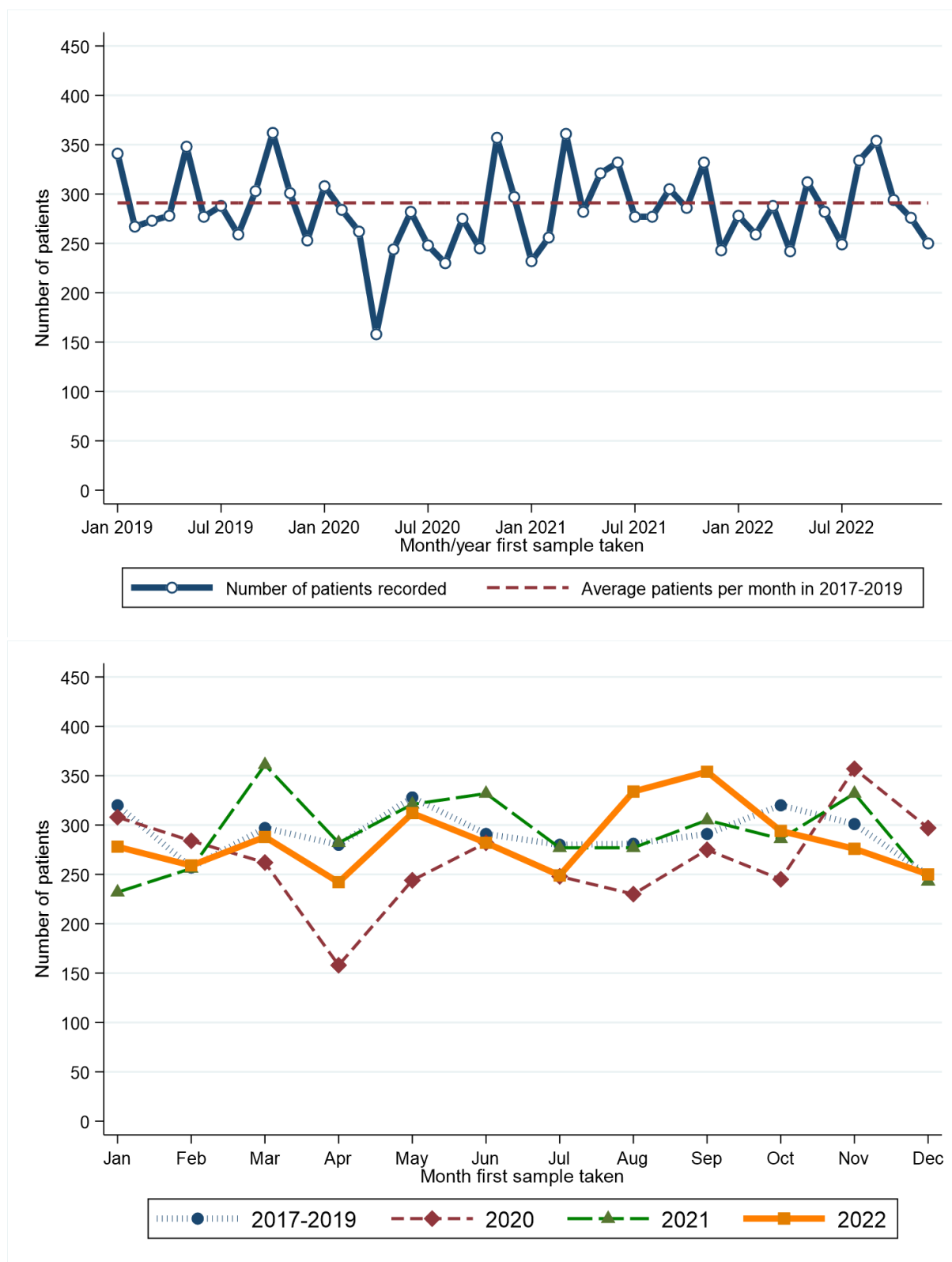
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

MALE: CANCER (EX NMSC)

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-3.9%



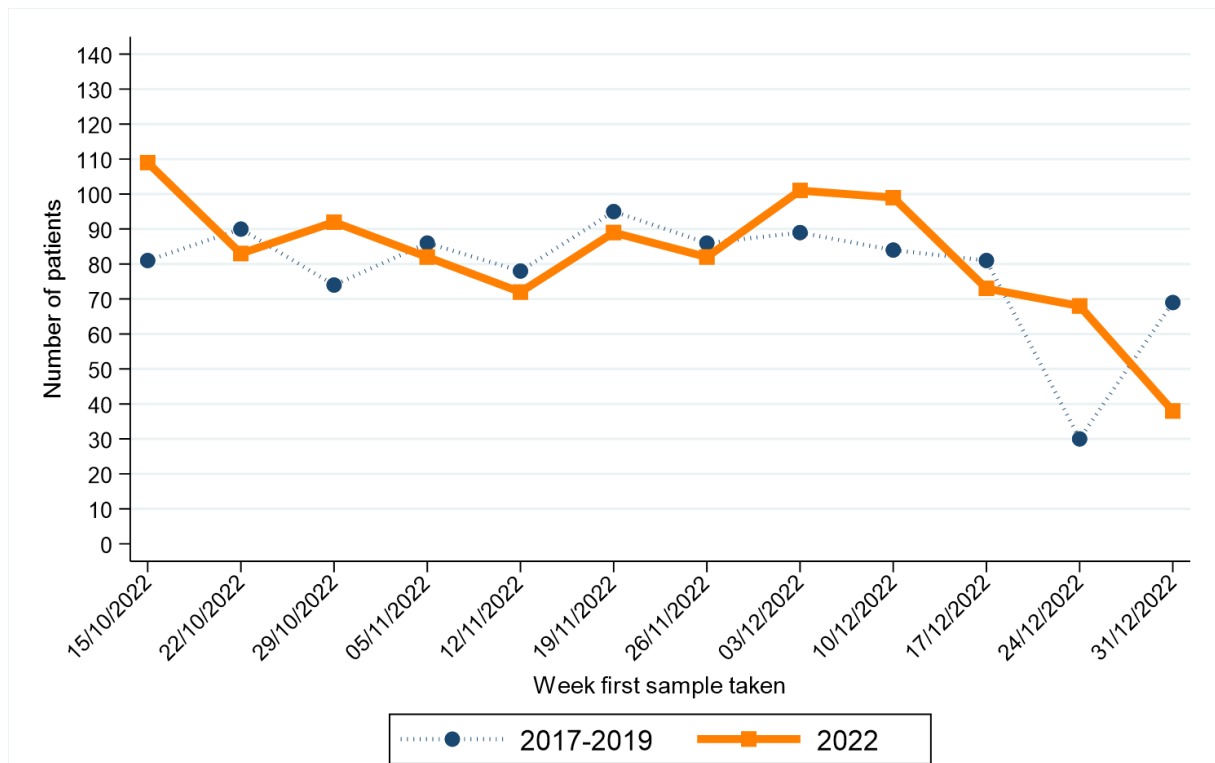
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	320	308	232	278	Jul	280	248	277	249
Feb	257	284	256	259	Aug	281	230	277	334
Mar	297	262	361	288	Sep	291	275	305	354
Apr	280	158	282	242	Oct	320	245	286	294
May	328	244	321	312	Nov	301	357	332	276
Jun	291	282	332	282	Dec	249	297	243	250

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+4.8%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

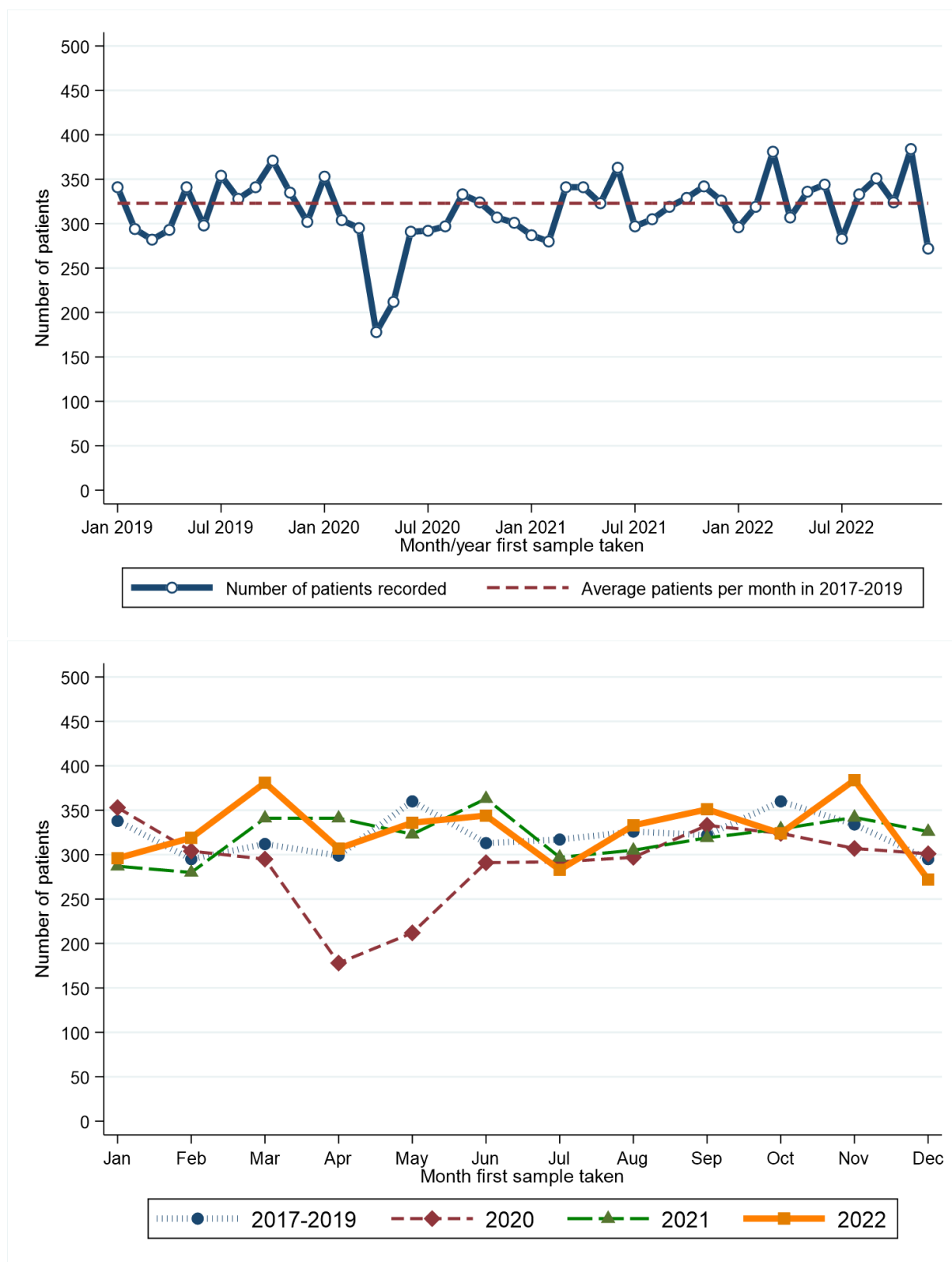
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

FEMALE: CANCER (EX NMSC)

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-3.3%



Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	338	353	287	296	Jul	317	292	297	283
Feb	295	304	280	319	Aug	326	297	305	333
Mar	312	295	341	381	Sep	322	333	319	351
Apr	299	178	341	307	Oct	360	324	329	324
May	360	212	323	336	Nov	334	307	342	384
Jun	313	291	363	344	Dec	295	301	326	272

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+2.5%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

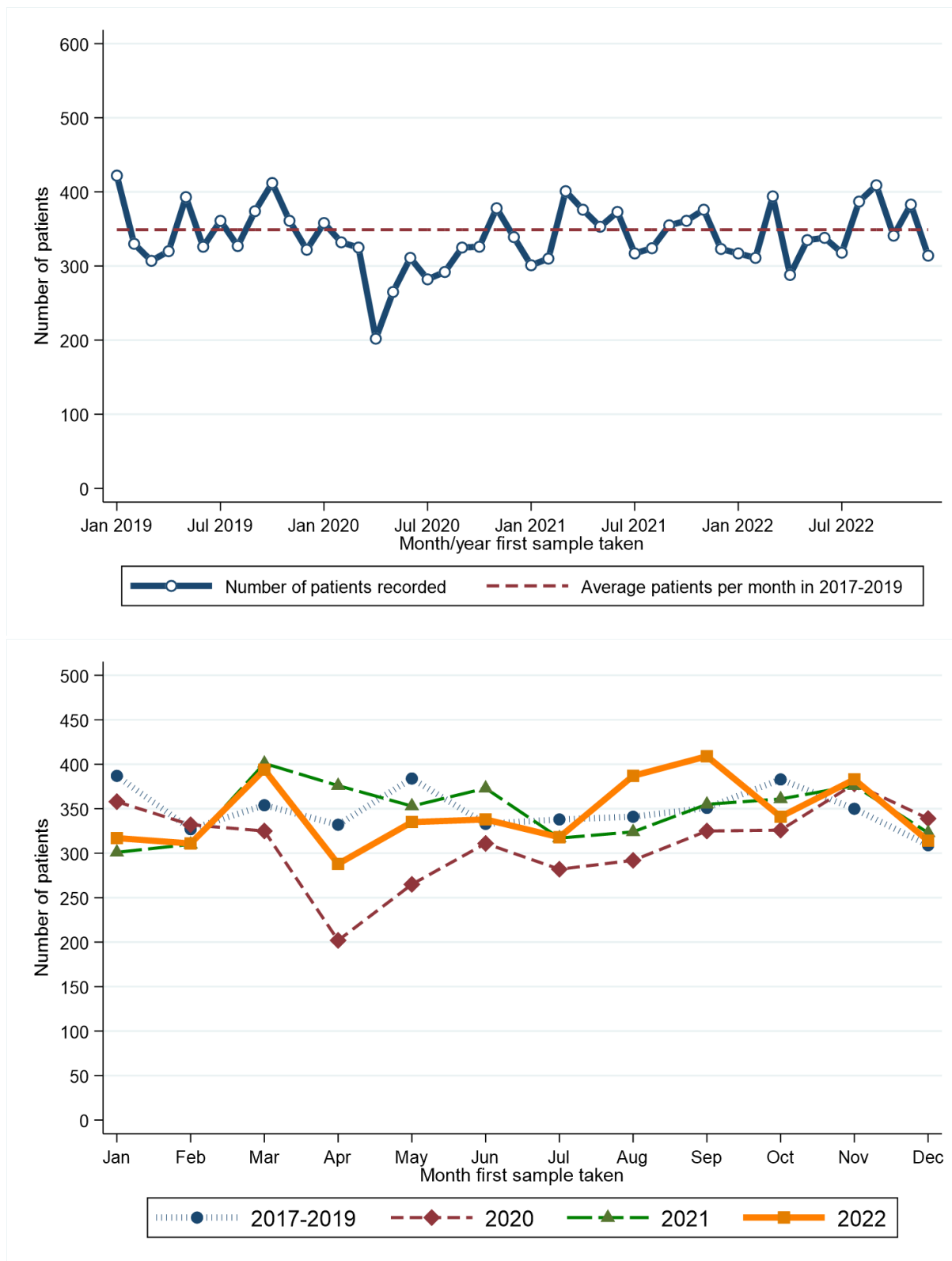
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

AGED 0-69: CANCER (EX NMSC)

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-4.2%



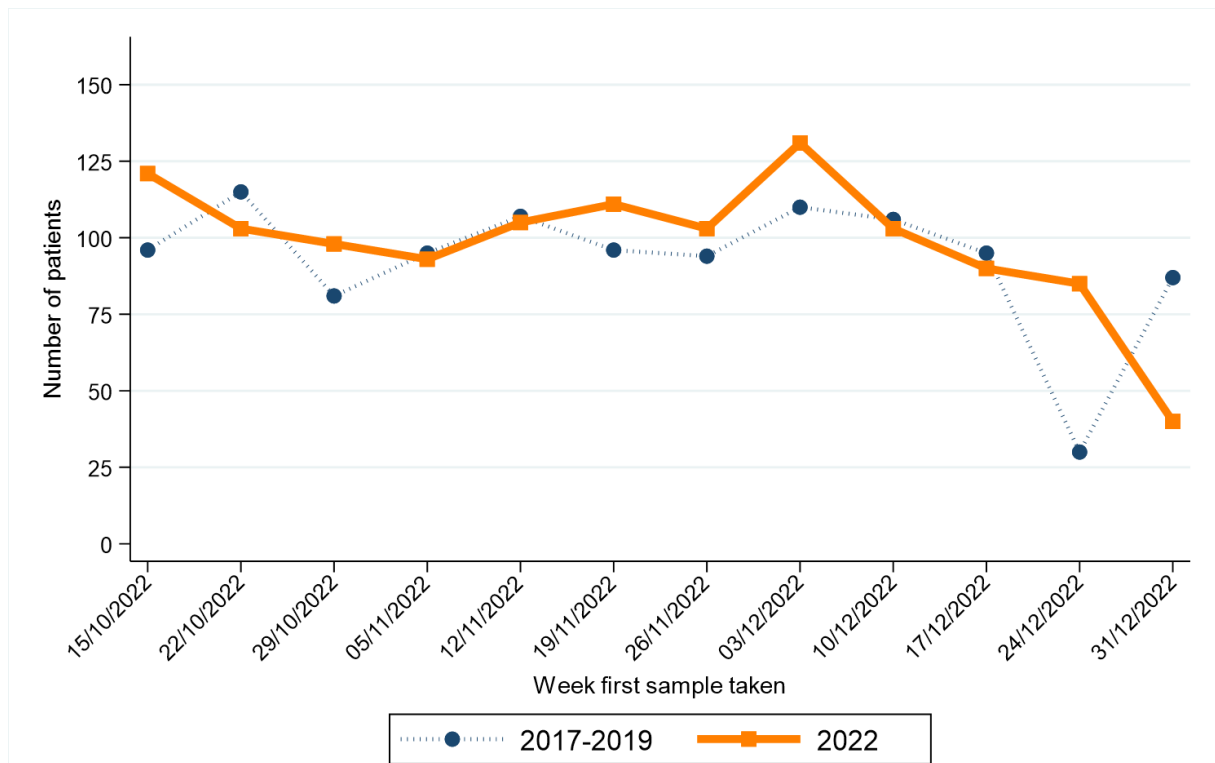
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	387	358	301	317	Jul	338	282	317	318
Feb	327	332	310	311	Aug	341	292	324	387
Mar	354	325	401	394	Sep	351	325	355	409
Apr	332	202	376	288	Oct	383	326	361	341
May	384	265	353	335	Nov	350	378	376	383
Jun	333	311	373	338	Dec	309	339	323	314

* 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 31/12/2022 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
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

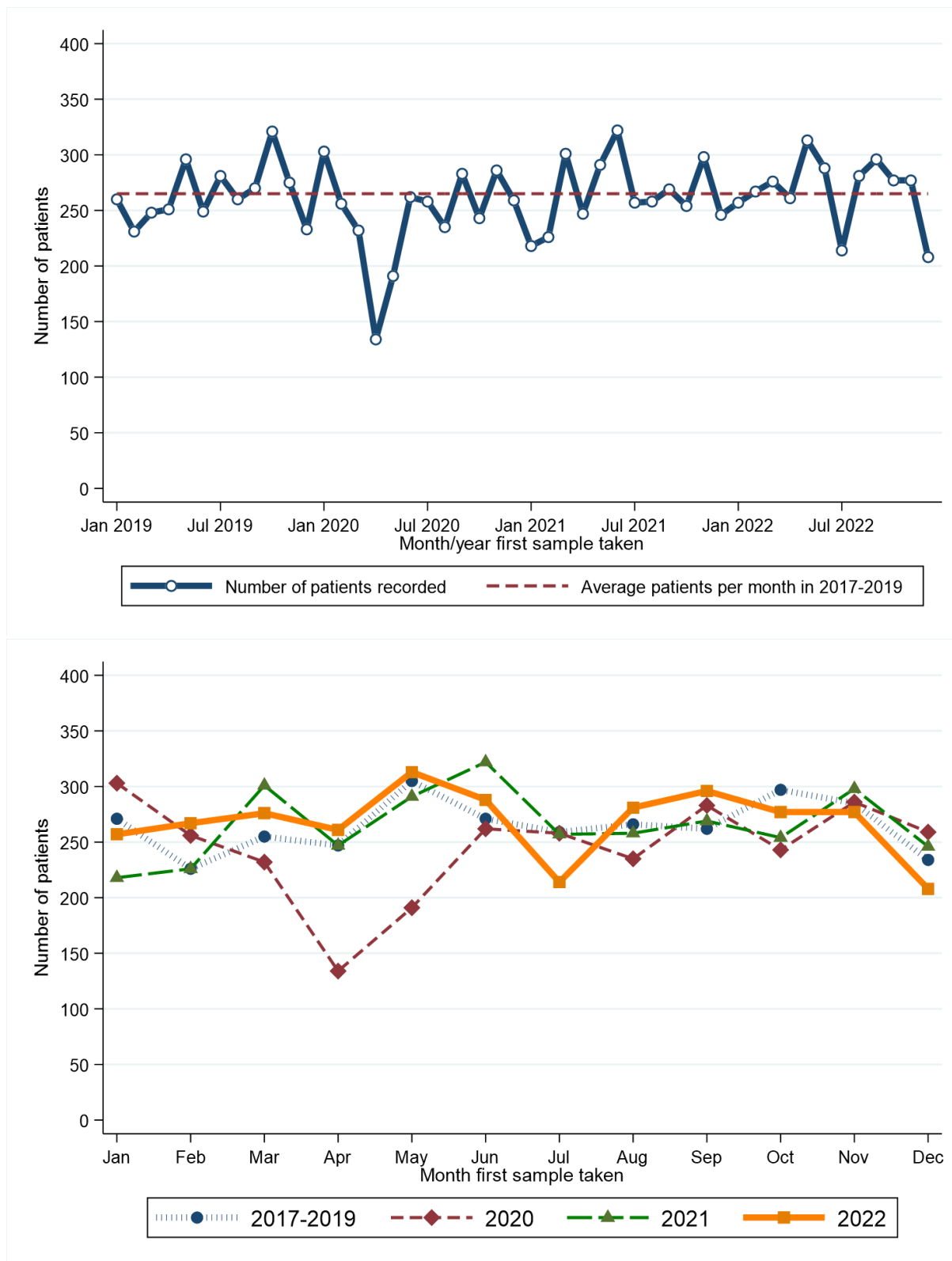
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

AGED 70+: CANCER (EX NMSC)

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-2.8%



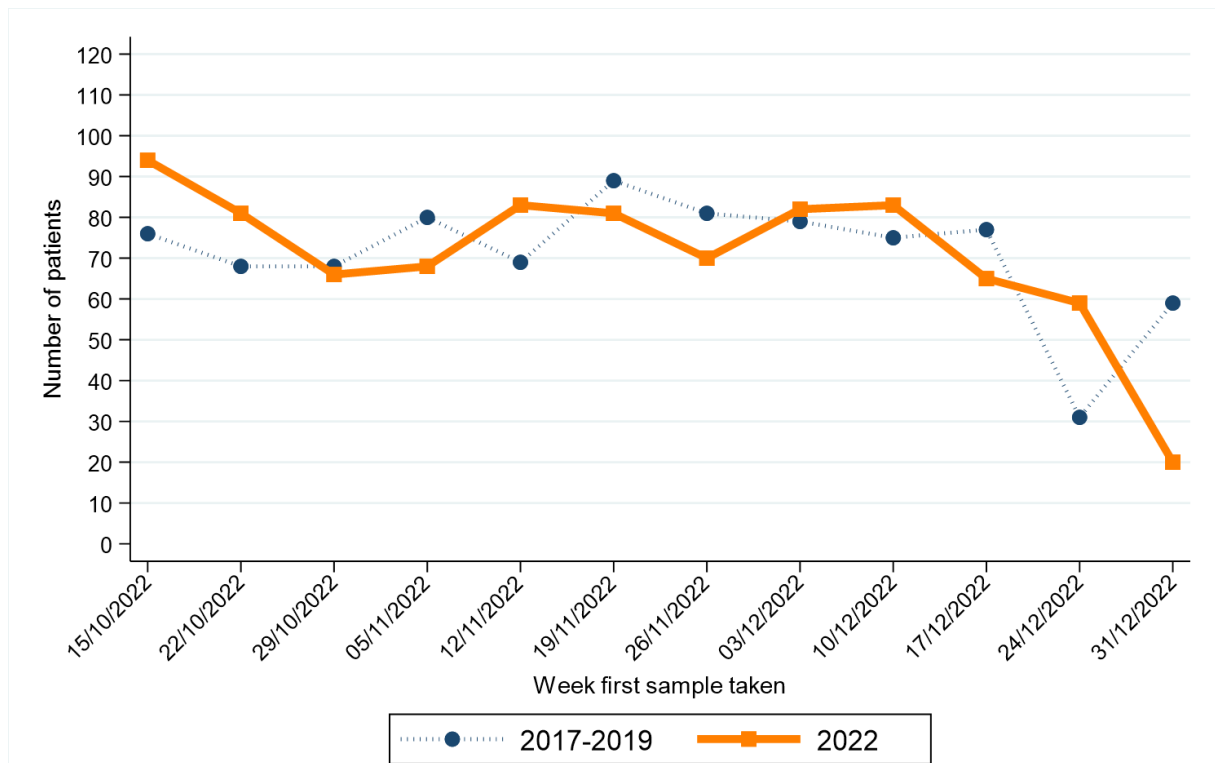
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	271	303	218	257	Jul	259	258	257	214
Feb	226	256	226	267	Aug	266	235	258	281
Mar	255	232	301	276	Sep	262	283	269	296
Apr	247	134	247	261	Oct	297	243	254	277
May	305	191	291	313	Nov	285	286	298	277
Jun	271	262	322	288	Dec	234	259	246	208

* 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 31/12/2022 compared to expected number based on 2017-2019 average

0.0%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

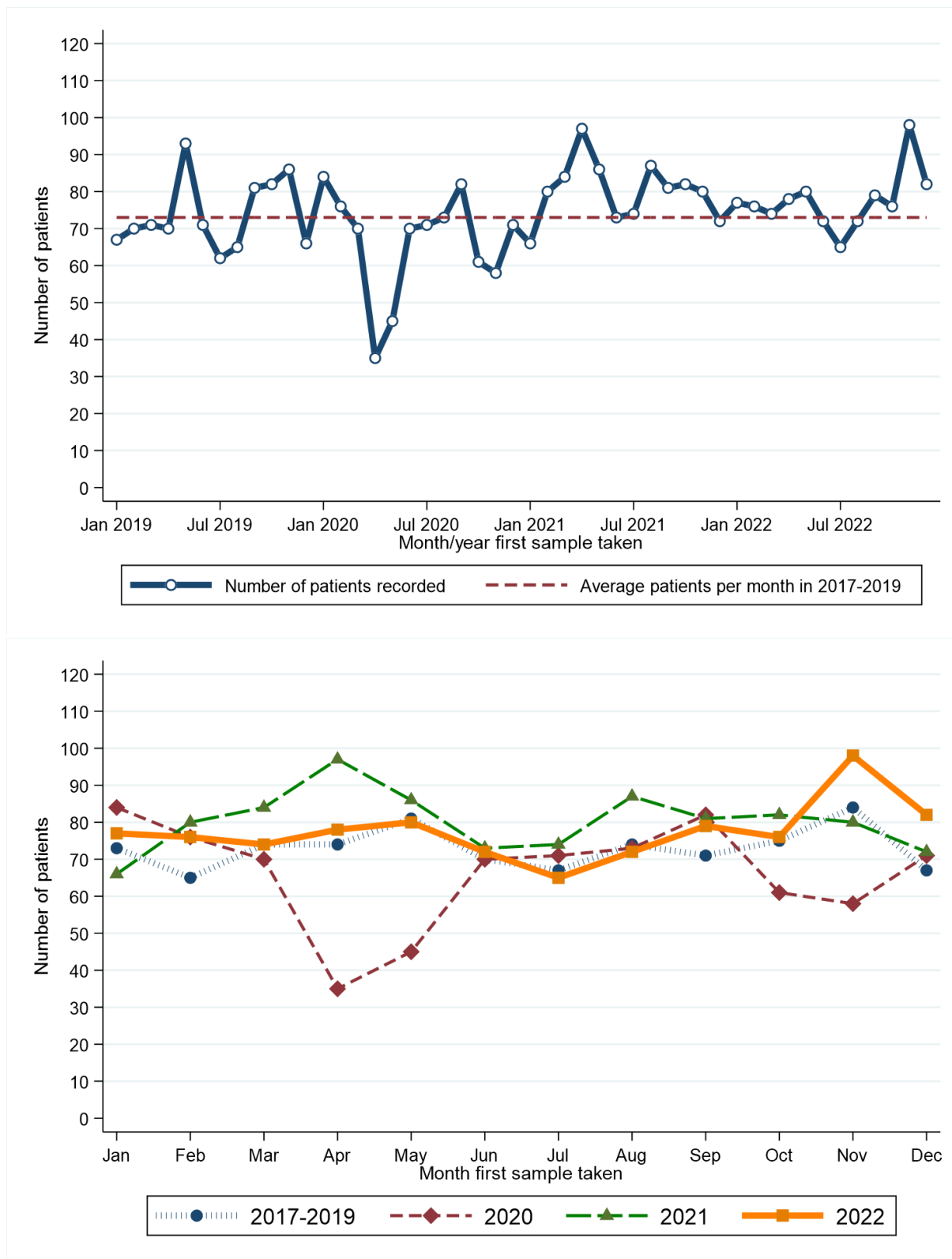
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

BOWEL CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

+1.6%



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	79
Oct	75	61	82	76
Nov	84	58	80	98
Dec	67	71	72	82

RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 31/12/2022 compared to expected number based on 2017-2019 average

+17.5%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

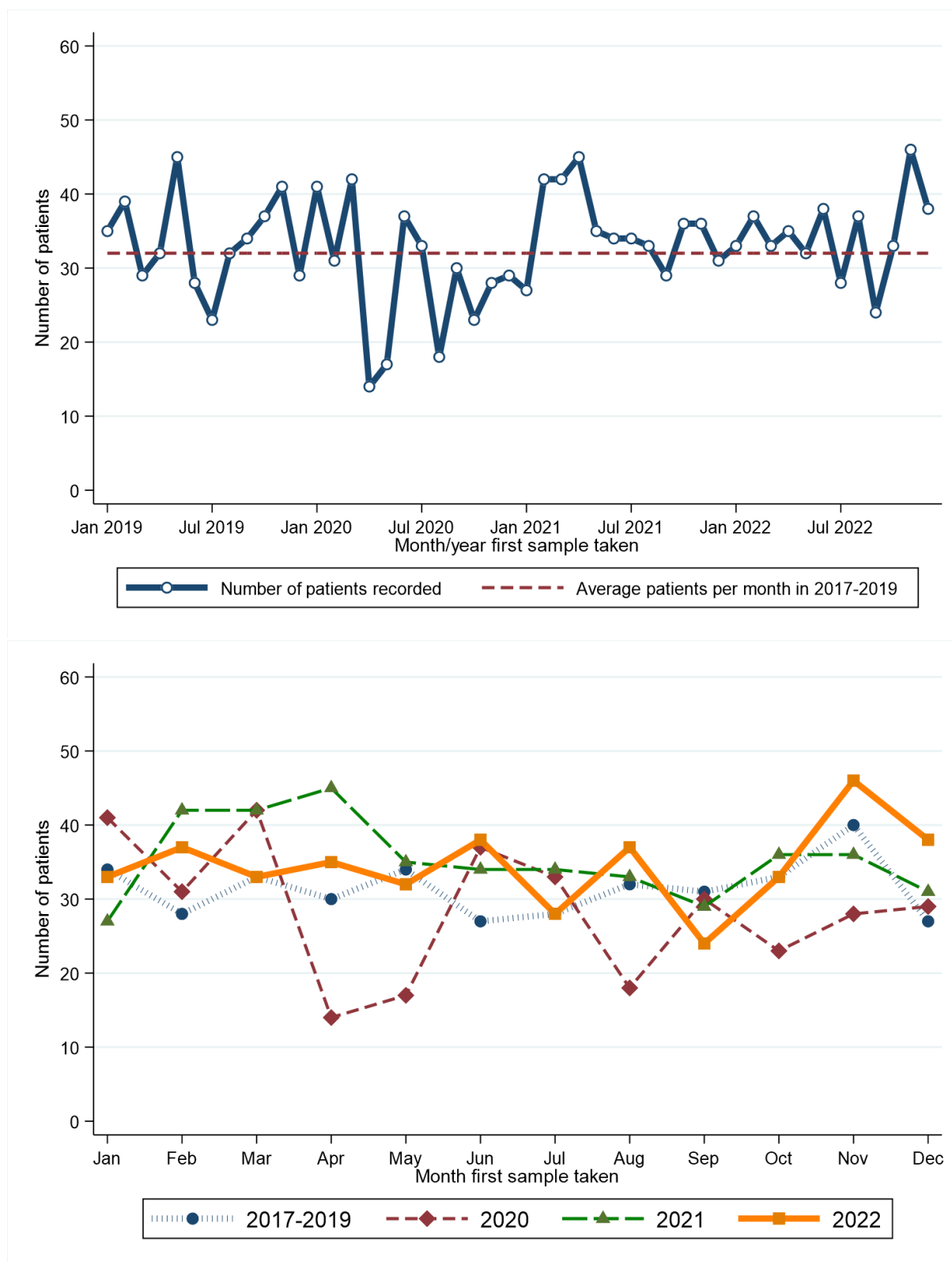
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

BOWEL CANCER (SCREENING AGE)

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

+3.7%



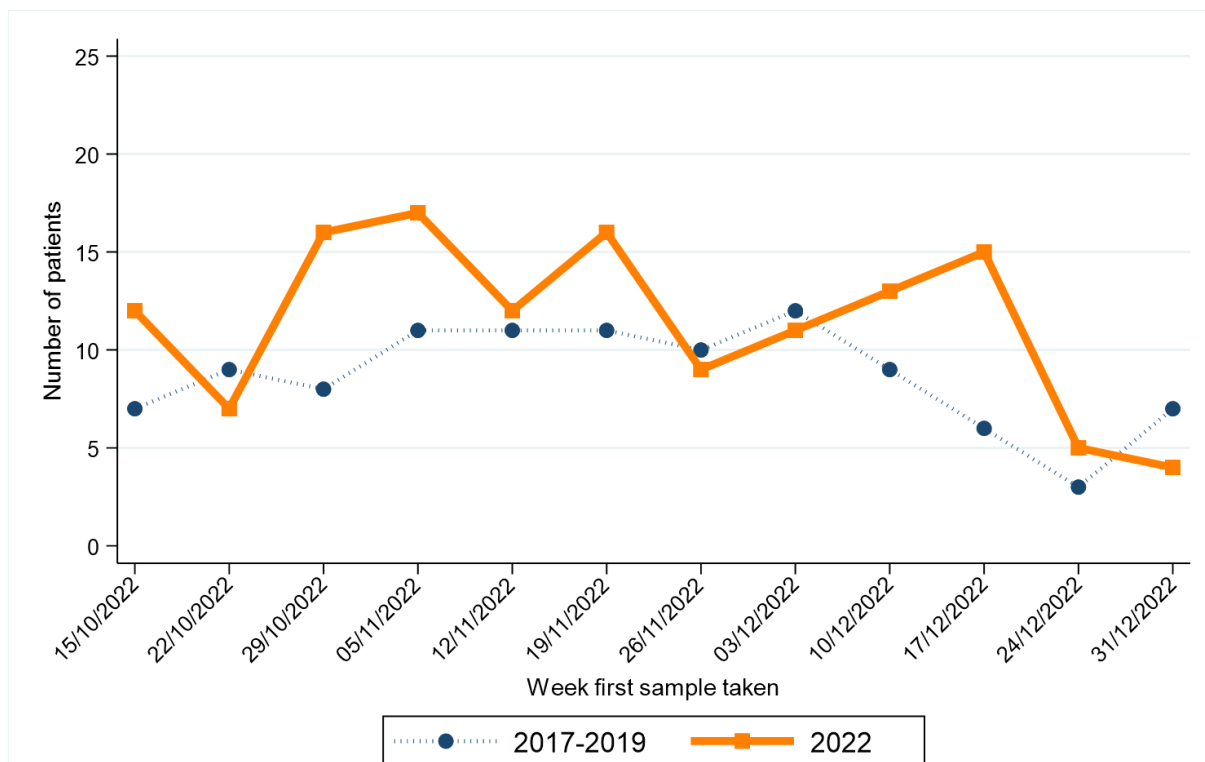
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	34	41	27	33	Jul	28	33	34	28
Feb	28	31	42	37	Aug	32	18	33	37
Mar	33	42	42	33	Sep	31	30	29	24
Apr	30	14	45	35	Oct	33	23	36	33
May	34	17	35	32	Nov	40	28	36	46
Jun	27	37	34	38	Dec	27	29	31	38

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+31.7%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

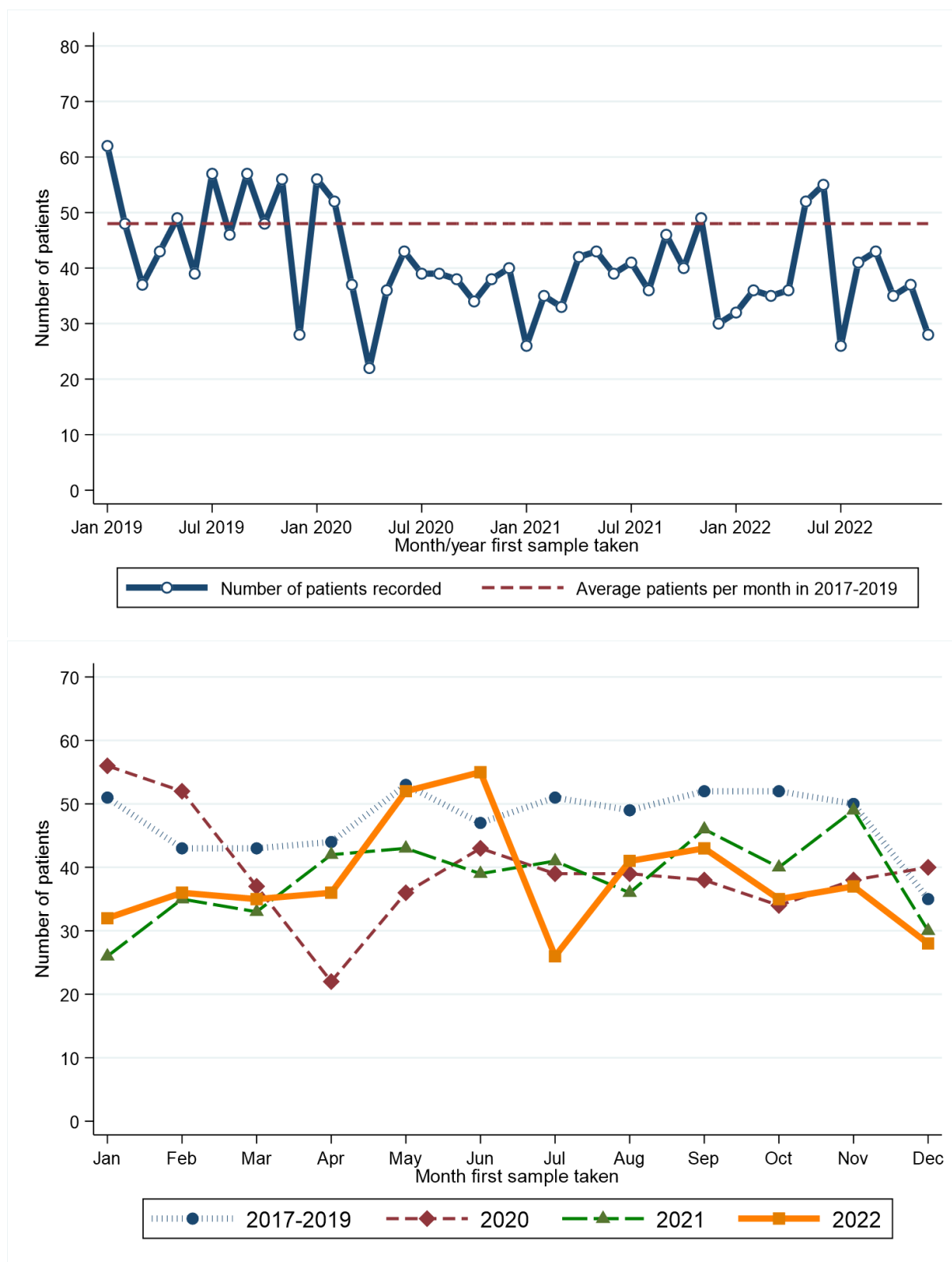
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

LUNG CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-20.7%



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	41
Mar	43	37	33	35	Sep	52	38	46	43
Apr	44	22	42	36	Oct	52	34	40	35
May	53	36	43	52	Nov	50	38	49	37
Jun	47	43	39	55	Dec	35	40	30	28

* 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 31/12/2022 compared to expected number based on 2017-2019 average

-21.0%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

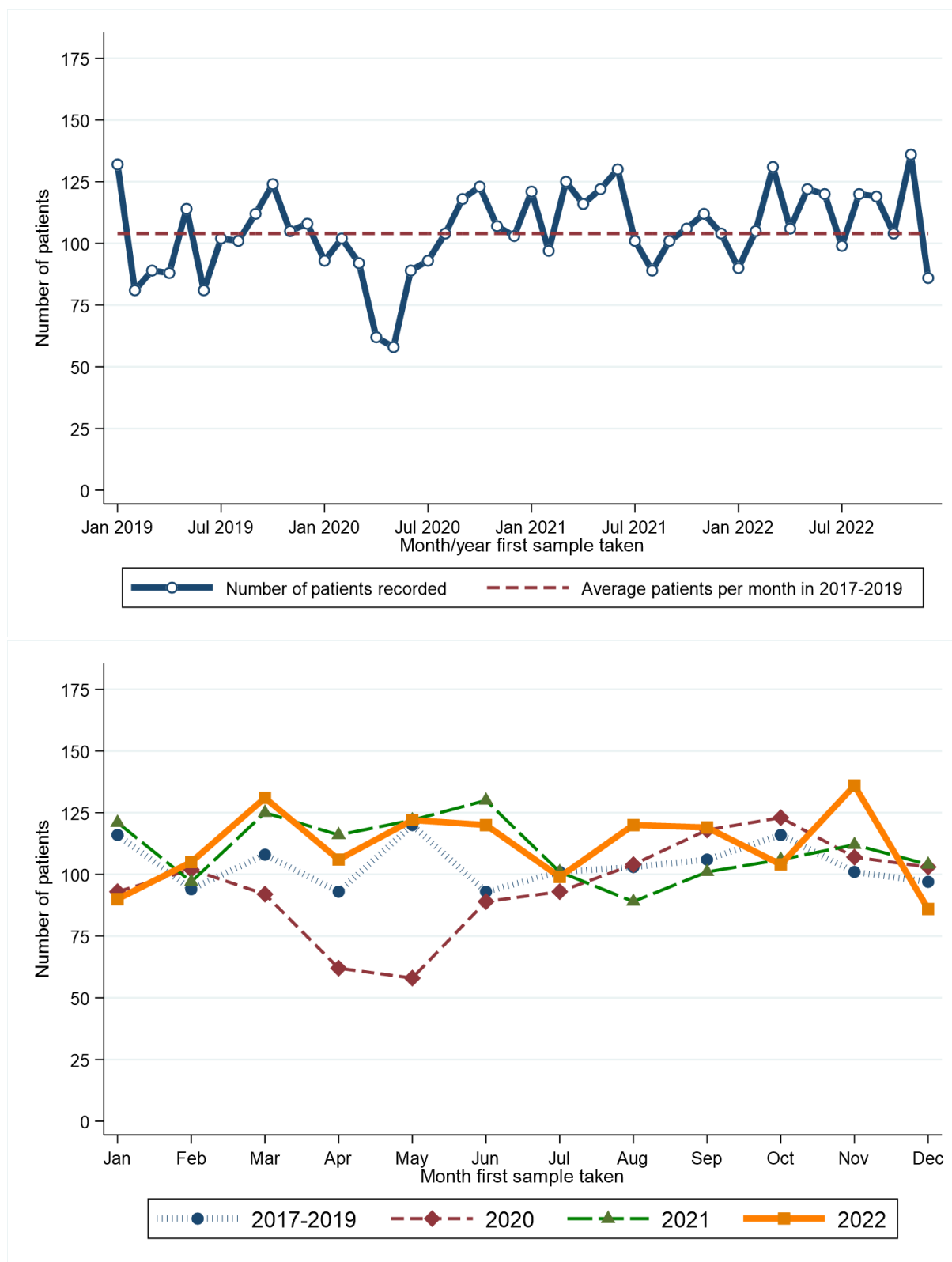
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

FEMALE BREAST CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

+2.2%



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	104
Nov	101	107	112	136
Dec	97	103	104	86

RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 31/12/2022 compared to expected number based on 2017-2019 average

+1.4%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

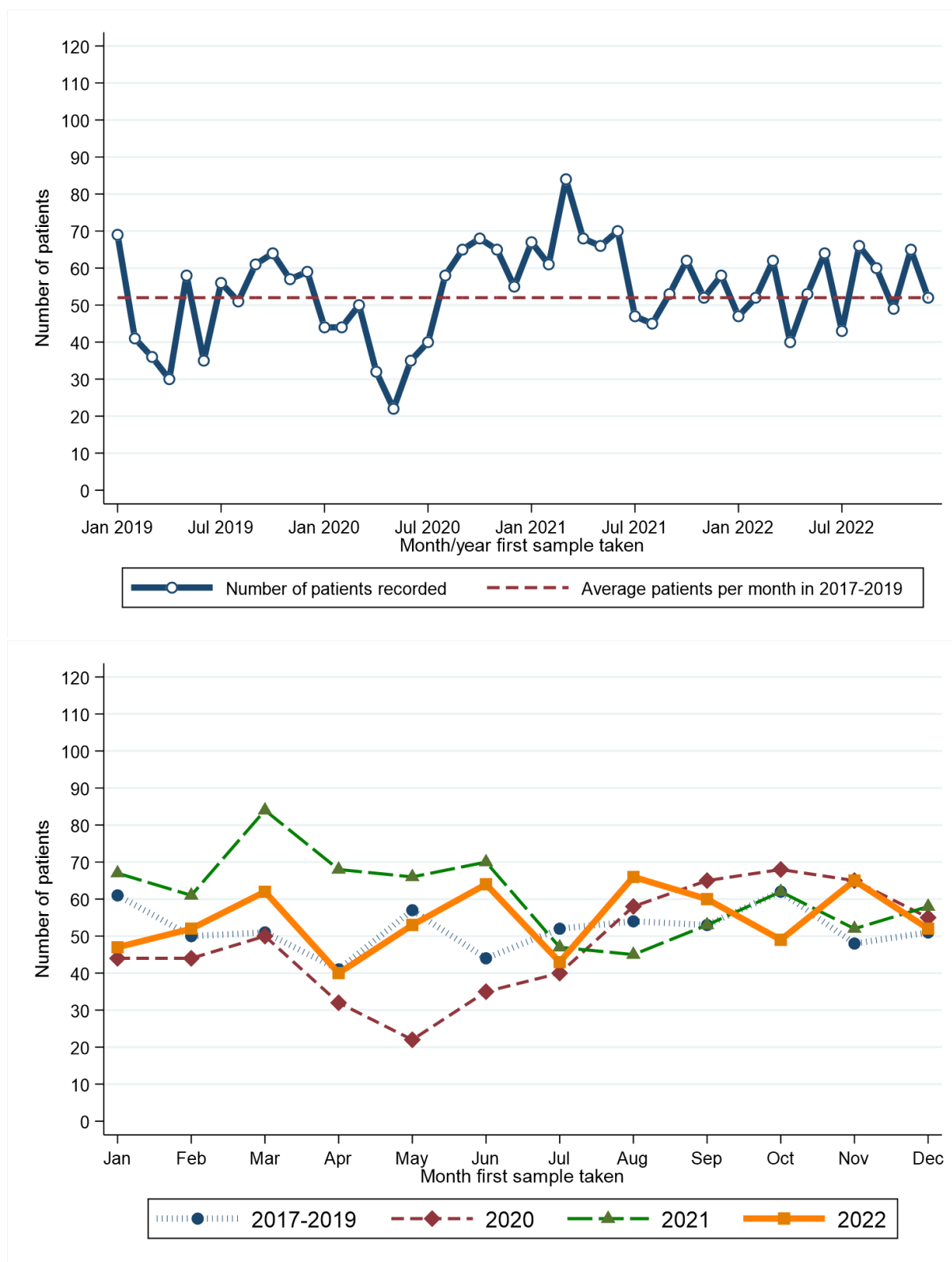
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

FEMALE BREAST CANCER (SCREENING AGE)

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

+6.5%



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

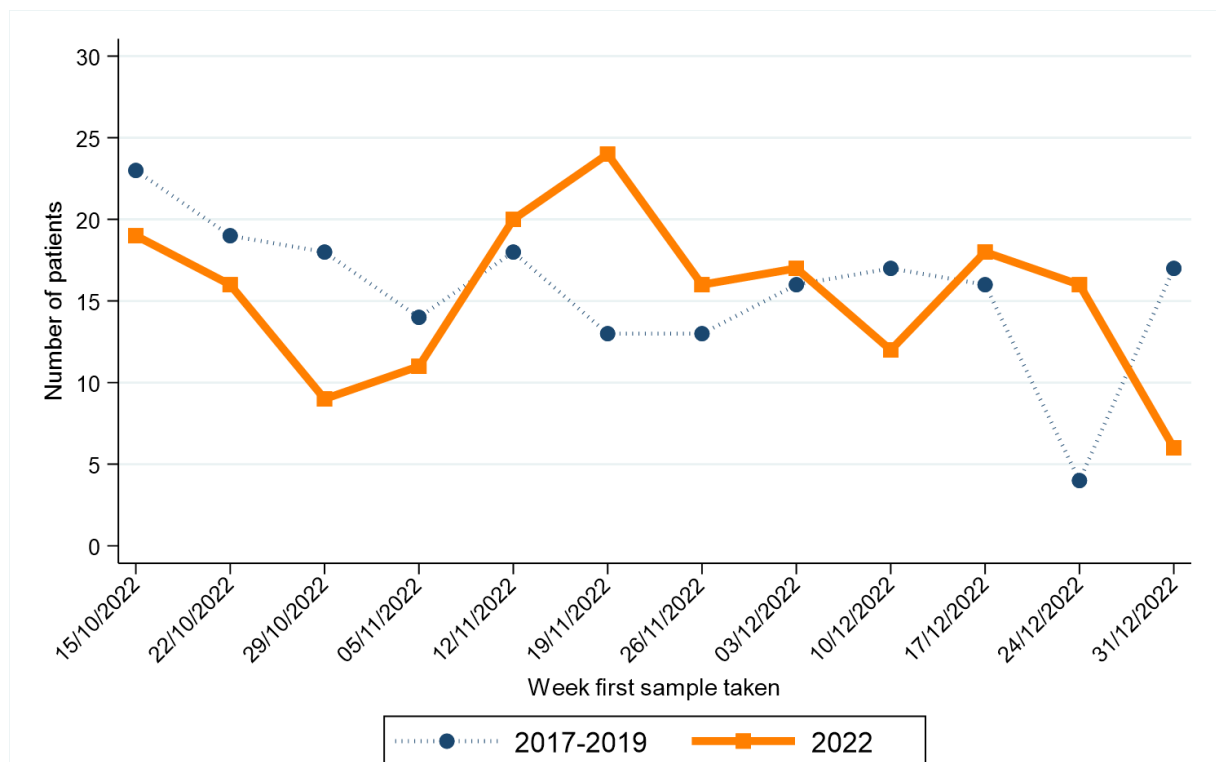
* Average patients per year rounded to the nearest integer.

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	49
Nov	48	65	52	65
Dec	51	55	58	52

RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 31/12/2022 compared to expected number based on 2017-2019 average

-2.1%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

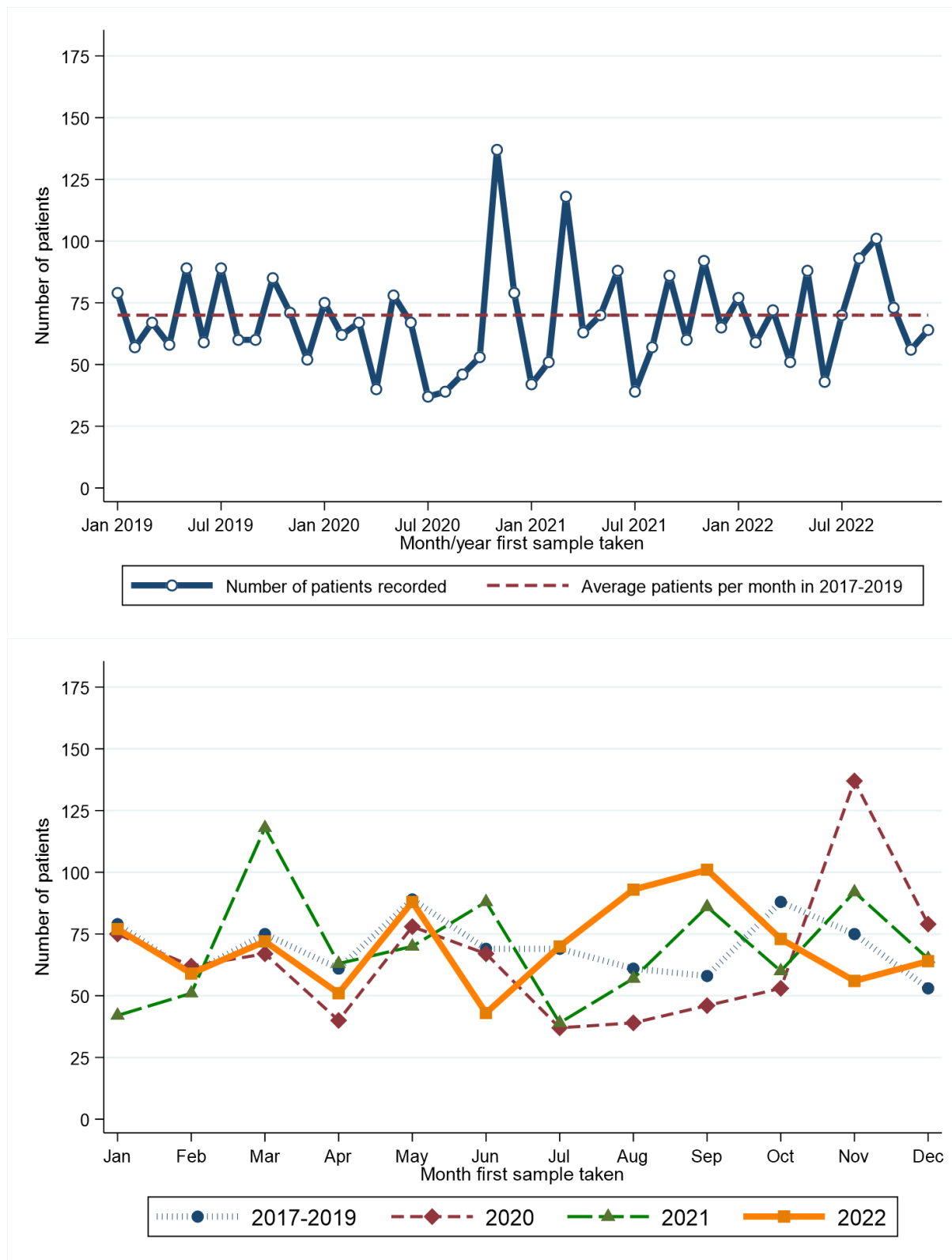
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

PROSTATE CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-2.1%



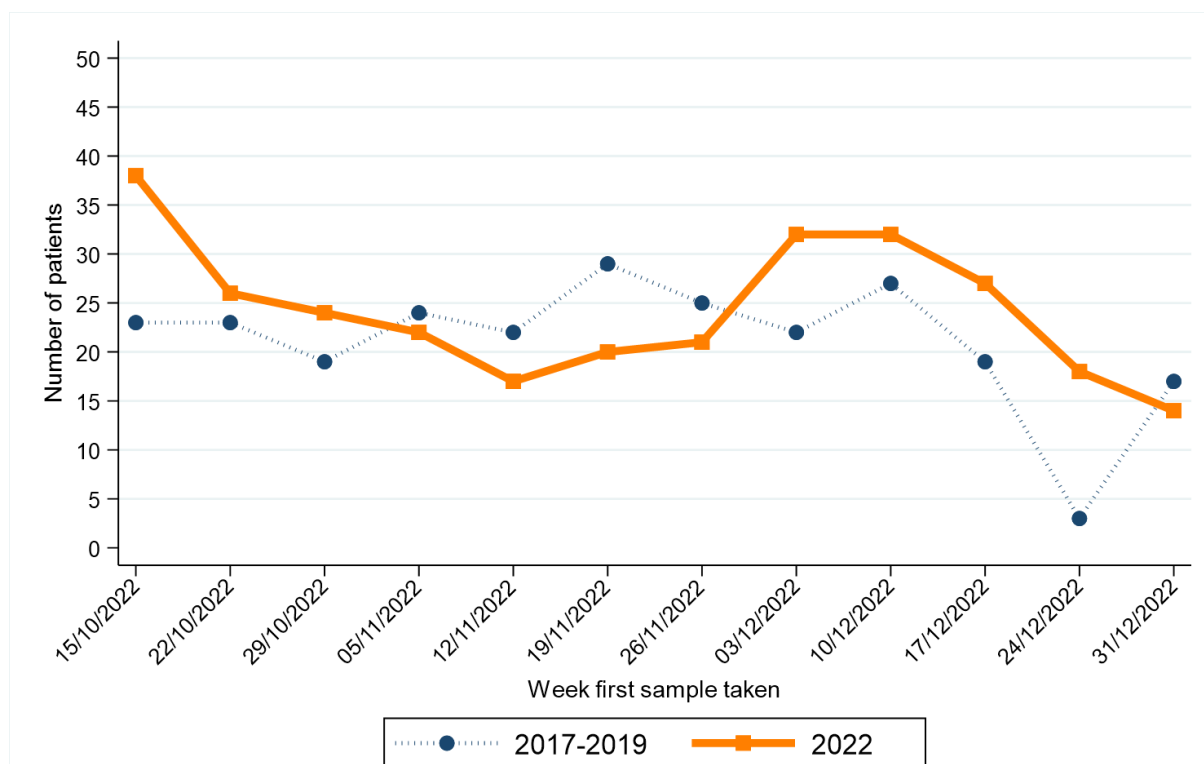
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	79	75	42	77	Jul	69	37	39	70
Feb	59	62	51	59	Aug	61	39	57	93
Mar	75	67	118	72	Sep	58	46	86	101
Apr	61	40	63	51	Oct	88	53	60	73
May	89	78	70	88	Nov	75	137	92	56
Jun	69	67	88	43	Dec	53	79	65	64

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+15.0%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

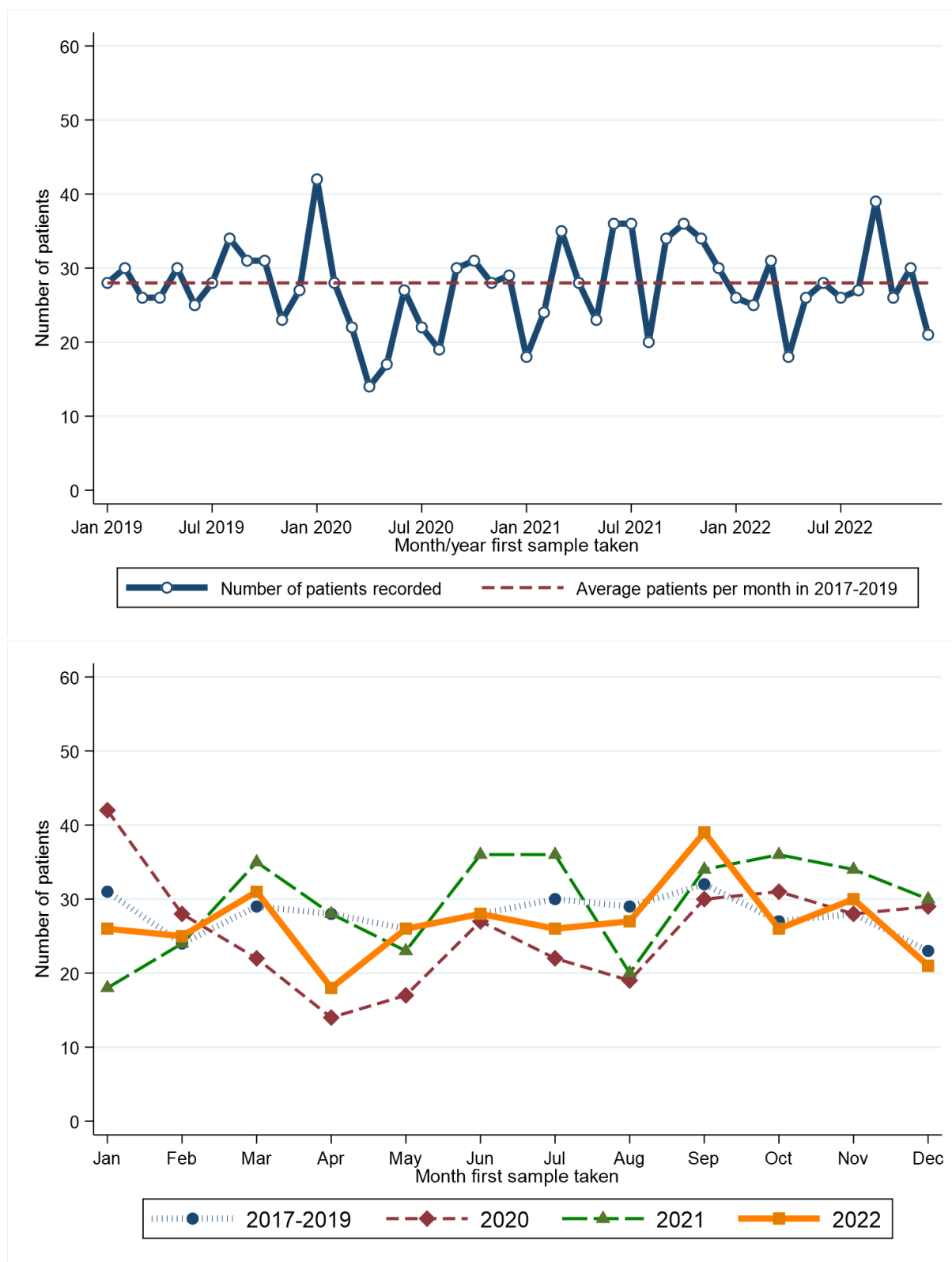
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

UPPER GASTROINTESTINAL CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-3.6%



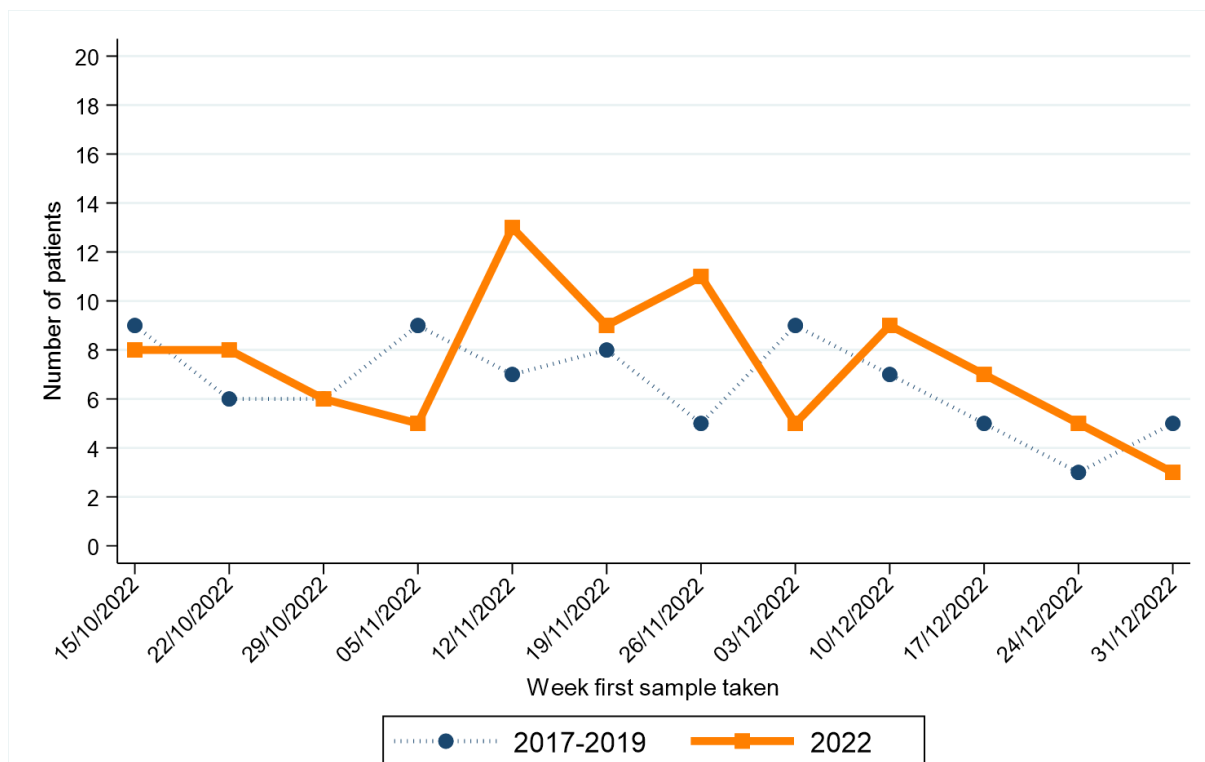
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	31	42	18	26	Jul	30	22	36	26
Feb	24	28	24	25	Aug	29	19	20	27
Mar	29	22	35	31	Sep	32	30	34	39
Apr	28	14	28	18	Oct	27	31	36	26
May	26	17	23	26	Nov	28	28	34	30
Jun	28	27	36	28	Dec	23	29	30	21

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+12.7%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

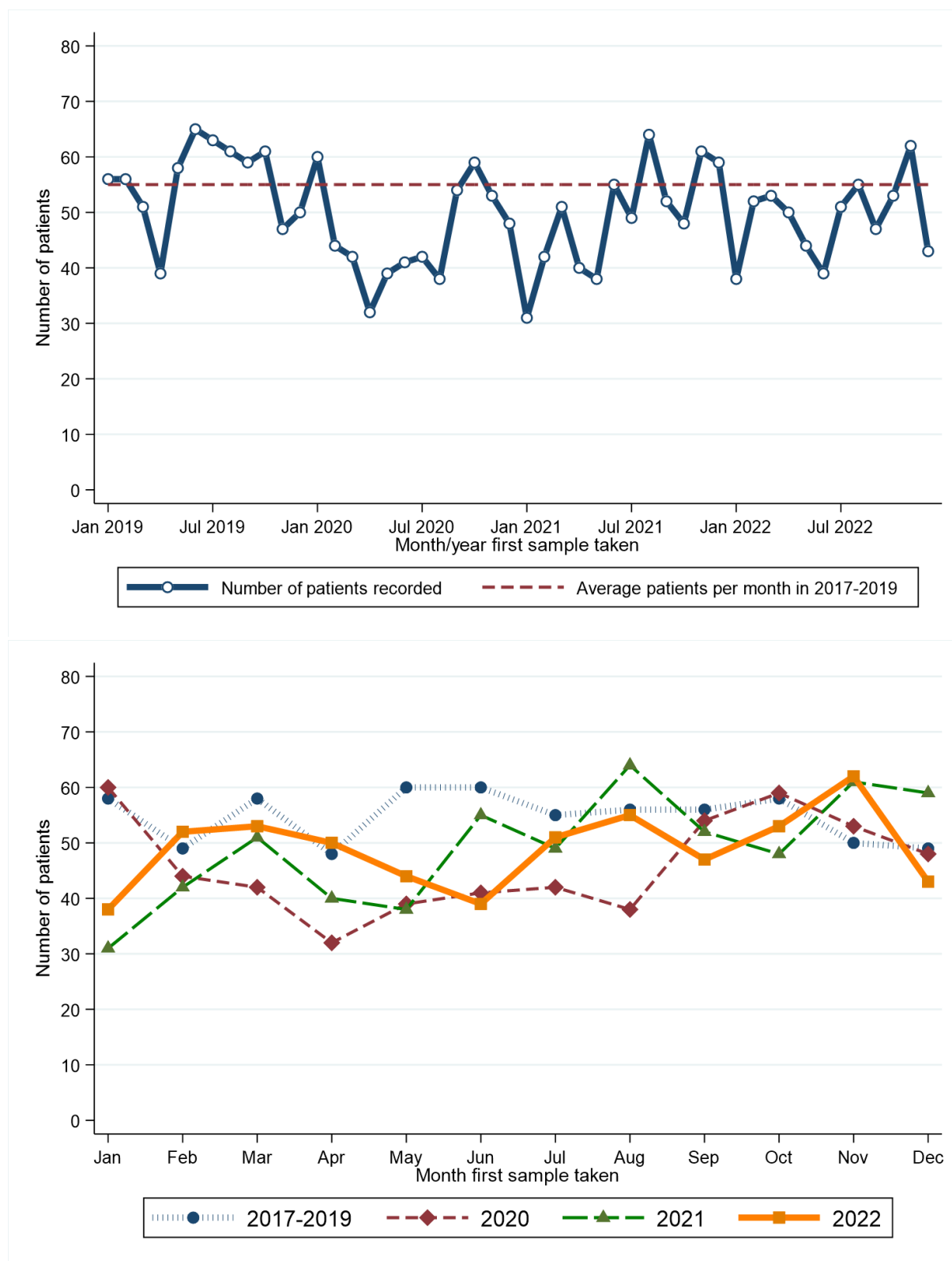
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

GYNAECOLOGICAL CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

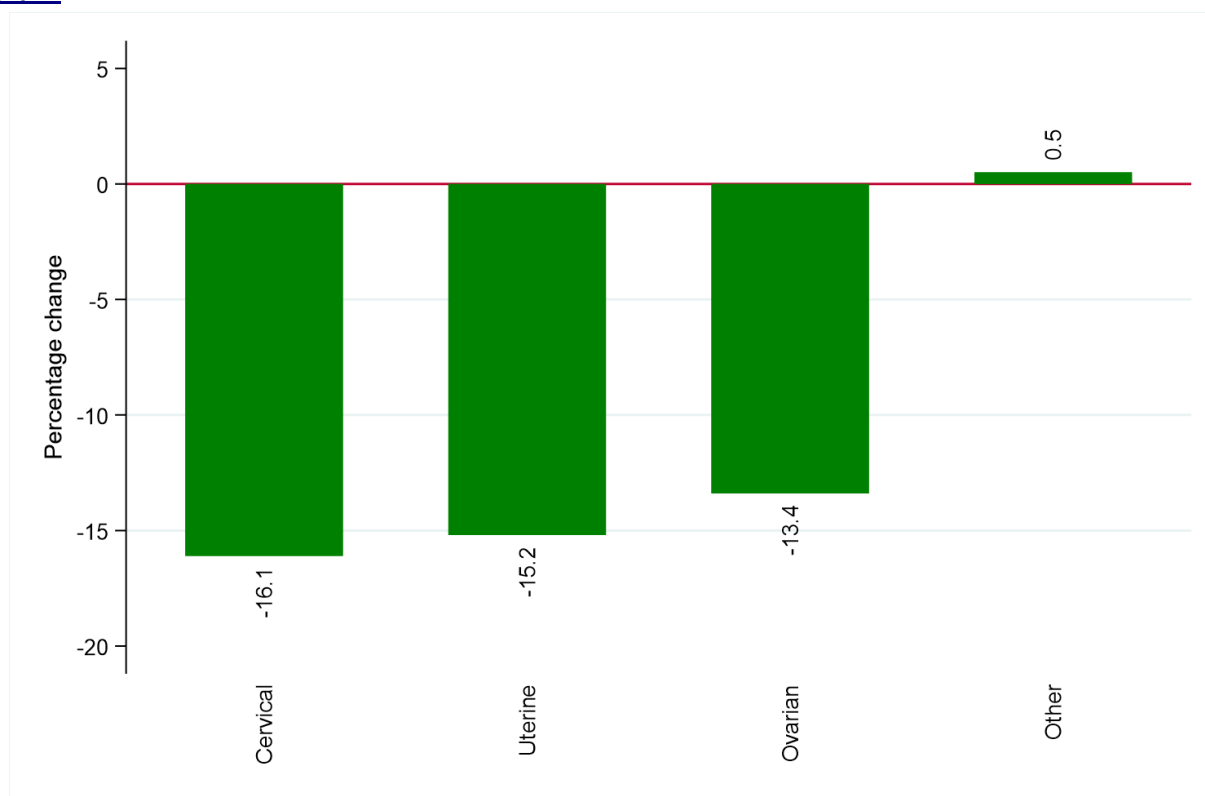
-12.8%



Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	58	60	31	38	Jul	55	42	49	51
Feb	49	44	42	52	Aug	56	38	64	55
Mar	58	42	51	53	Sep	56	54	52	47
Apr	48	32	40	50	Oct	58	59	48	53
May	60	39	38	44	Nov	50	53	61	62
Jun	60	41	55	39	Dec	49	48	59	43

* Average patients per year rounded to the nearest integer.

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



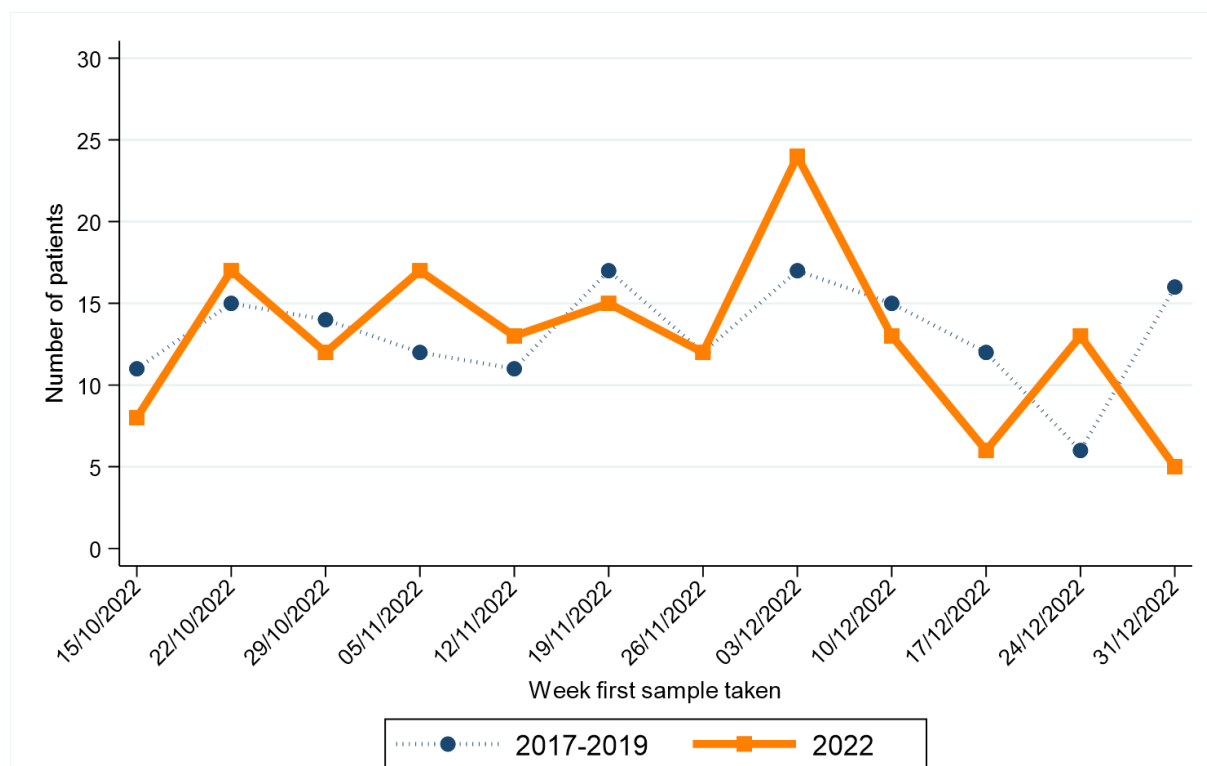
Cancer type	Number of patients (March 2020 to December 2022)	
	Expected number*	Recorded number
Cervical cancer	373	313
Uterine cancer	903	766
Ovarian cancer	632	547
Other gynaecological cancer	189	190

* 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 31/12/2022 compared to expected number based on 2017-2019 average

-1.9%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

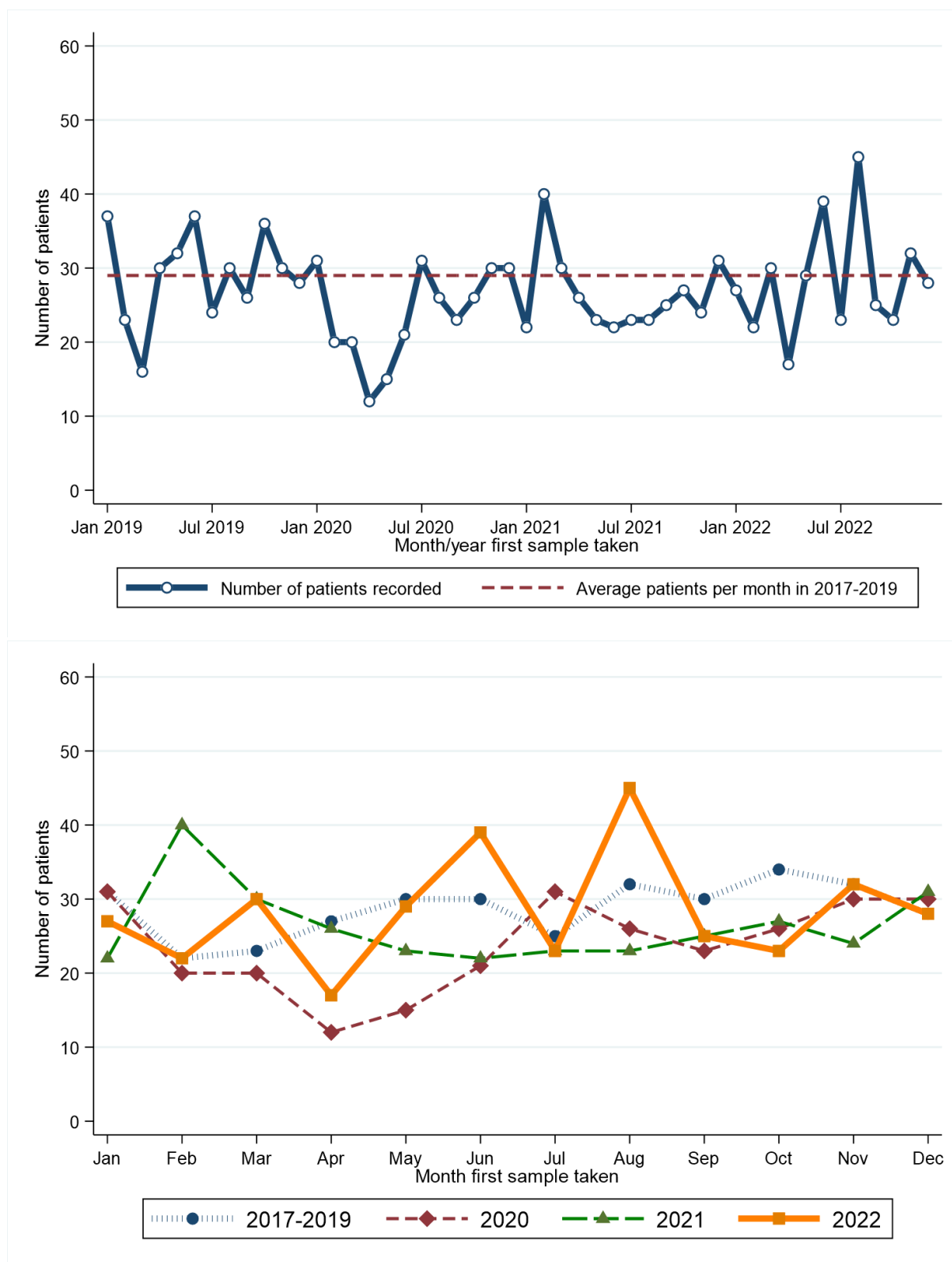
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

HEAD AND NECK CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-9.1%



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	31	31	22	27
Feb	22	20	40	22
Mar	23	20	30	30
Apr	27	12	26	17
May	30	15	23	29
Jun	30	21	22	39

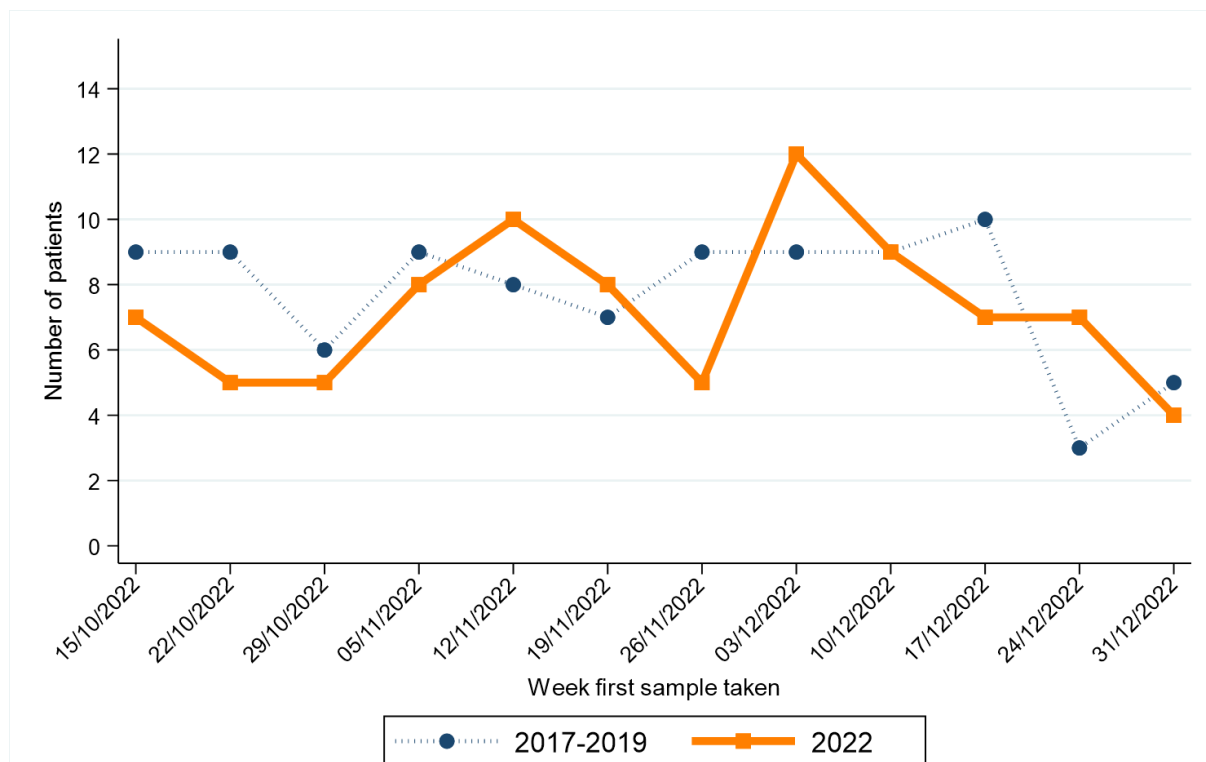
* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	25	31	23	23
Aug	32	26	23	45
Sep	30	23	25	25
Oct	34	26	27	23
Nov	32	30	24	32
Dec	28	30	31	28

RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 31/12/2022 compared to expected number based on 2017-2019 average

-6.5%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

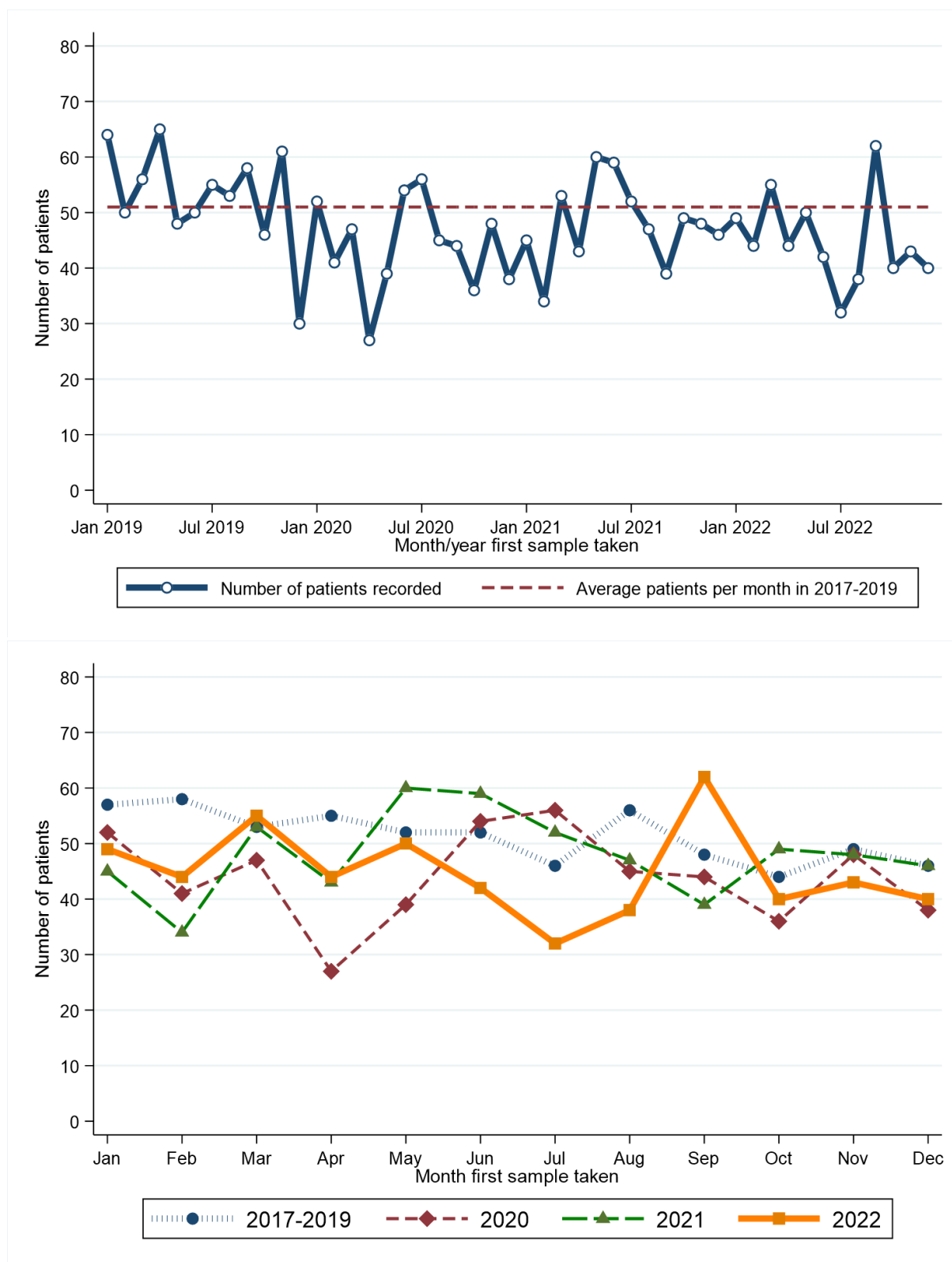
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

URINARY CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-10.7%



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	44	Aug	56	45	47	38
Mar	53	47	53	55	Sep	48	44	39	62
Apr	55	27	43	44	Oct	44	36	49	40
May	52	39	60	50	Nov	49	48	48	43
Jun	52	54	59	42	Dec	46	38	46	40

* 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 31/12/2022 compared to expected number based on 2017-2019 average

-2.5%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

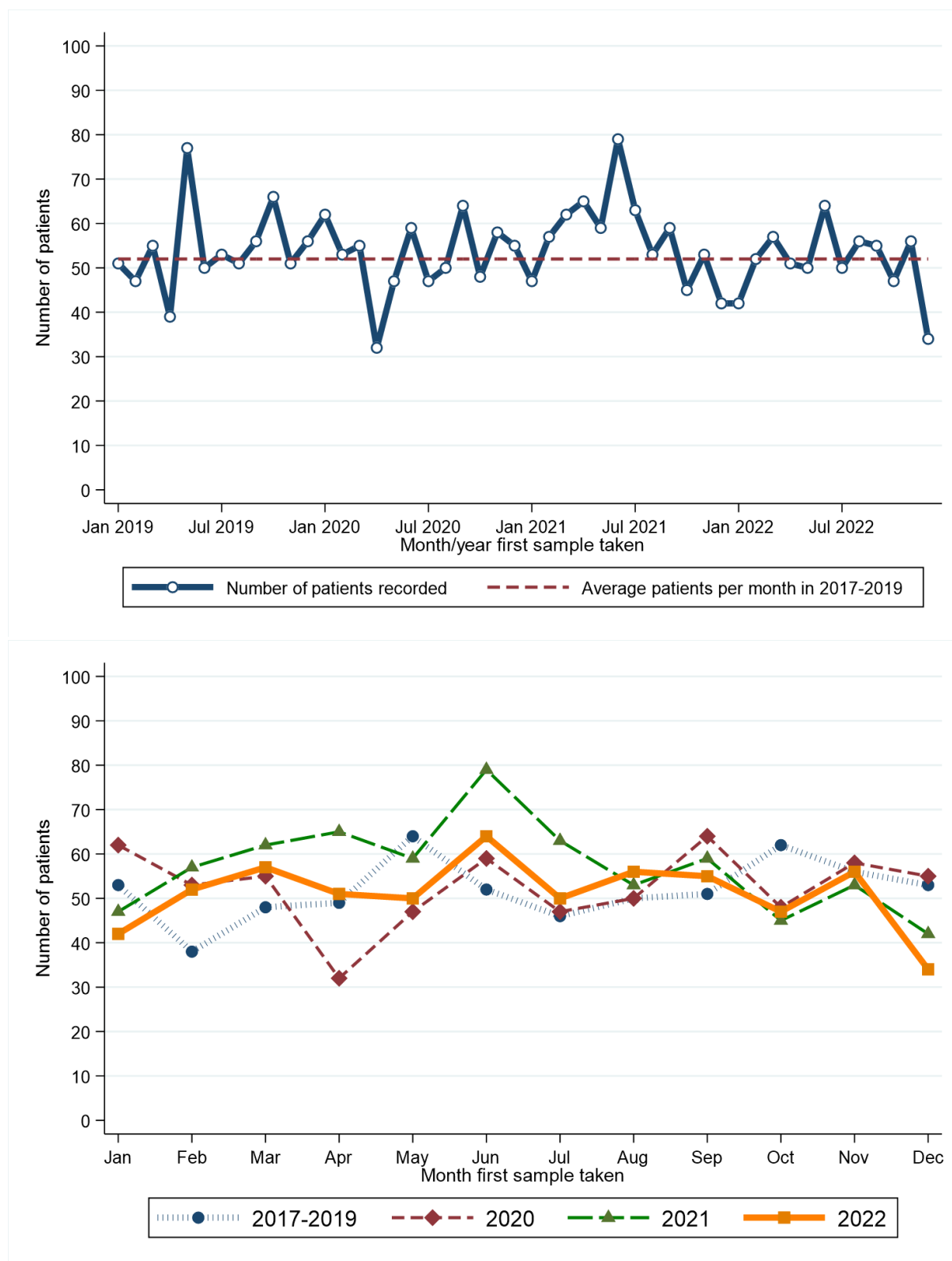
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

HAEMATOLOGICAL CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

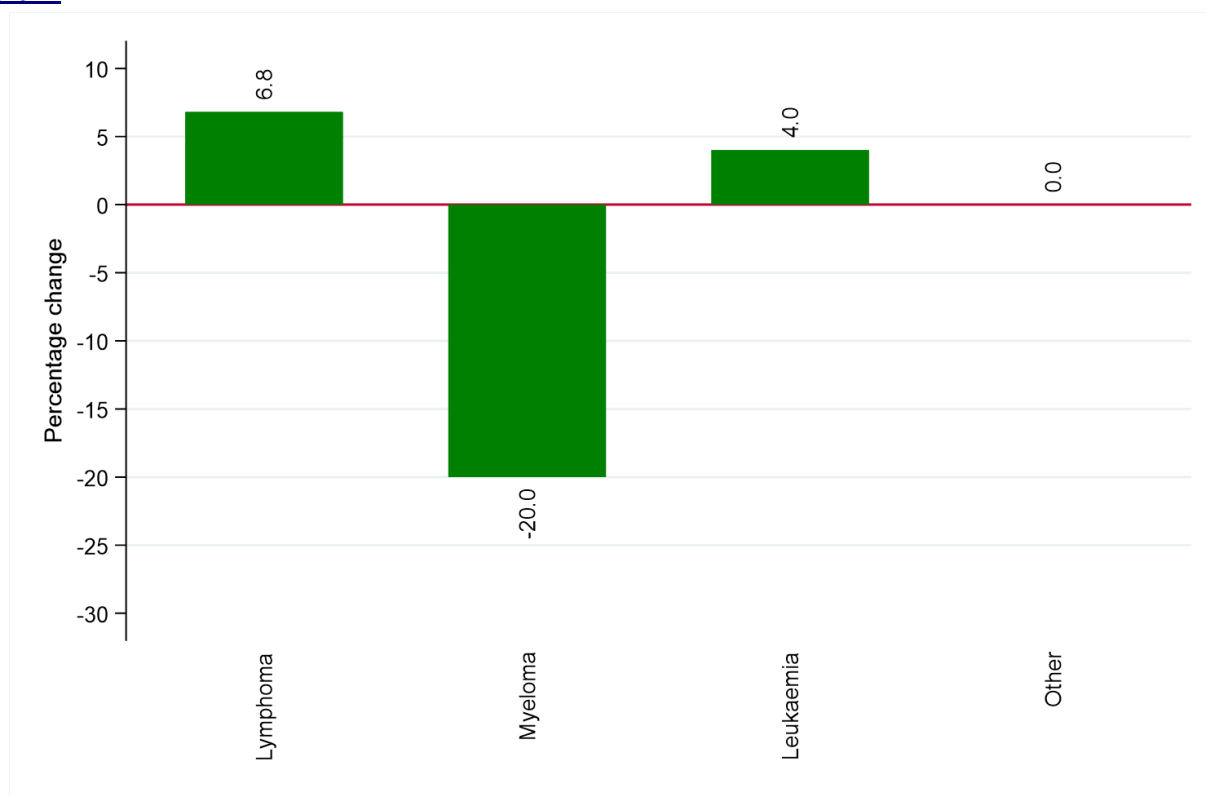
+2.1%



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	56
Mar	48	55	62	57	Sep	51	64	59	55
Apr	49	32	65	51	Oct	62	48	45	47
May	64	47	59	50	Nov	56	58	53	56
Jun	52	59	79	64	Dec	53	55	42	34

* Average patients per year rounded to the nearest integer.

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



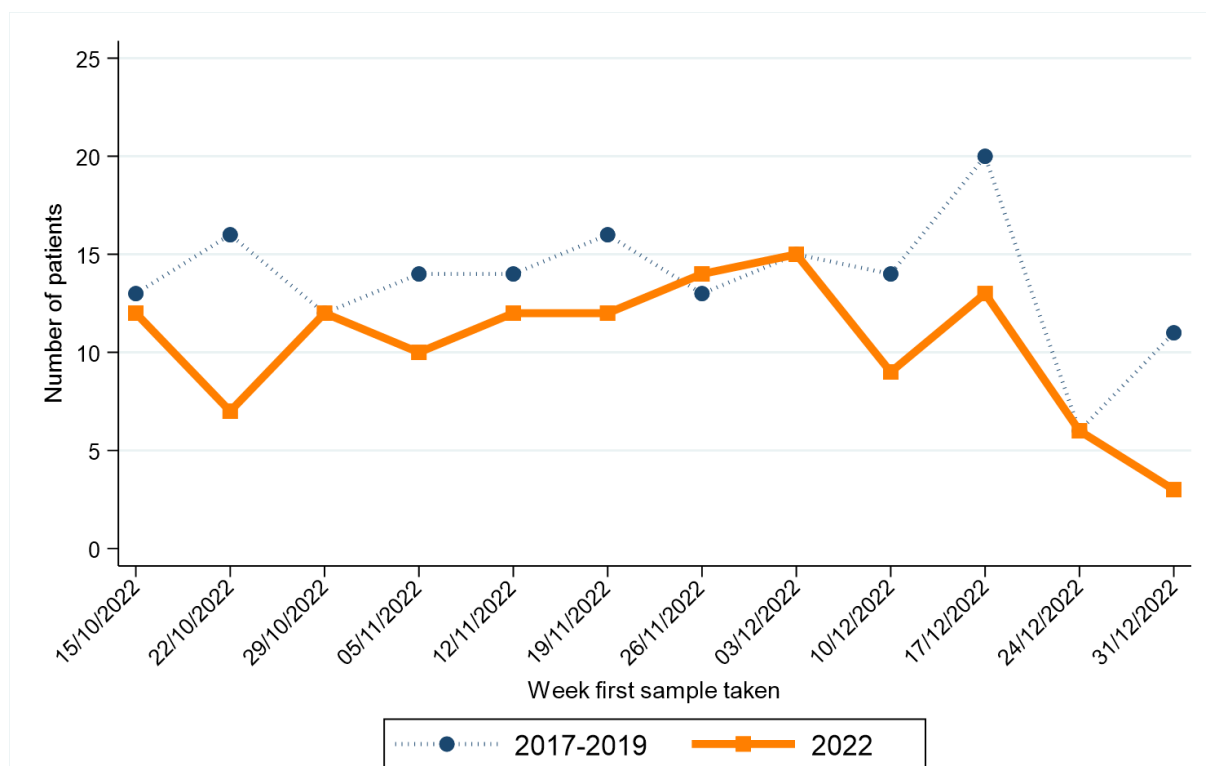
Cancer type	Number of patients (March 2020 to December 2022)	
	Expected number*	Recorded number
Lymphoma	1,347	1,438
Myeloma	265	212
Leukaemia	150	156
Other haematological cancer	30	30

* 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 31/12/2022 compared to expected number based on 2017-2019 average

-23.8%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

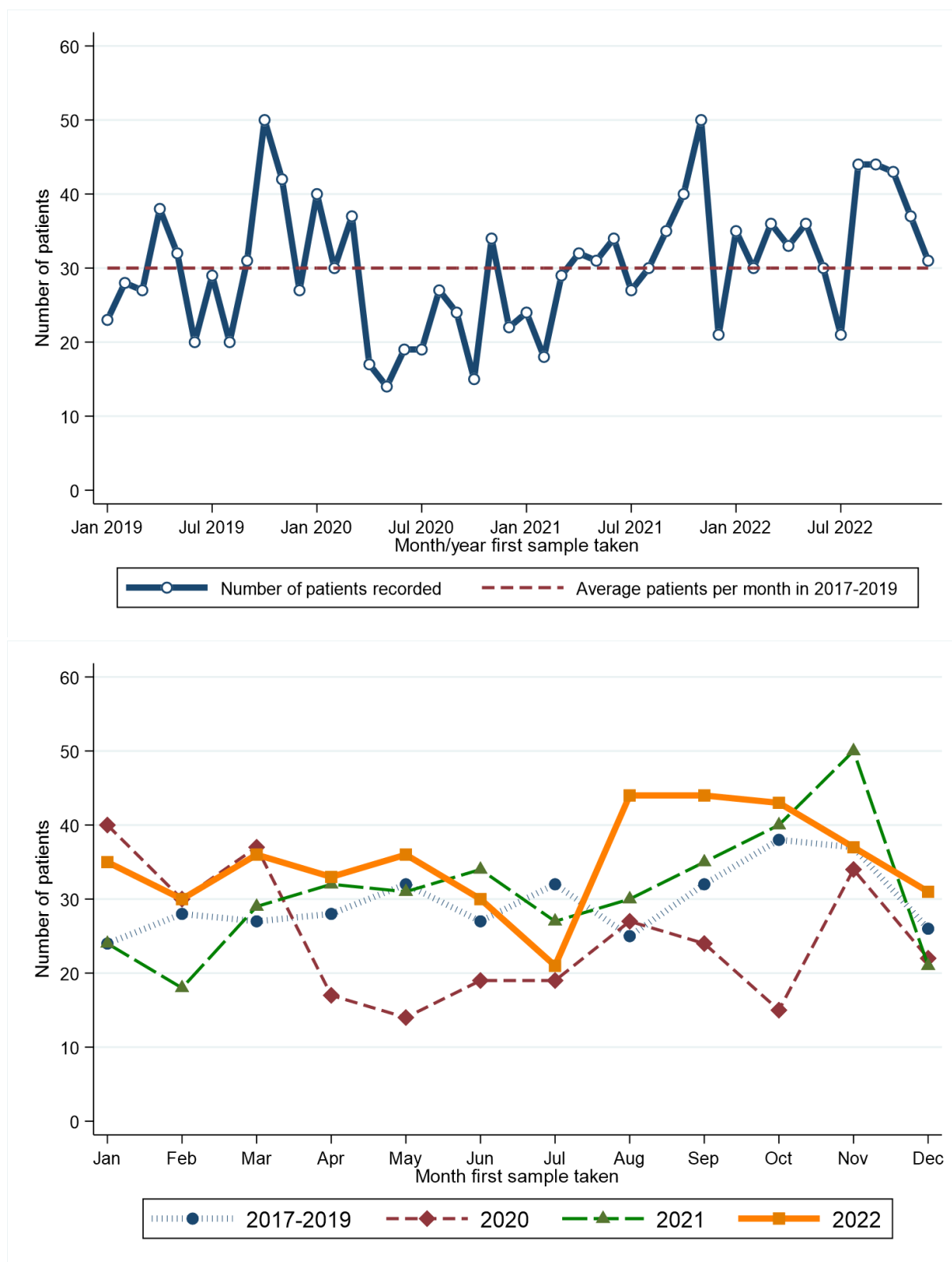
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

MELANOMA

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

+0.3%



Month first sample taken**	2017-2019*	2020	2021	2022
Jan	24	40	24	35
Feb	28	30	18	30
Mar	27	37	29	36
Apr	28	17	32	33
May	32	14	31	36
Jun	27	19	34	30

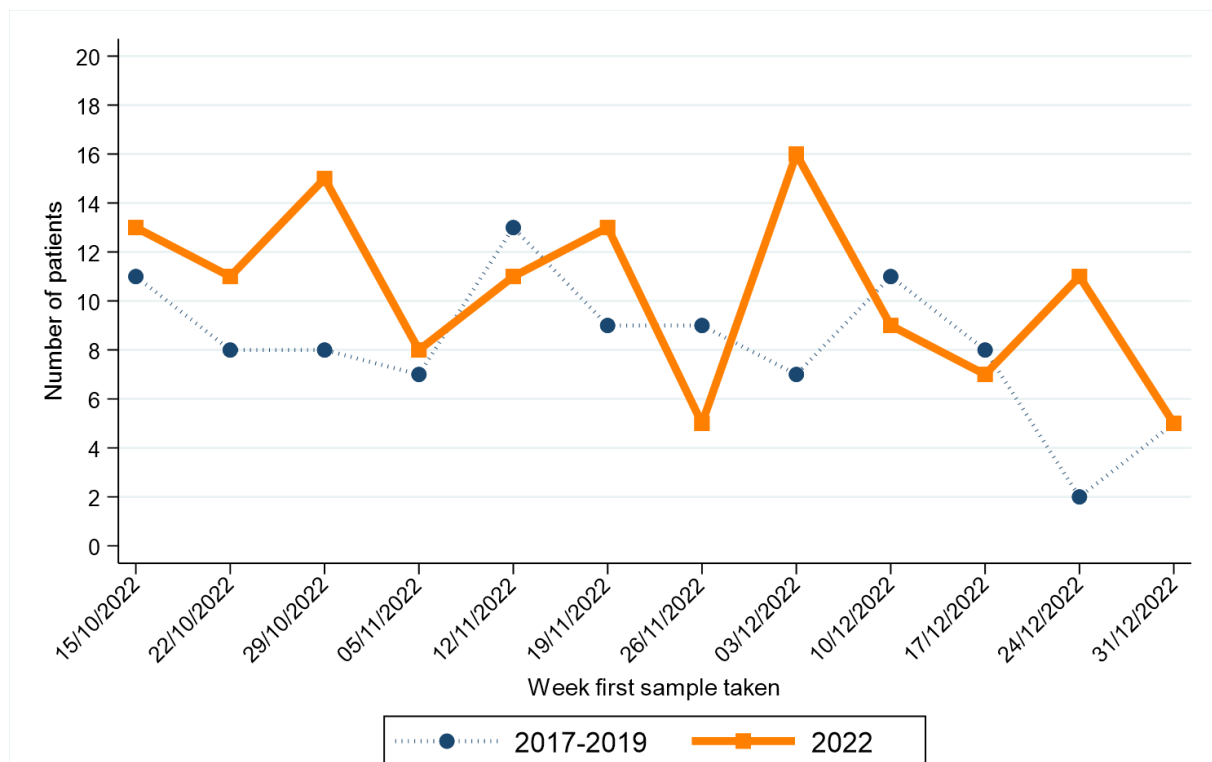
* Average patients per year rounded to the nearest integer.

Month first sample taken**	2017-2019*	2020	2021	2022
Jul	32	19	27	21
Aug	25	27	30	44
Sep	32	24	35	44
Oct	38	15	40	43
Nov	37	34	50	37
Dec	26	22	21	31

RECENT CHANGES IN NUMBER OF PATIENTS - Including Altnagelvin

Percentage change in the twelve weeks up to 31/12/2022 compared to expected number based on 2017-2019 average

+26.5%



Week first sample taken**	2017-2019*	2022
15/10/2022	172	215
22/10/2022	183	184
29/10/2022	149	164
05/11/2022	176	161
12/11/2022	176	188
19/11/2022	185	192

Week first sample taken**	2017-2019*	2022
26/11/2022	175	173
03/12/2022	189	213
10/12/2022	181	186
17/12/2022	173	155
24/12/2022	61	144
31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

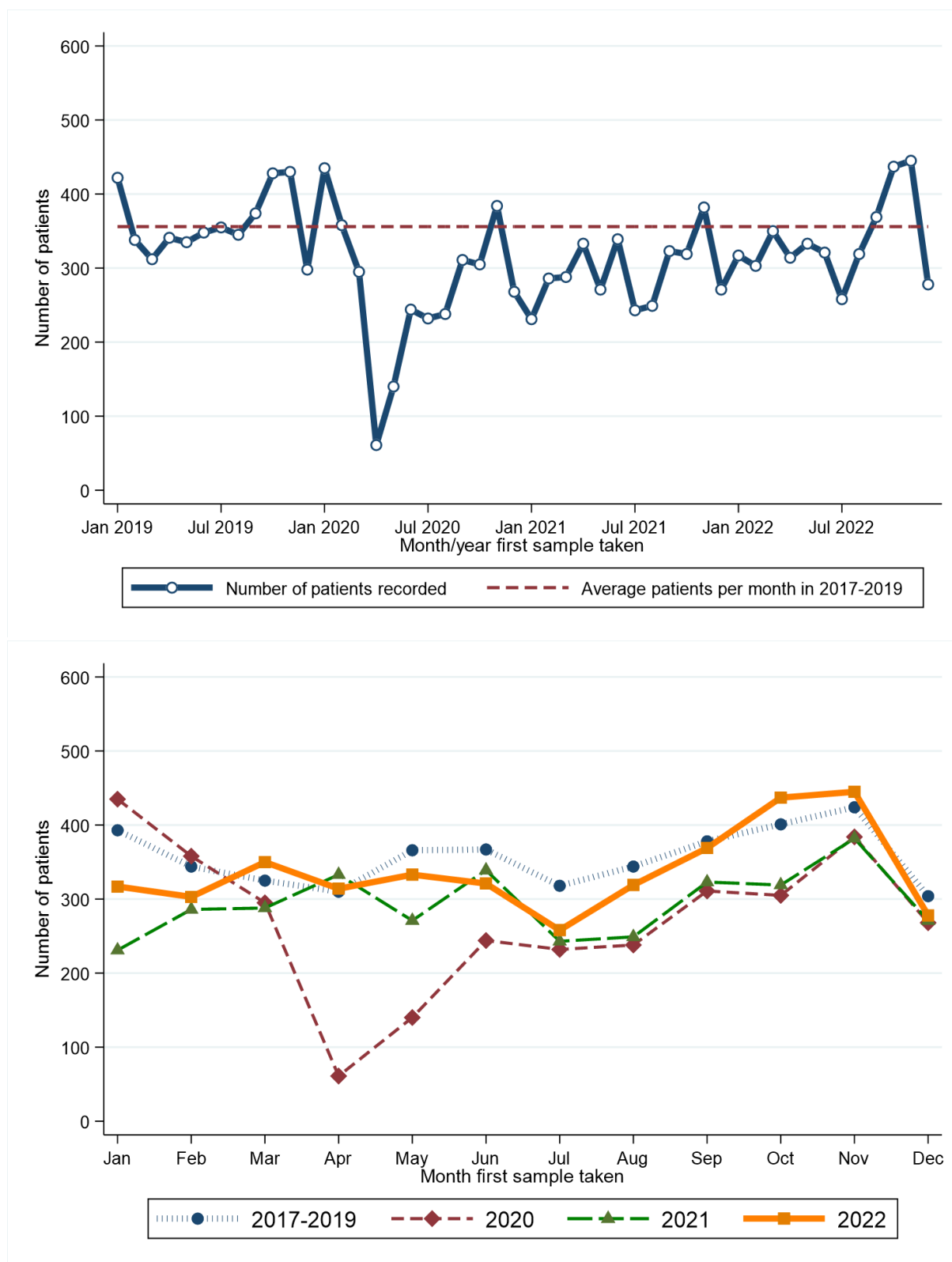
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

NON-MELANOMA SKIN CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

-16.8%



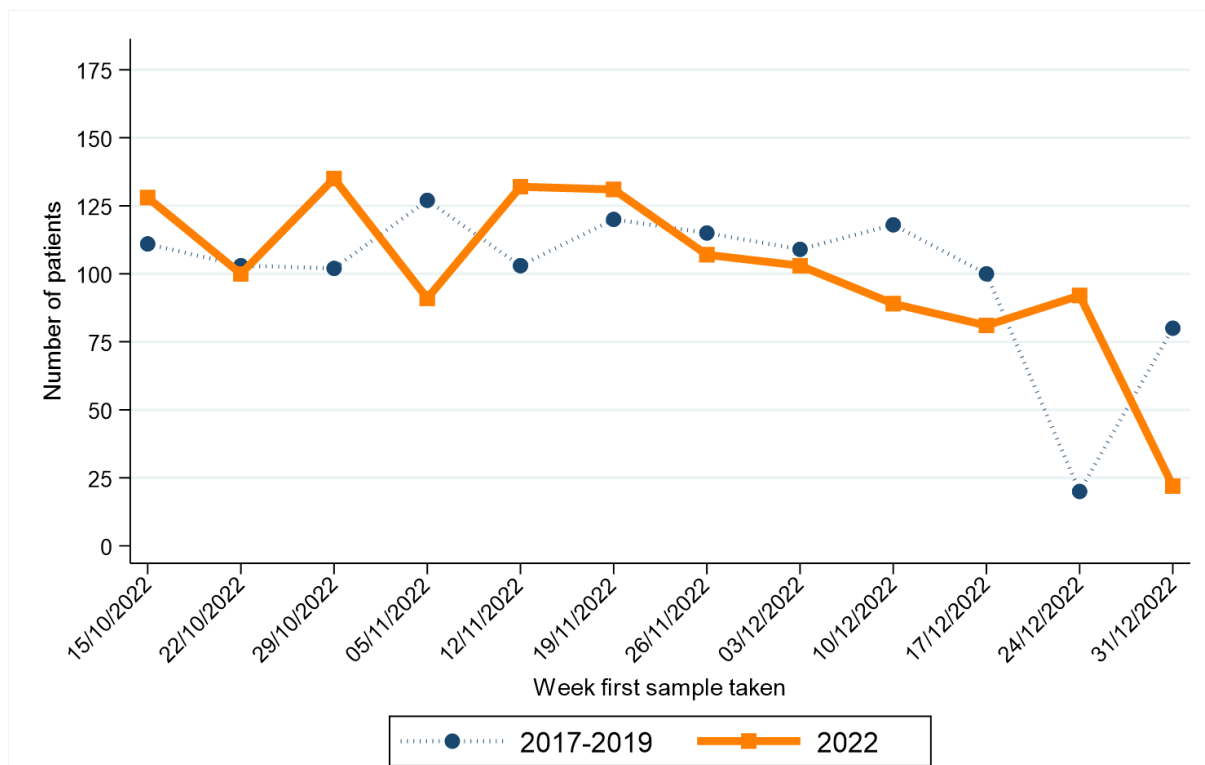
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	393	435	231	317	Jul	318	232	243	258
Feb	344	358	286	303	Aug	344	238	249	319
Mar	325	295	288	350	Sep	378	311	323	369
Apr	310	61	333	314	Oct	401	305	319	437
May	366	140	271	333	Nov	424	384	382	445
Jun	367	244	339	321	Dec	304	268	271	278

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+0.2%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* Average patients per year rounded to the nearest integer.

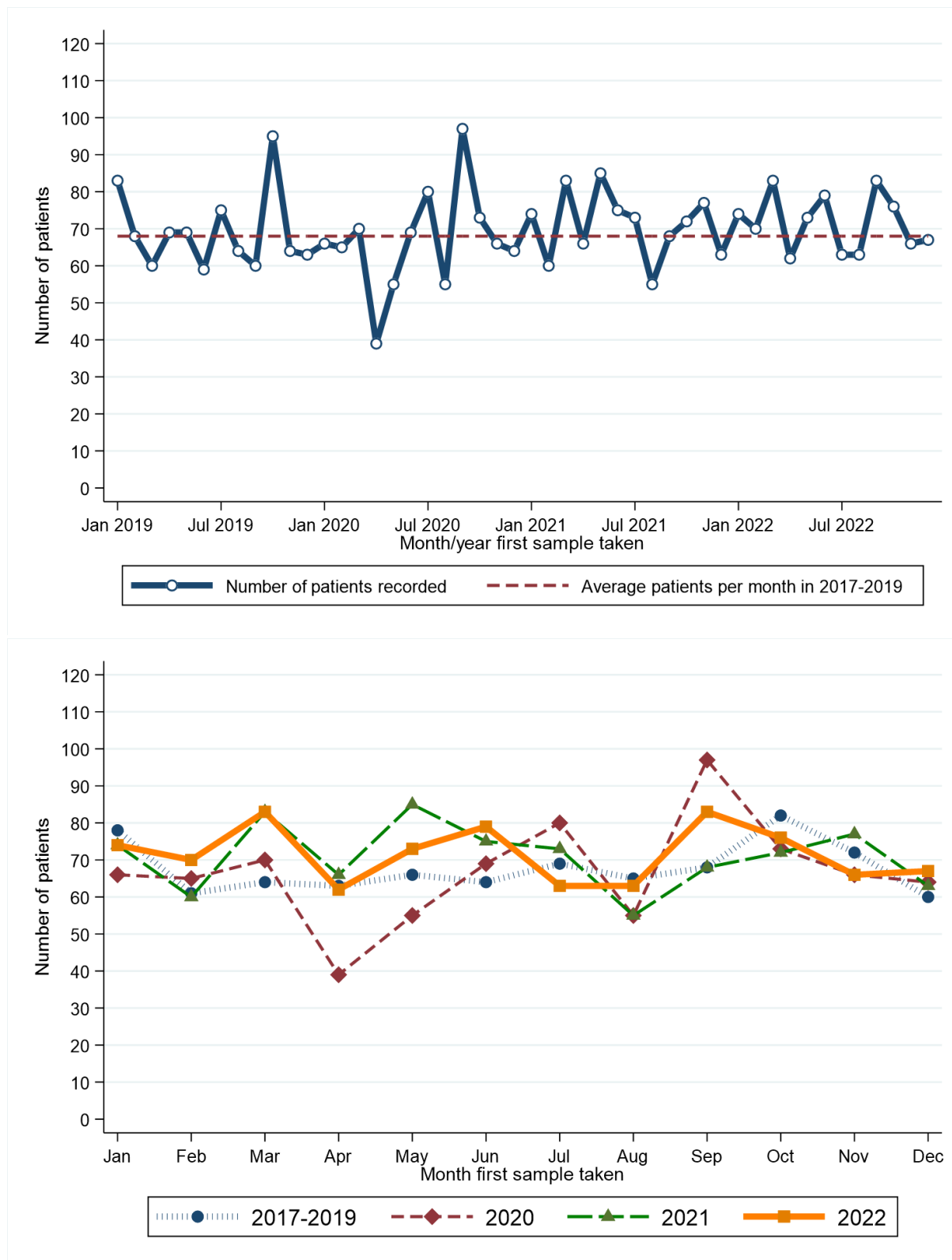
** Date shown refers to the end date of the week in 2022. Data for previous years refers to the equivalent Sun-Sat week in those years.

OTHER CANCER

CHANGE IN NUMBER OF PATIENTS SINCE MARCH 2020 - Excluding Altnagelvin

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

+3.5%



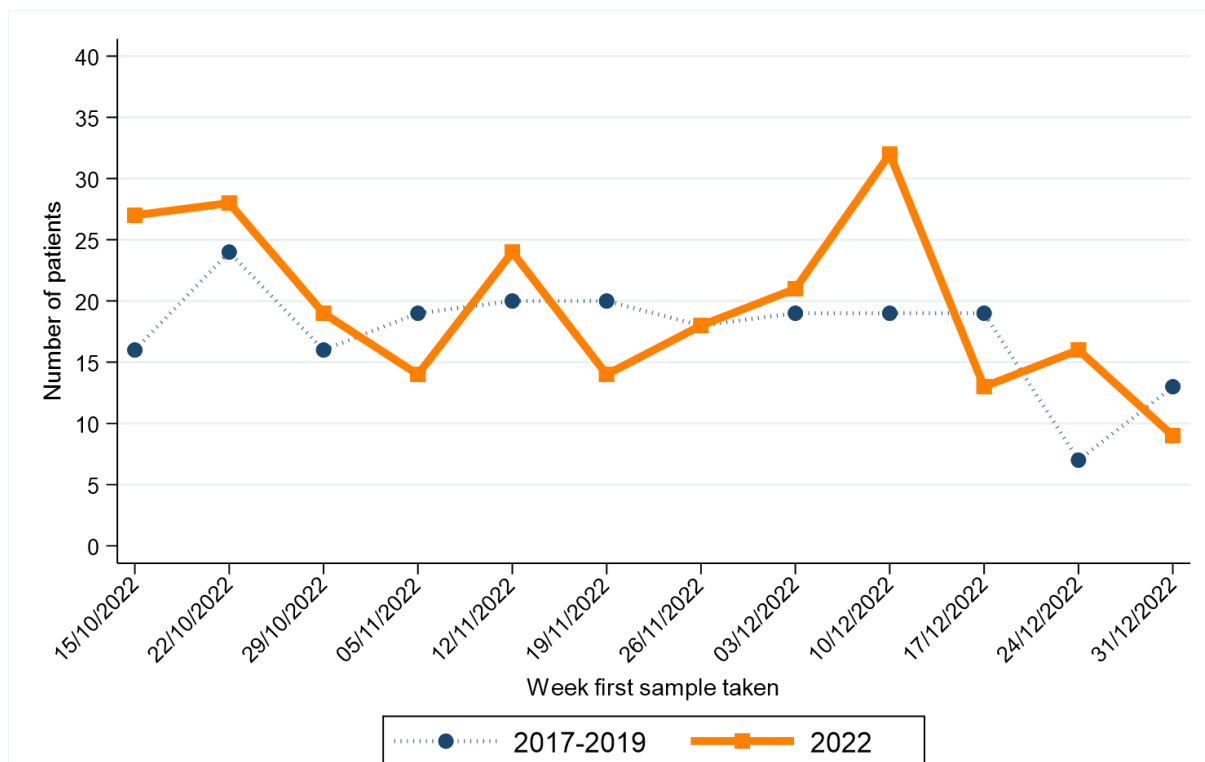
Month first sample taken**	2017-2019*	2020	2021	2022	Month first sample taken**	2017-2019*	2020	2021	2022
Jan	78	66	74	74	Jul	69	80	73	63
Feb	61	65	60	70	Aug	65	55	55	63
Mar	64	70	83	83	Sep	68	97	68	83
Apr	63	39	66	62	Oct	82	73	72	76
May	66	55	85	73	Nov	72	66	77	66
Jun	64	69	75	79	Dec	60	64	63	67

* 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 31/12/2022 compared to expected number based on 2017-2019 average

+11.9%



Week first sample taken**	2017-2019*	2022	Week first sample taken**	2017-2019*	2022
15/10/2022	172	215	26/11/2022	175	173
22/10/2022	183	184	03/12/2022	189	213
29/10/2022	149	164	10/12/2022	181	186
05/11/2022	176	161	17/12/2022	173	155
12/11/2022	176	188	24/12/2022	61	144
19/11/2022	185	192	31/12/2022	146	60

* 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 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 patients with pathology samples that indicated a malignant tumour and had this result coded and recorded by the end of December 2022. Due to potential reporting delays, pathology data from the month following December 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, 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.