

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

December 2020 Update

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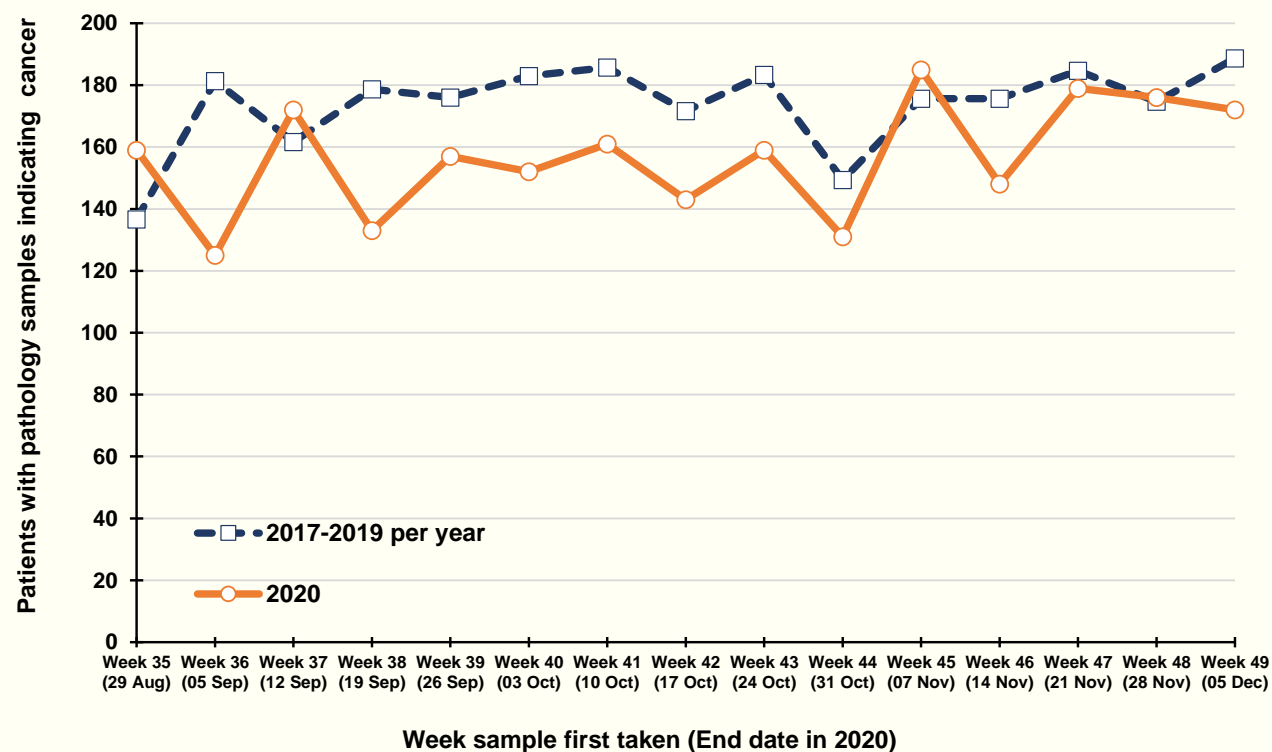
SUMMARY

Recent trends in the number of patients with pathology samples indicating cancer: Dec 2020

- 1) 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 1st January 2020 to the week ending 5th December 2020 in Northern Ireland.
- 2) 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.
- 3) Data are sourced from the four NHS pathology laboratories in Northern Ireland (Belfast, Altnagelvin, Antrim, Craigavon), which are usually provided to the NI Cancer Registry on a monthly basis.

Trends in patients with pathology samples indicating cancer by week first sample taken

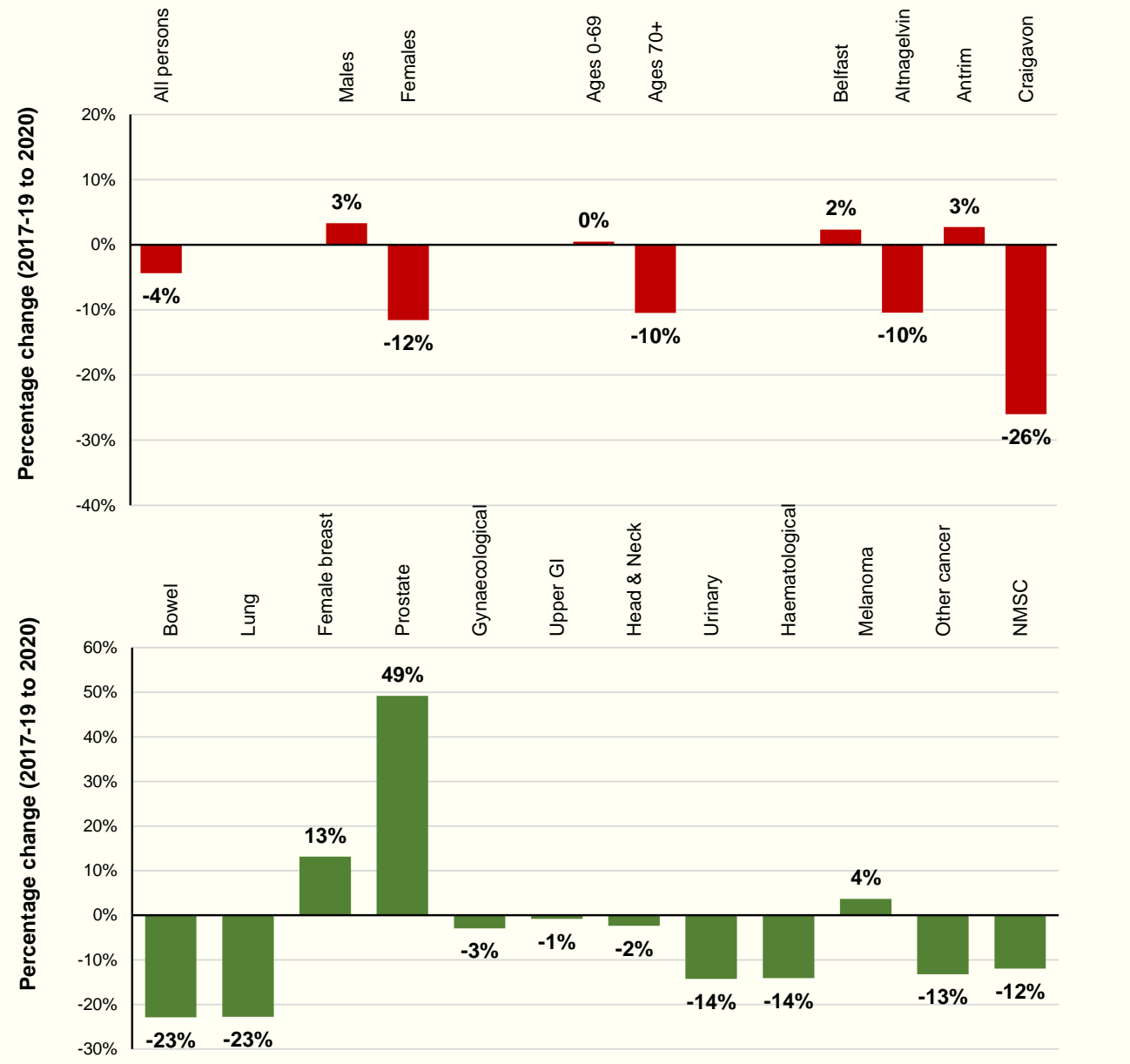
- 4) From 1st March to 5th December 2020, the number of patients with a pathological sample indicating cancer was 19% lower than the average number for the same time period in 2017-2019.
- 5) Based upon the monthly trend in patients with pathology samples indicating cancer, there was an estimated shortfall of 1,300 patients during March-November 2020 compared to the expected number. Some of these "missing" patients may have a clinical only diagnosis (e.g. as a result of an emergency hospital admission).



Percentage change from 2017-2019 to 2020 in the number of patients with pathology samples indicating cancer, first taken in weeks 45-49 of each year (2 November to 5 December in 2020)

6) Patient demographics

There was a 4% reduction in the number of patients with a pathology sample indicating cancer in weeks 45-49 of 2020, compared to the average value for weeks 45-49 in 2017-2019. However, there was a 3% increase among males compared to a 12% decrease among females. No change was recorded in the number of patients aged 0-69 years, while a decrease of 10% occurred in the number aged 70 and older. Reductions were greatest in Craigavon (26%), with decreases also apparent in Altnagelvin (10%). Small increases were recorded in Belfast (2%) and Antrim (3%).



7) Cancer type

Compared to the annual average for weeks 45-49 in 2017-2019, the number of patients with a pathology sample indicating bowel cancer in 2020 decreased by 23%, while those indicating lung cancer also decreased by 23%. Decreases of approximately 14% occurred for urinary and haematological cancer. However, the number of patients with pathology samples indicating breast cancer increased by 13%, while the number of pathologically diagnosed prostate cancer patients increased by 49%.

Percentage change from 2017-2019 to 2020 in the number of patients with pathology samples indicating cancer, and estimates of the number of "missed" patients in 2020: Patient demographics

Patient demographics	Percentage change from 2017-2019 to 2020 in the number of patients with pathology samples indicating cancer		Estimated number of "missed" patients
	Weeks 45-49 (2 Nov to 5 Dec in 2020)	Weeks 10-49 (1 Mar to 5 Dec in 2020)	At the end of November 2020
All persons	-4%	-19%	1,300
<u>Gender</u>			
Males	3%	-18%	610
Females	-12%	-20%	690
<u>Age</u>			
Ages 0-69	0%	-19%	730
Ages 70+	-10%	-20%	580
<u>Pathology Lab</u>			
Belfast	2%	-13%	420
Altnagelvin	-10%	-23%	290
Antrim	3%	-20%	150
Craigavon	-26%	-33%	440

Notes:

"Missed" patients may have a clinical only diagnosis (e.g. as a result of an emergency hospital admission).

"Missed" patients were calculated based upon the difference between the actual and expected number of patients recorded. The latter is determined using the trend in patients diagnosed pathologically from Jan 2017 to Feb 2020, and thus includes any expected increases (or decreases) as a result in annual changes in the number of cases diagnosed (e.g. as a result of population growth and/or ageing).

Percentage change from 2017-2019 to 2020 in the number of patients with pathology samples indicating cancer, and estimates of the number of "missed" patients in 2020: Cancer type

Cancer type	Percentage change from 2017-2019 to 2020 in the number of patients with pathology samples indicating cancer		Estimated number of "missed" patients
	Weeks 45-49 (2 Nov to 5 Dec in 2020)	Weeks 10-49 (1 Mar to 5 Dec in 2020)	At the end of November 2020
All cancers (ex NMSC)	-4%	-19%	1,300
NMSC	-12%	-30%	1,340
Bowel	-23%	-16%	150
Lung	-23%	-27%	150
Female breast	13%	-12%	120
Prostate	49%	-13%	130
Gynaecological	-3%	-19%	90
Upper GI	-1%	-21%	70
Head & Neck	-2%	-21%	70
Urinary	-14%	-13%	30
Haematological	-14%	-10%	70
Melanoma	4%	-25%	130
Other cancer	-13%	-2%	20
<u>Screening age</u>			
Bowel cancer (Ages 60-74)	-23%	-17%	100
Breast cancer (Ages 50-70)	30%	-8%	30

Notes:

NMSC: Non-melanoma skin cancer; GI: Gastrointestinal

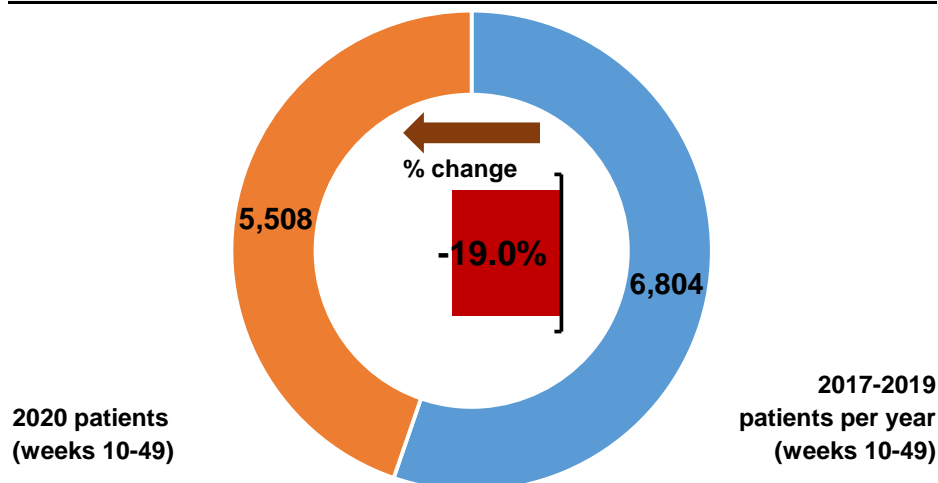
"Missed" patients may have a clinical only diagnosis (e.g. as a result of an emergency hospital admission).

"Missed" patients were calculated based upon the difference between the actual and expected number of patients recorded. The latter is determined using the trend in patients diagnosed pathologically from Jan 2017 to Feb 2020, and thus includes any expected increases (or decreases) as a result in annual changes in the number of cases diagnosed (e.g. as a result of population growth and/or ageing).

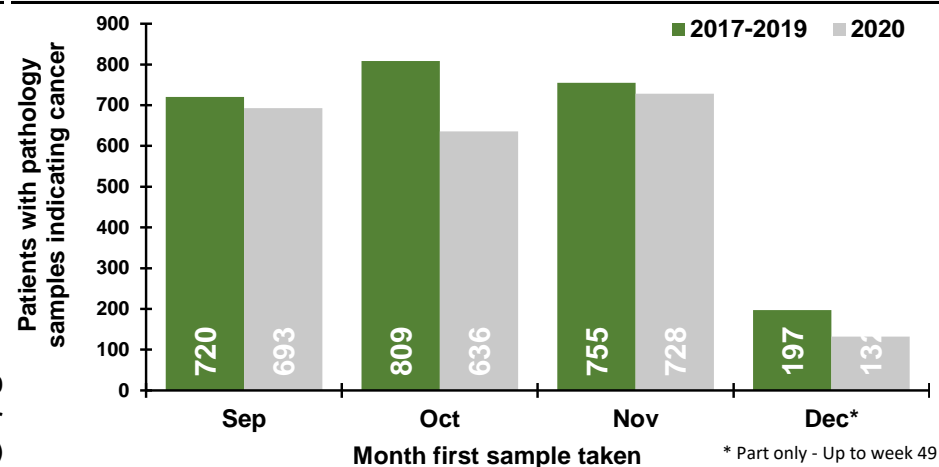
Other cancers excludes cancer of unknown primary.

Patients with pathology samples indicating cancer (ex NMSC): All persons

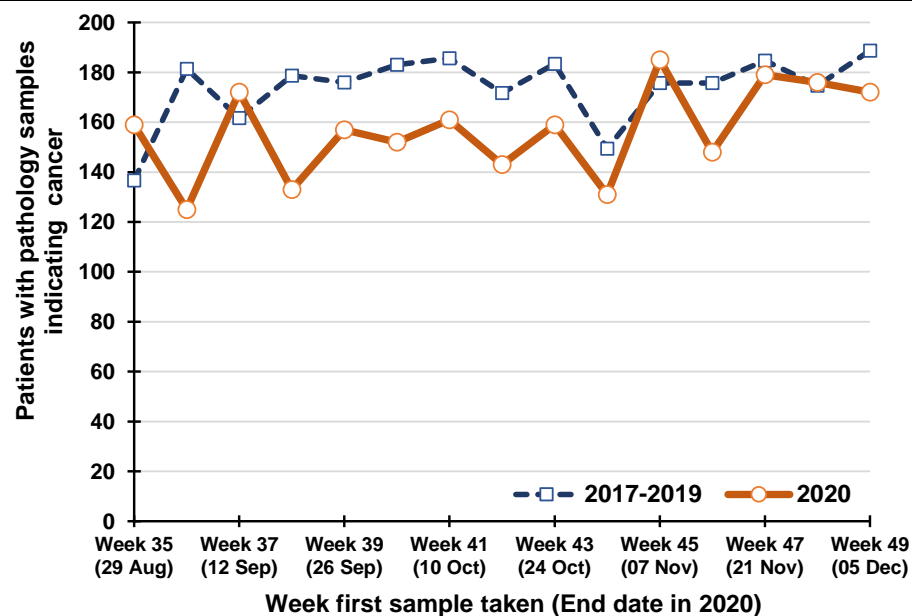
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



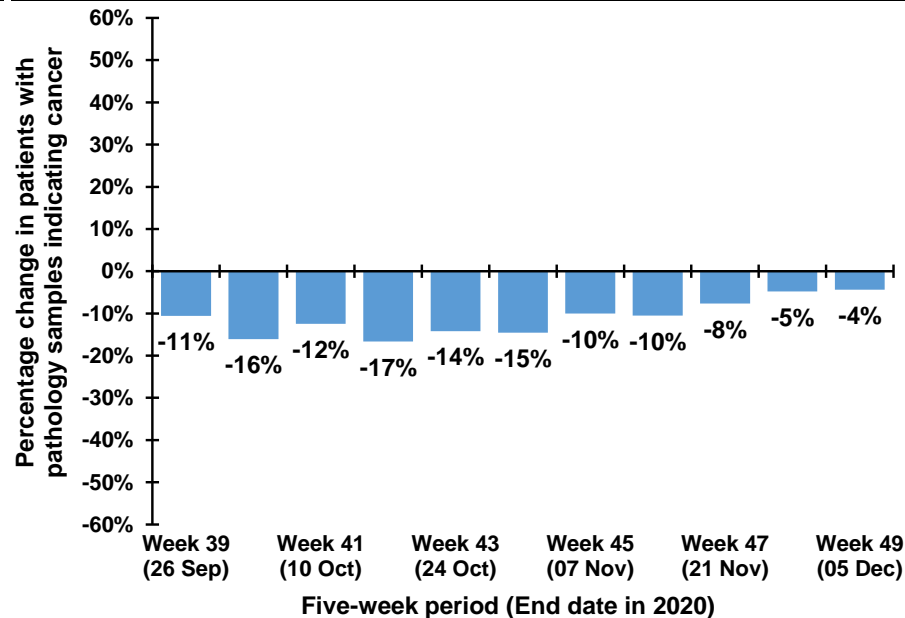
Patients with pathology samples indicating cancer by month first sample taken



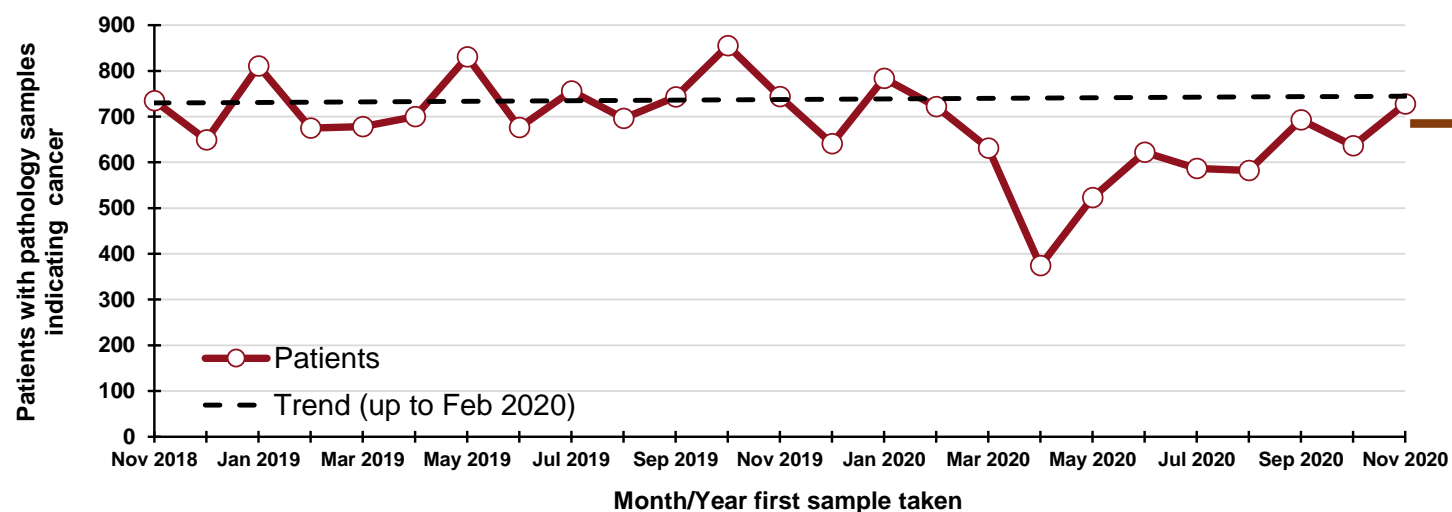
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



1,300
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	735
Dec 2018	649
Jan 2019	811
Feb 2019	675
Mar 2019	678
Apr 2019	700
May 2019	831
Jun 2019	676
Jul 2019	756
Aug 2019	696
Sep 2019	743
Oct 2019	855
Nov 2019	744
Dec 2019	641
Jan 2020	784
Feb 2020	722
Mar 2020	631
Apr 2020	374
May 2020	523
Jun 2020	622
Jul 2020	587
Aug 2020	582
Sep 2020	693
Oct 2020	636
Nov 2020	728

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	720	693	-4%
Oct	809	636	-21%
Nov	755	728	-4%
Dec*	197	132	-33%

* Part only - Up to week 49

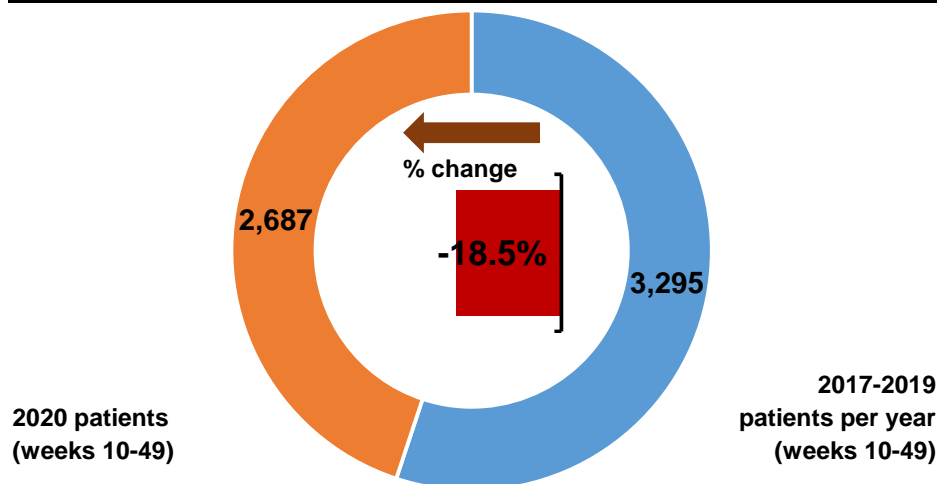
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	137	159			
Week 36 (05 Sep)	181	125			
Week 37 (12 Sep)	162	172			
Week 38 (19 Sep)	179	133			
Week 39 (26 Sep)	176	157	834	746	-11%
Week 40 (03 Oct)	183	152	881	739	-16%
Week 41 (10 Oct)	186	161	885	775	-12%
Week 42 (17 Oct)	172	143	895	746	-17%
Week 43 (24 Oct)	183	159	900	772	-14%
Week 44 (31 Oct)	149	131	873	746	-15%
Week 45 (07 Nov)	176	185	866	779	-10%
Week 46 (14 Nov)	176	148	856	766	-10%
Week 47 (21 Nov)	185	179	869	802	-8%
Week 48 (28 Nov)	175	176	860	819	-5%
Week 49 (05 Dec)	189	172	899	860	-4%

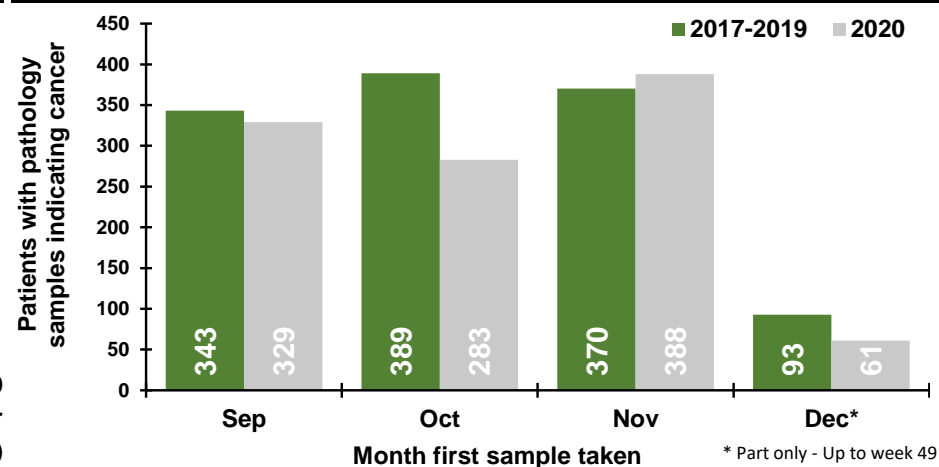
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Males

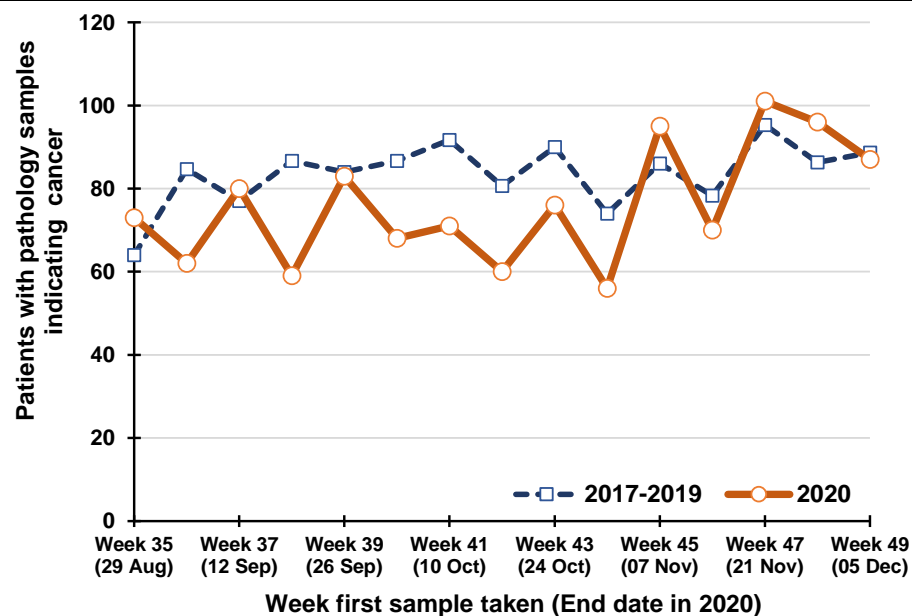
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



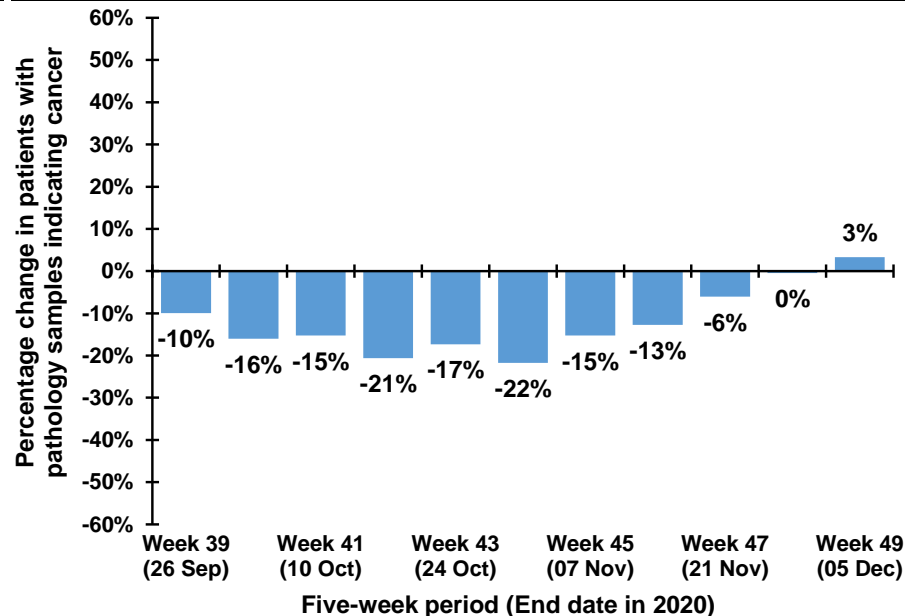
Patients with pathology samples indicating cancer by month first sample taken



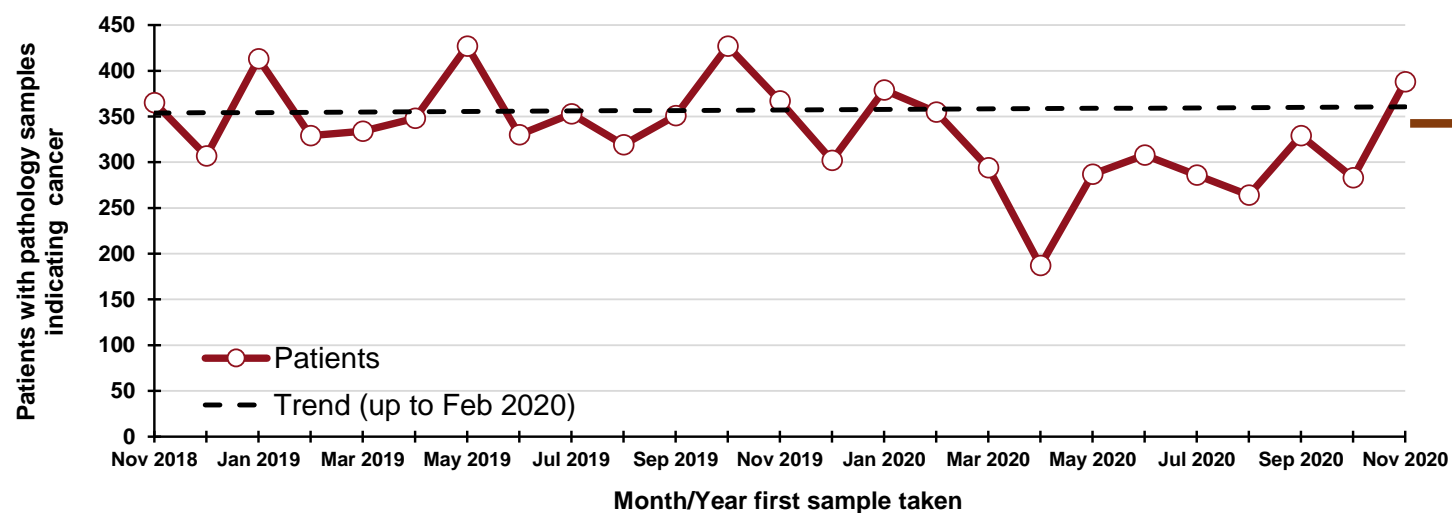
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



610
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	365
Dec 2018	307
Jan 2019	413
Feb 2019	329
Mar 2019	334
Apr 2019	348
May 2019	427
Jun 2019	330
Jul 2019	353
Aug 2019	319
Sep 2019	351
Oct 2019	427
Nov 2019	367
Dec 2019	302
Jan 2020	379
Feb 2020	355
Mar 2020	294
Apr 2020	187
May 2020	287
Jun 2020	308
Jul 2020	286
Aug 2020	264
Sep 2020	329
Oct 2020	283
Nov 2020	388

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	343	329	-4%
Oct	389	283	-27%
Nov	370	388	5%
Dec*	93	61	-34%

* Part only - Up to week 49

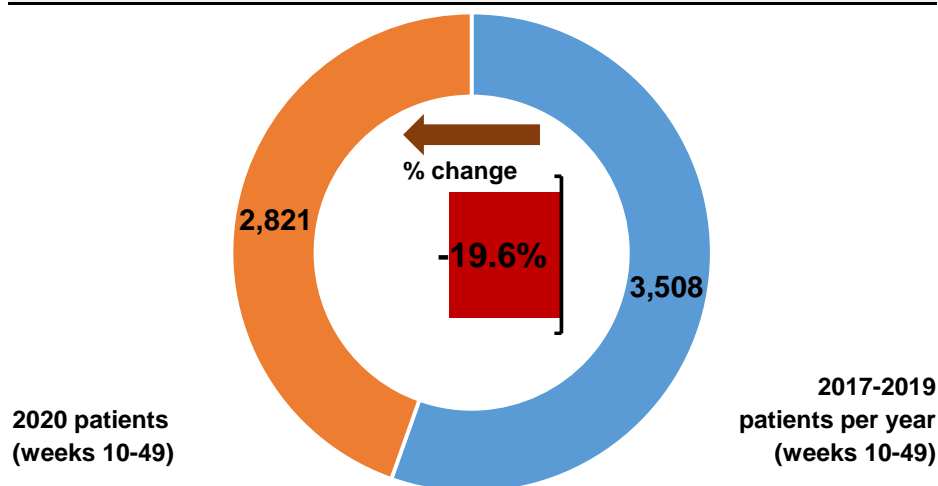
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	64	73			
Week 36 (05 Sep)	85	62			
Week 37 (12 Sep)	77	80			
Week 38 (19 Sep)	87	59			
Week 39 (26 Sep)	84	83	396	357	-10%
Week 40 (03 Oct)	87	68	419	352	-16%
Week 41 (10 Oct)	92	71	426	361	-15%
Week 42 (17 Oct)	81	60	430	341	-21%
Week 43 (24 Oct)	90	76	433	358	-17%
Week 44 (31 Oct)	74	56	423	331	-22%
Week 45 (07 Nov)	86	95	422	358	-15%
Week 46 (14 Nov)	78	70	409	357	-13%
Week 47 (21 Nov)	95	101	424	398	-6%
Week 48 (28 Nov)	86	96	420	418	0%
Week 49 (05 Dec)	89	87	435	449	3%

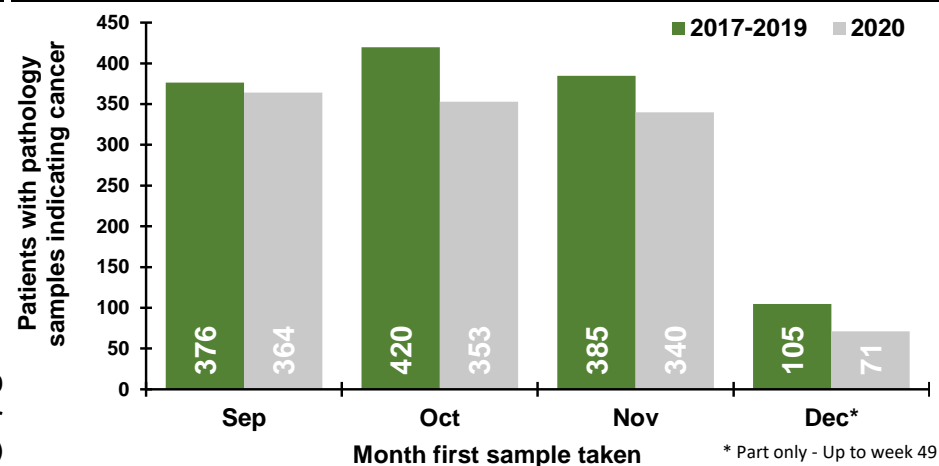
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Females

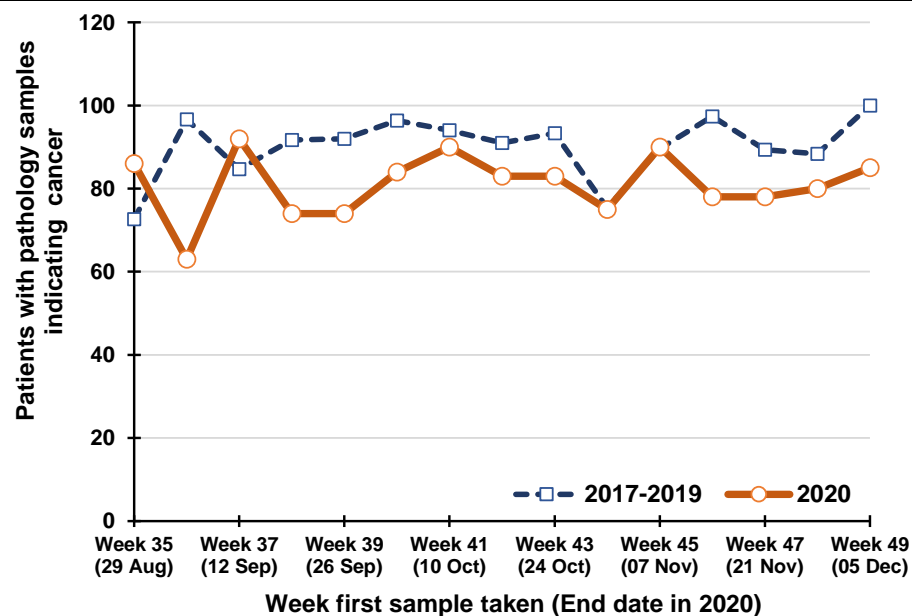
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



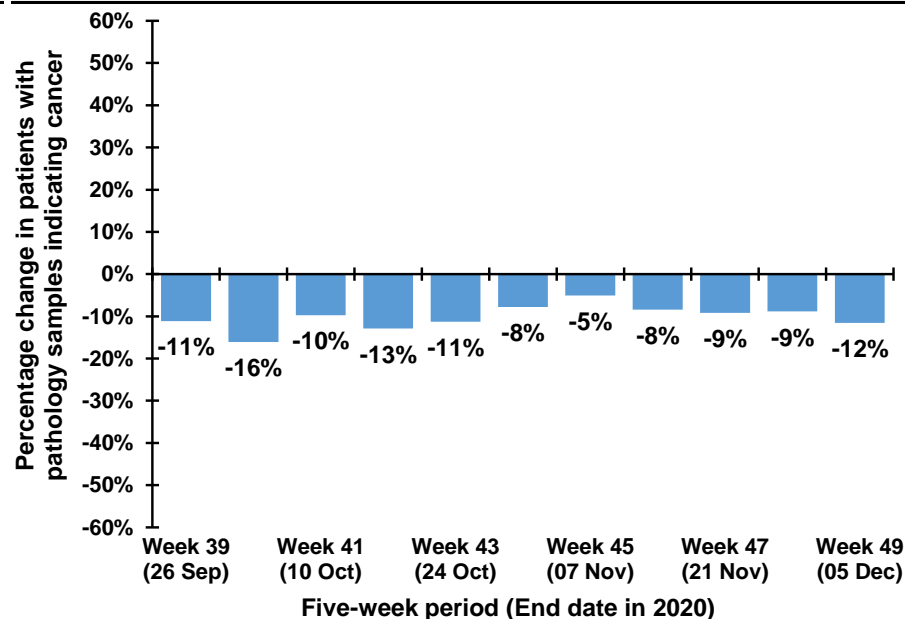
Patients with pathology samples indicating cancer by month first sample taken



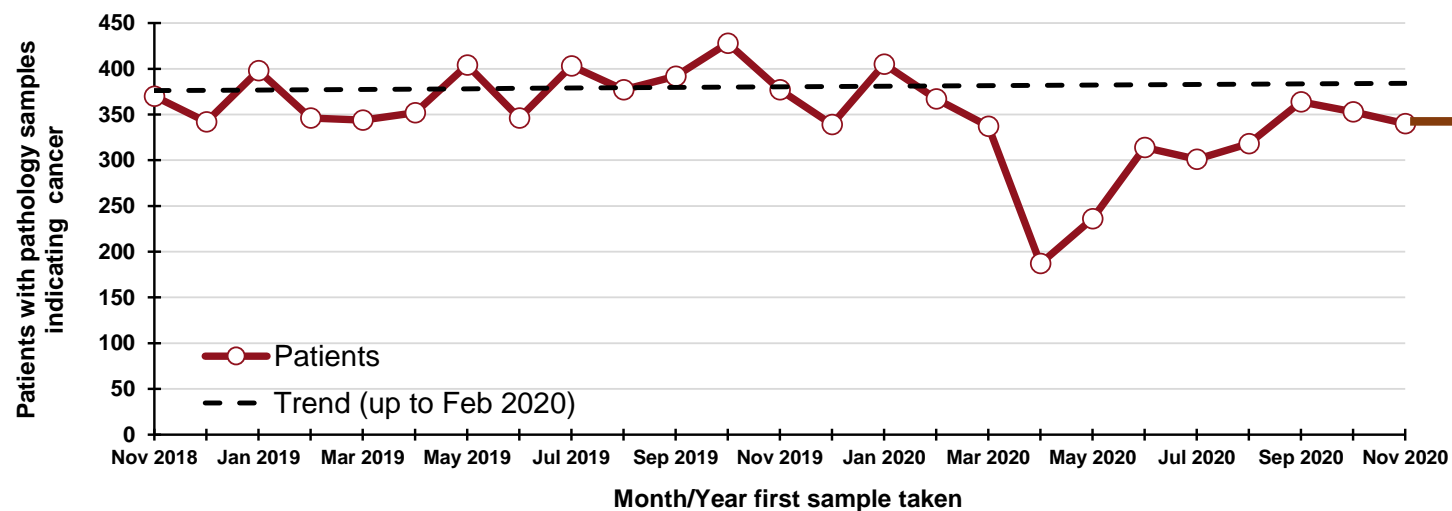
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



690
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	370
Dec 2018	342
Jan 2019	398
Feb 2019	346
Mar 2019	344
Apr 2019	352
May 2019	404
Jun 2019	346
Jul 2019	403
Aug 2019	377
Sep 2019	392
Oct 2019	428
Nov 2019	377
Dec 2019	339
Jan 2020	405
Feb 2020	367
Mar 2020	337
Apr 2020	187
May 2020	236
Jun 2020	314
Jul 2020	301
Aug 2020	318
Sep 2020	364
Oct 2020	353
Nov 2020	340

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	376	364	-3%
Oct	420	353	-16%
Nov	385	340	-12%
Dec*	105	71	-32%

* Part only - Up to week 49

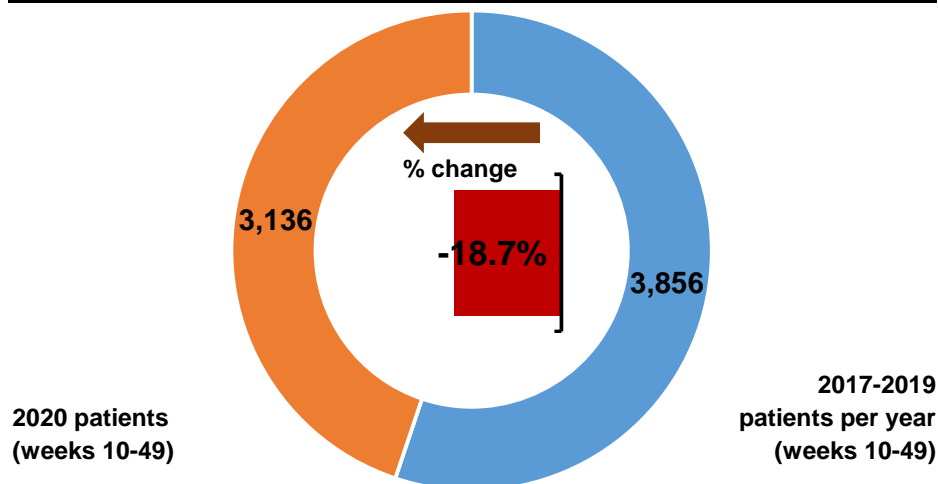
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	73	86			
Week 36 (05 Sep)	97	63			
Week 37 (12 Sep)	85	92			
Week 38 (19 Sep)	92	74			
Week 39 (26 Sep)	92	74	438	389	-11%
Week 40 (03 Oct)	96	84	461	387	-16%
Week 41 (10 Oct)	94	90	459	414	-10%
Week 42 (17 Oct)	91	83	465	405	-13%
Week 43 (24 Oct)	93	83	467	414	-11%
Week 44 (31 Oct)	75	75	450	415	-8%
Week 45 (07 Nov)	90	90	443	421	-5%
Week 46 (14 Nov)	97	78	447	409	-8%
Week 47 (21 Nov)	89	78	445	404	-9%
Week 48 (28 Nov)	88	80	440	401	-9%
Week 49 (05 Dec)	100	85	465	411	-12%

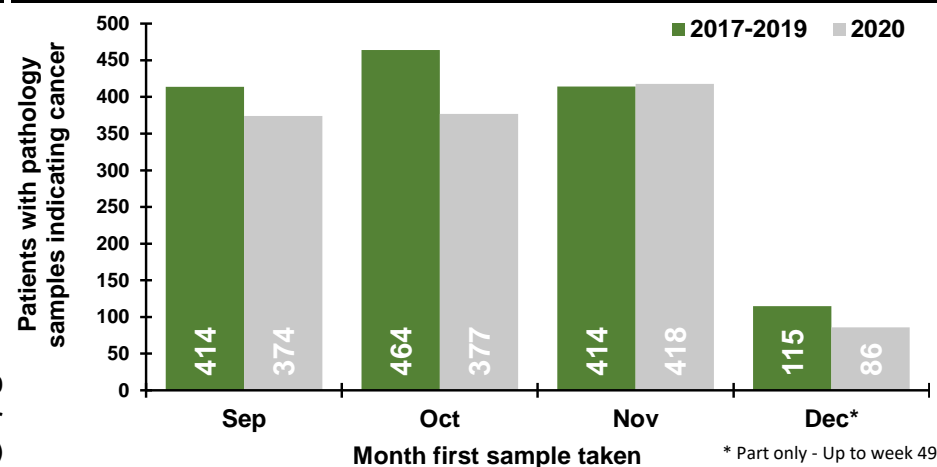
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Ages 0 to 69

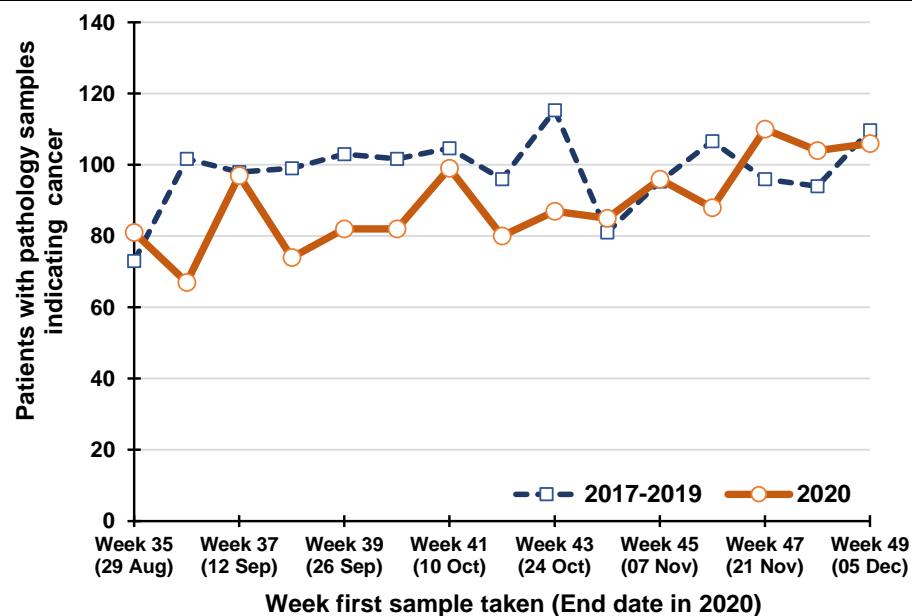
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



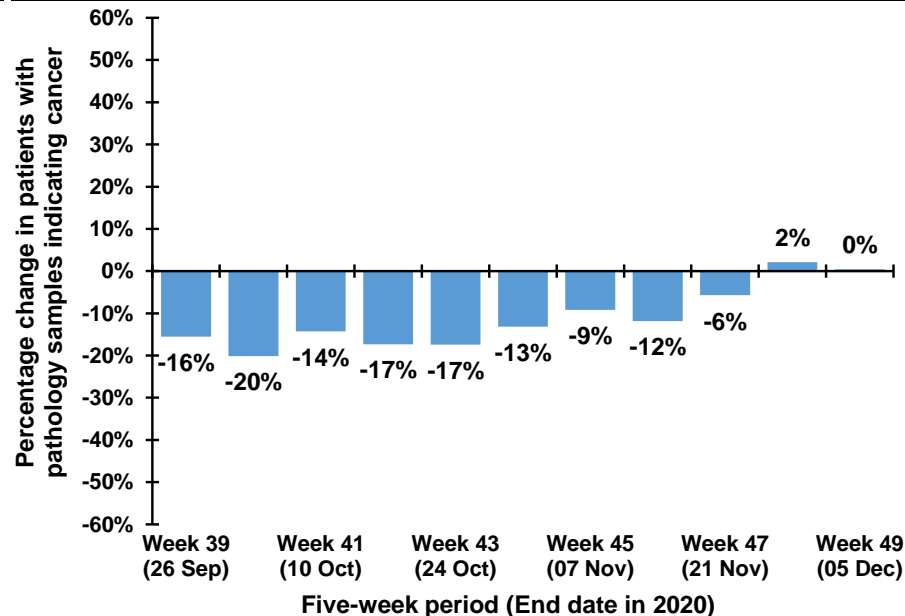
Patients with pathology samples indicating cancer by month first sample taken



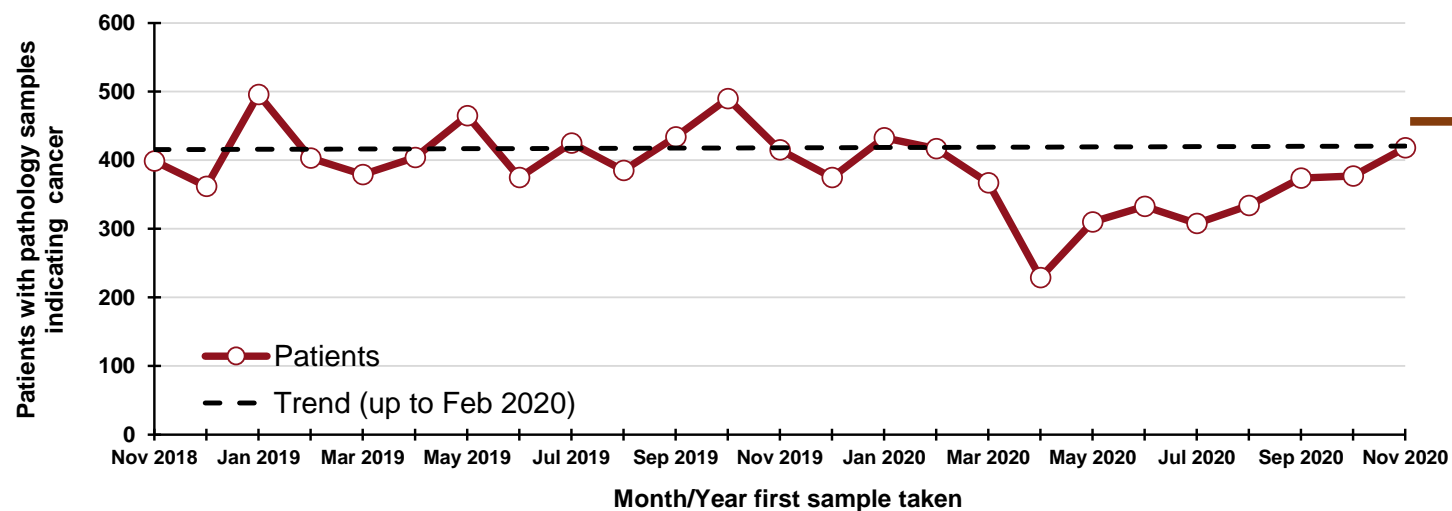
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



730
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	399
Dec 2018	362
Jan 2019	496
Feb 2019	403
Mar 2019	379
Apr 2019	404
May 2019	465
Jun 2019	375
Jul 2019	425
Aug 2019	385
Sep 2019	434
Oct 2019	490
Nov 2019	415
Dec 2019	375
Jan 2020	433
Feb 2020	417
Mar 2020	367
Apr 2020	229
May 2020	310
Jun 2020	333
Jul 2020	308
Aug 2020	334
Sep 2020	374
Oct 2020	377
Nov 2020	418

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	414	374	-10%
Oct	464	377	-19%
Nov	414	418	1%
Dec*	115	86	-25%

* Part only - Up to week 49

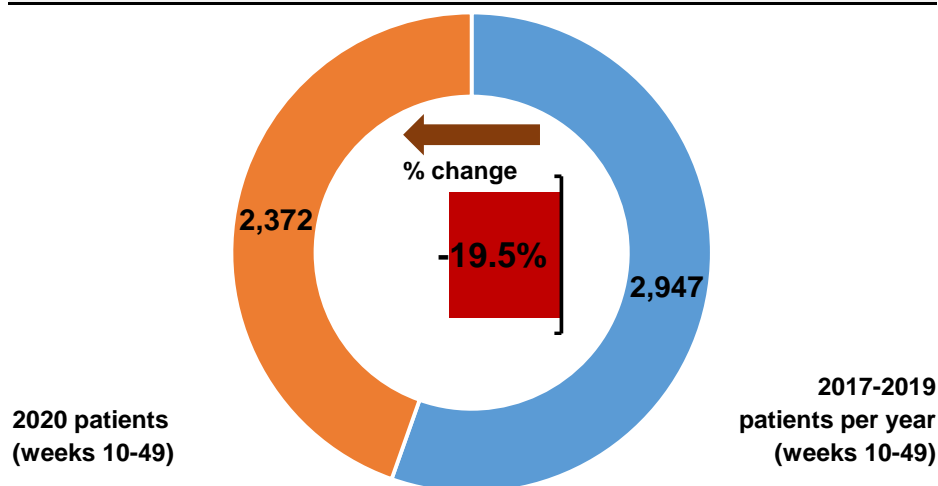
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	73	81			
Week 36 (05 Sep)	102	67			
Week 37 (12 Sep)	98	97			
Week 38 (19 Sep)	99	74			
Week 39 (26 Sep)	103	82	475	401	-16%
Week 40 (03 Oct)	102	82	503	402	-20%
Week 41 (10 Oct)	105	99	506	434	-14%
Week 42 (17 Oct)	96	80	504	417	-17%
Week 43 (24 Oct)	115	87	521	430	-17%
Week 44 (31 Oct)	81	85	499	433	-13%
Week 45 (07 Nov)	95	96	492	447	-9%
Week 46 (14 Nov)	107	88	494	436	-12%
Week 47 (21 Nov)	96	110	494	466	-6%
Week 48 (28 Nov)	94	104	473	483	2%
Week 49 (05 Dec)	110	106	502	504	0%

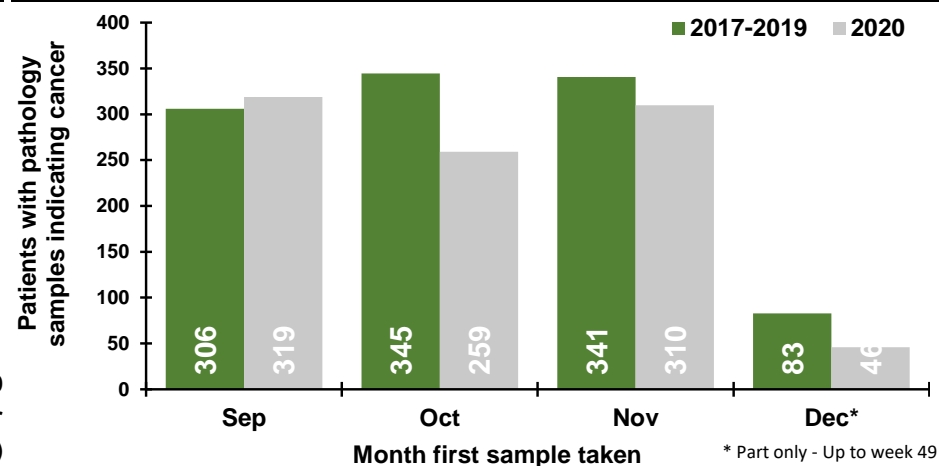
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Ages 70 and over

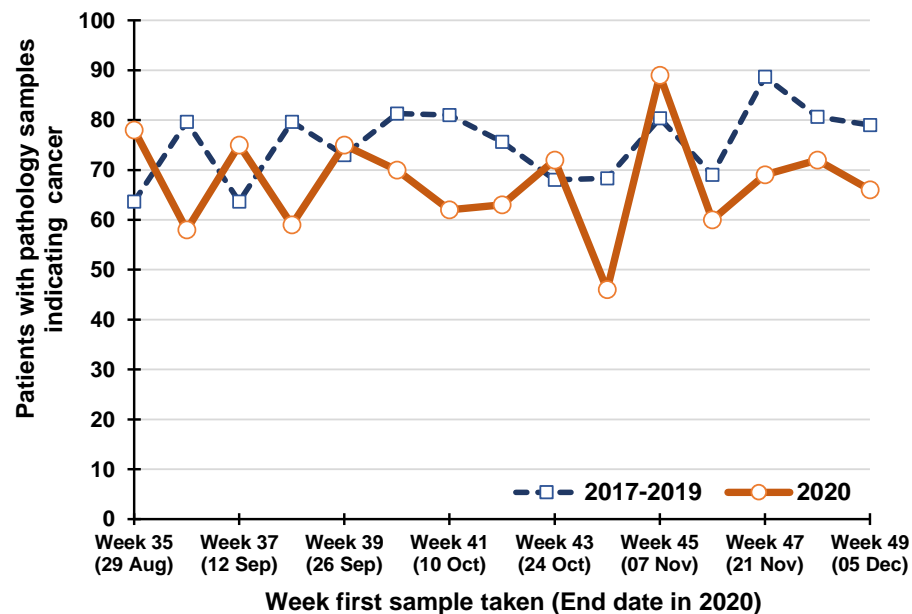
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



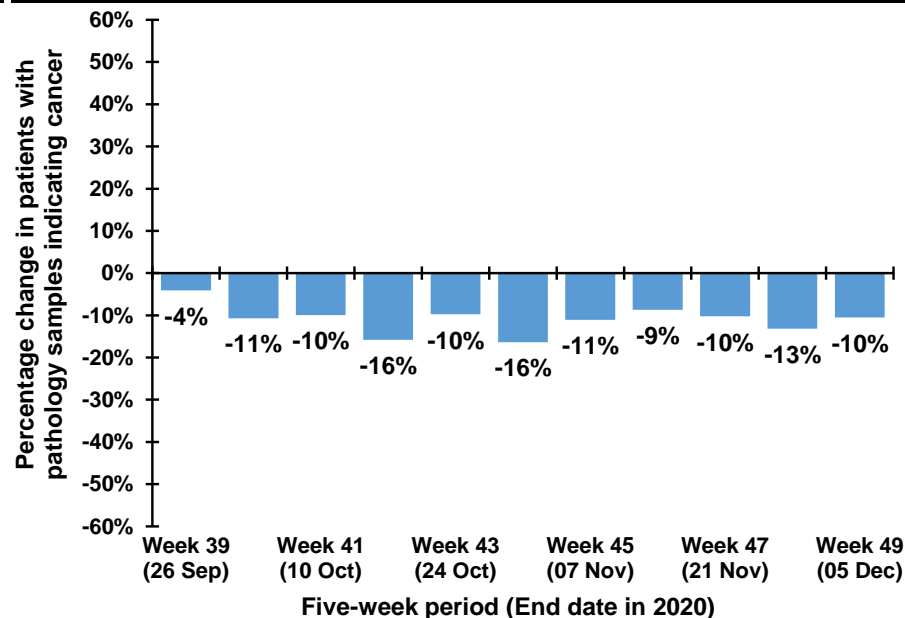
Patients with pathology samples indicating cancer by month first sample taken



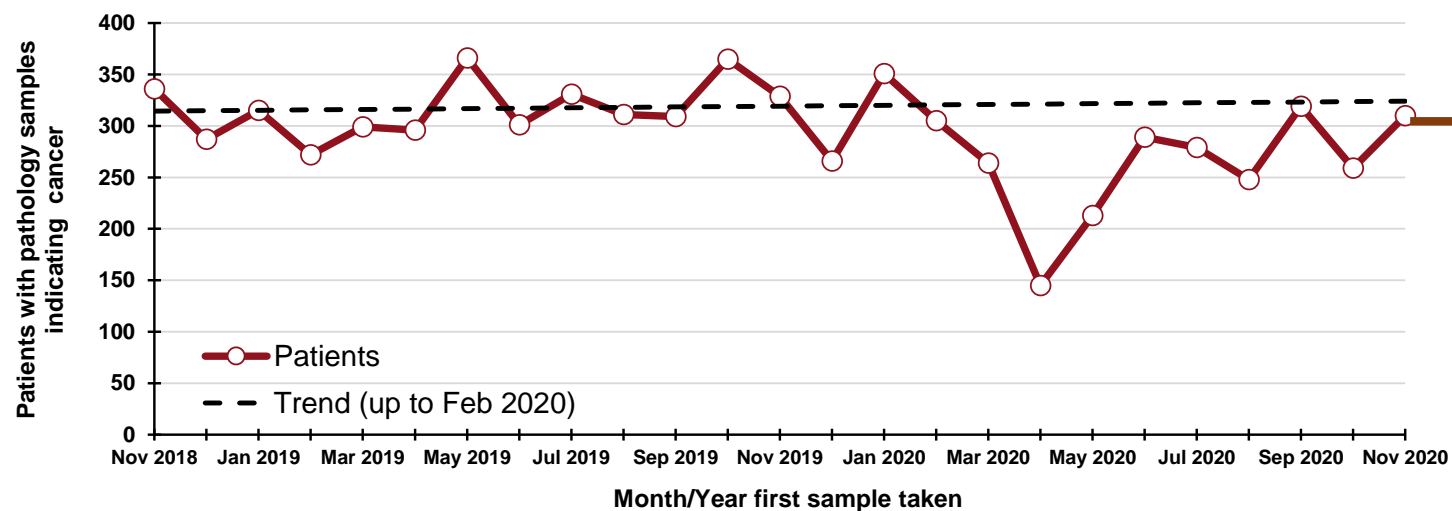
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



580
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	336
Dec 2018	287
Jan 2019	315
Feb 2019	272
Mar 2019	299
Apr 2019	296
May 2019	366
Jun 2019	301
Jul 2019	331
Aug 2019	311
Sep 2019	309
Oct 2019	365
Nov 2019	329
Dec 2019	266
Jan 2020	351
Feb 2020	305
Mar 2020	264
Apr 2020	145
May 2020	213
Jun 2020	289
Jul 2020	279
Aug 2020	248
Sep 2020	319
Oct 2020	259
Nov 2020	310

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	306	319	4%
Oct	345	259	-25%
Nov	341	310	-9%
Dec*	83	46	-44%

* Part only - Up to week 49

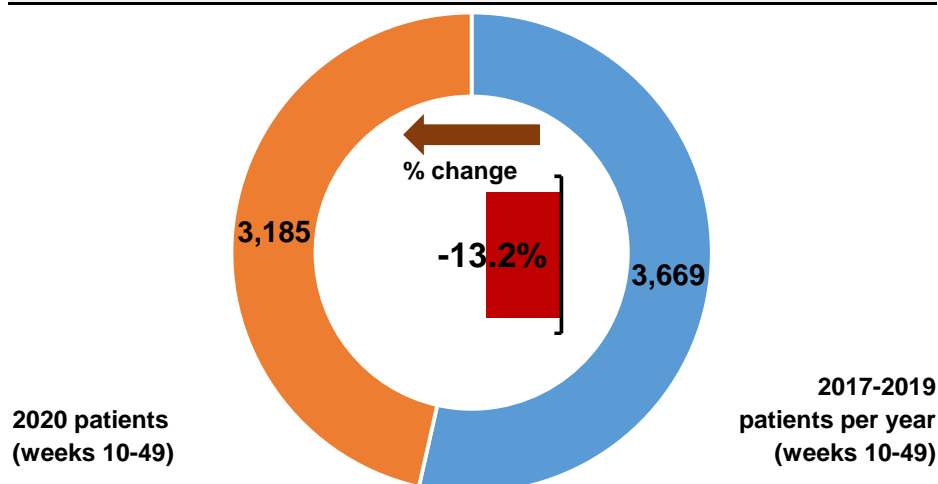
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	64	78			
Week 36 (05 Sep)	80	58			
Week 37 (12 Sep)	64	75			
Week 38 (19 Sep)	80	59			
Week 39 (26 Sep)	73	75	360	345	-4%
Week 40 (03 Oct)	81	70	377	337	-11%
Week 41 (10 Oct)	81	62	379	341	-10%
Week 42 (17 Oct)	76	63	391	329	-16%
Week 43 (24 Oct)	68	72	379	342	-10%
Week 44 (31 Oct)	68	46	374	313	-16%
Week 45 (07 Nov)	80	89	373	332	-11%
Week 46 (14 Nov)	69	60	361	330	-9%
Week 47 (21 Nov)	89	69	374	336	-10%
Week 48 (28 Nov)	81	72	387	336	-13%
Week 49 (05 Dec)	79	66	398	356	-10%

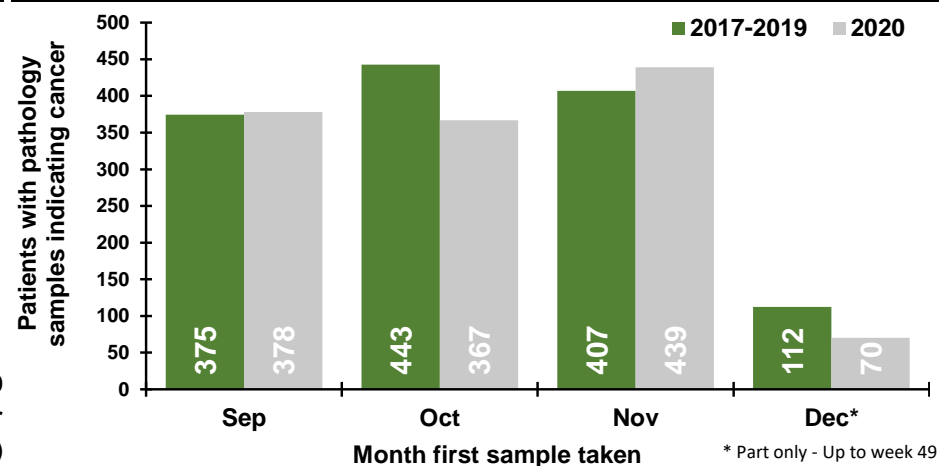
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Belfast laboratory

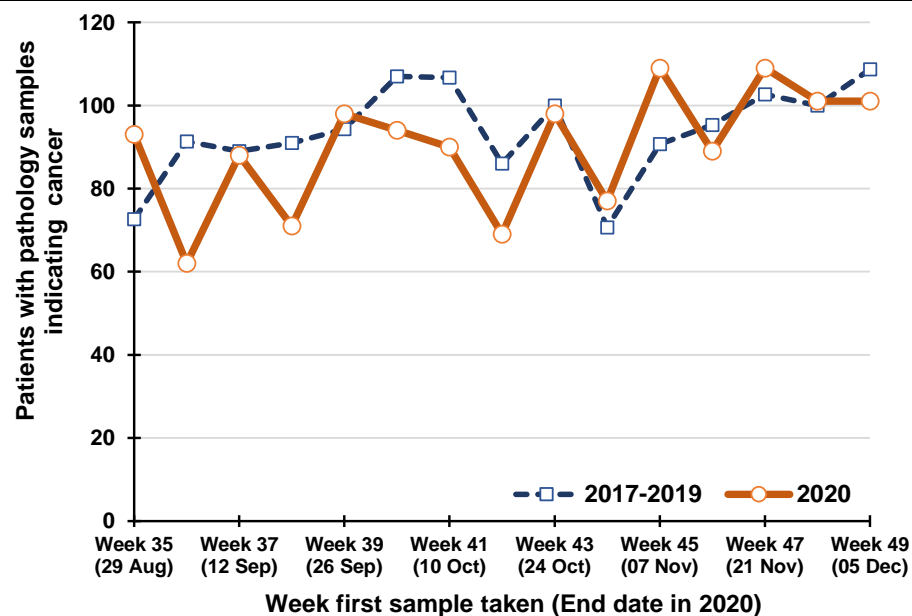
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



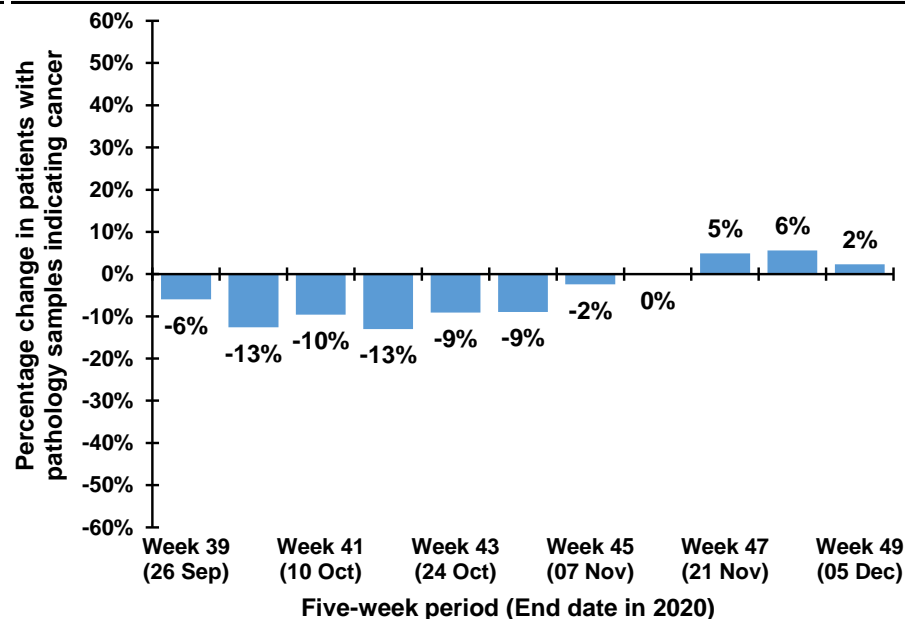
Patients with pathology samples indicating cancer by month first sample taken



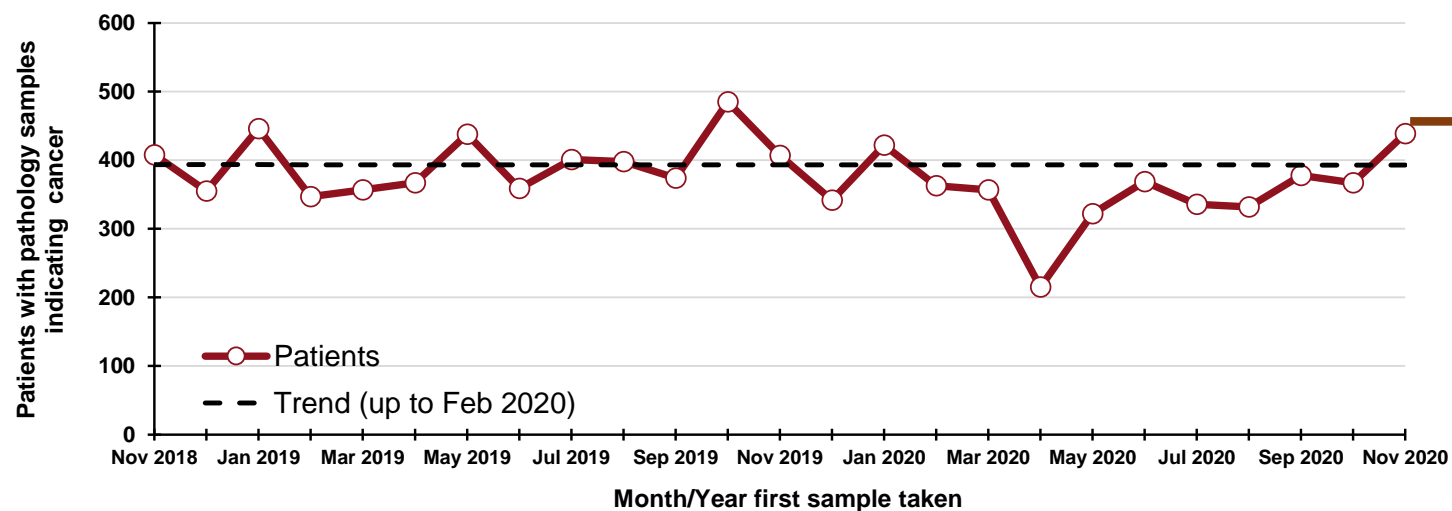
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



420
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	408
Dec 2018	355
Jan 2019	446
Feb 2019	347
Mar 2019	357
Apr 2019	367
May 2019	438
Jun 2019	359
Jul 2019	401
Aug 2019	398
Sep 2019	374
Oct 2019	485
Nov 2019	407
Dec 2019	342
Jan 2020	422
Feb 2020	363
Mar 2020	357
Apr 2020	215
May 2020	322
Jun 2020	369
Jul 2020	336
Aug 2020	332
Sep 2020	378
Oct 2020	367
Nov 2020	439

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	375	378	1%
Oct	443	367	-17%
Nov	407	439	8%
Dec*	112	70	-38%

* Part only - Up to week 49

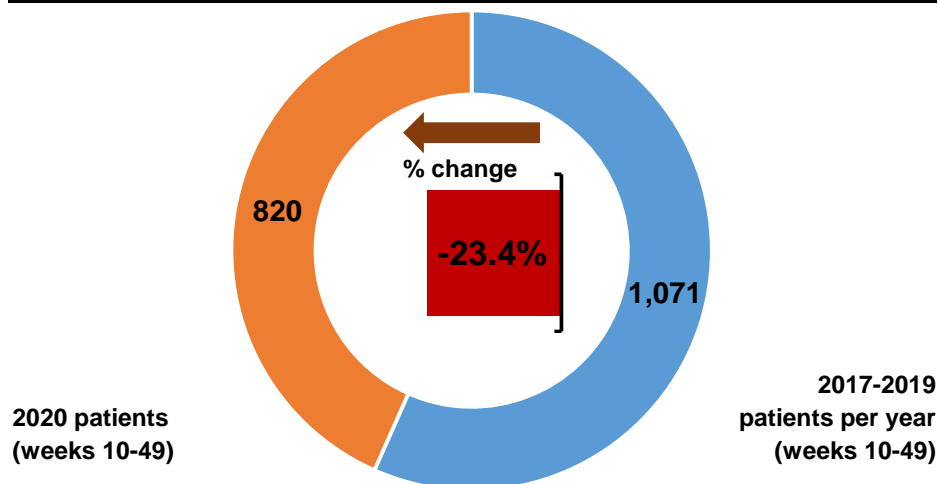
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	73	93			
Week 36 (05 Sep)	91	62			
Week 37 (12 Sep)	89	88			
Week 38 (19 Sep)	91	71			
Week 39 (26 Sep)	94	98	438	412	-6%
Week 40 (03 Oct)	107	94	473	413	-13%
Week 41 (10 Oct)	107	90	488	441	-10%
Week 42 (17 Oct)	86	69	485	422	-13%
Week 43 (24 Oct)	100	98	494	449	-9%
Week 44 (31 Oct)	71	77	470	428	-9%
Week 45 (07 Nov)	91	109	454	443	-2%
Week 46 (14 Nov)	95	89	443	442	0%
Week 47 (21 Nov)	103	109	459	482	5%
Week 48 (28 Nov)	100	101	459	485	6%
Week 49 (05 Dec)	109	101	497	509	2%

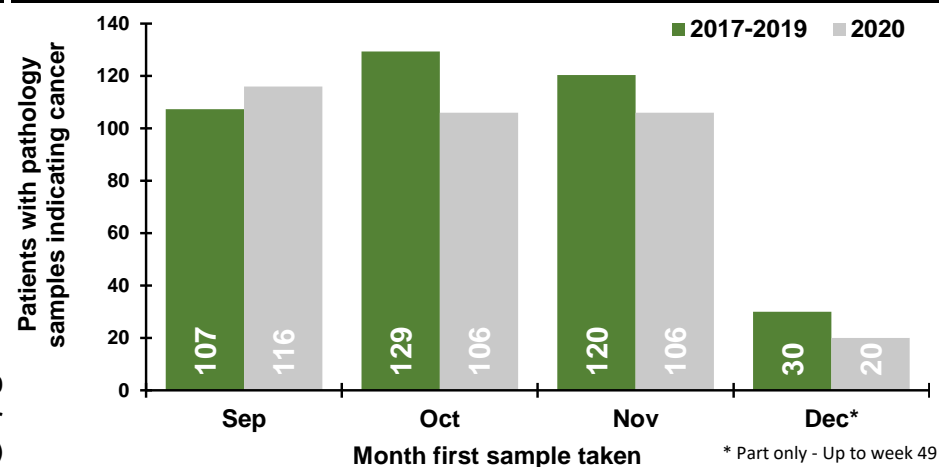
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Altnagelvin laboratory

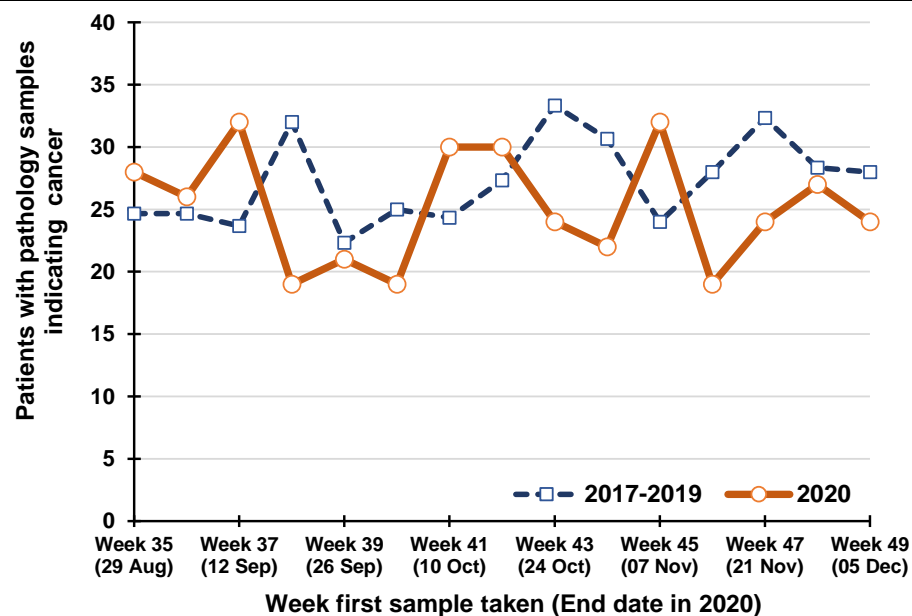
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



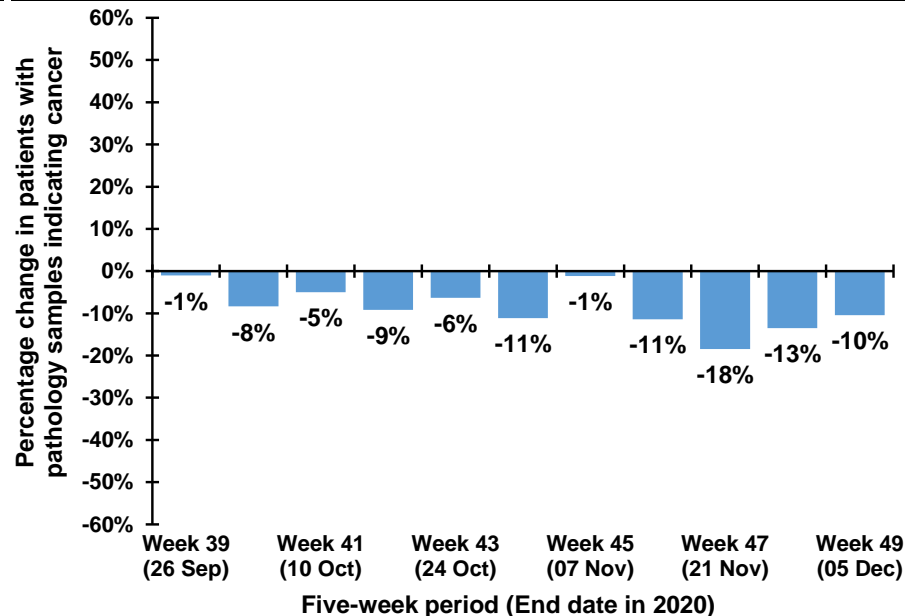
Patients with pathology samples indicating cancer by month first sample taken



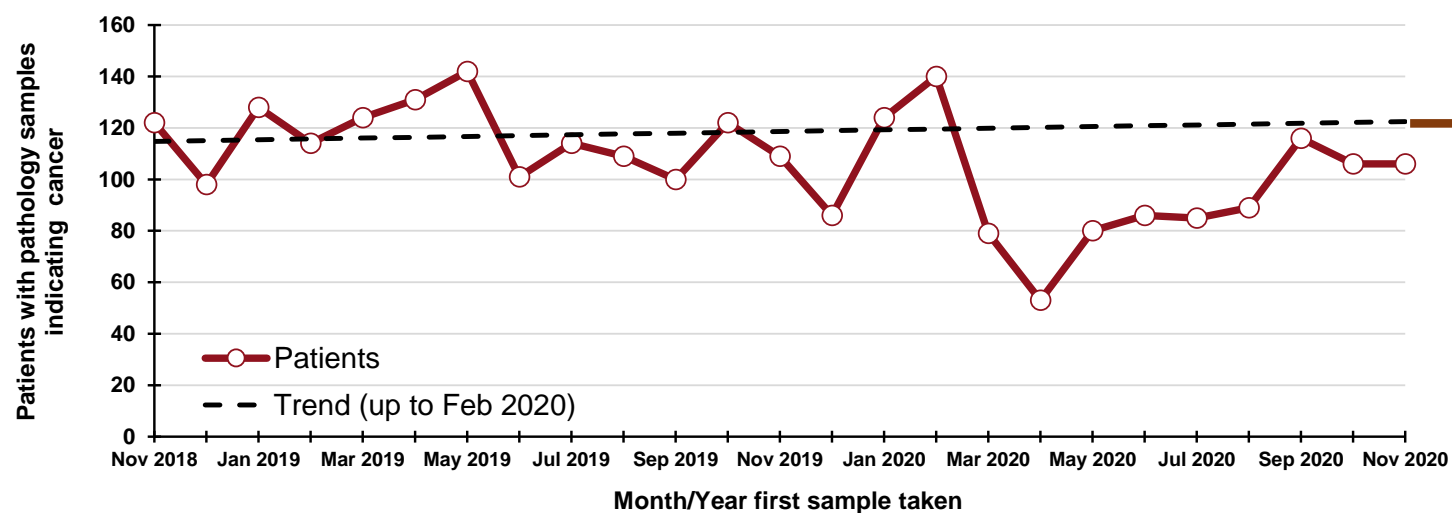
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	122
Dec 2018	98
Jan 2019	128
Feb 2019	114
Mar 2019	124
Apr 2019	131
May 2019	142
Jun 2019	101
Jul 2019	114
Aug 2019	109
Sep 2019	100
Oct 2019	122
Nov 2019	109
Dec 2019	86
Jan 2020	124
Feb 2020	140
Mar 2020	79
Apr 2020	53
May 2020	80
Jun 2020	86
Jul 2020	85
Aug 2020	89
Sep 2020	116
Oct 2020	106
Nov 2020	106

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	107	116	8%
Oct	129	106	-18%
Nov	120	106	-12%
Dec*	30	20	-33%

* Part only - Up to week 49

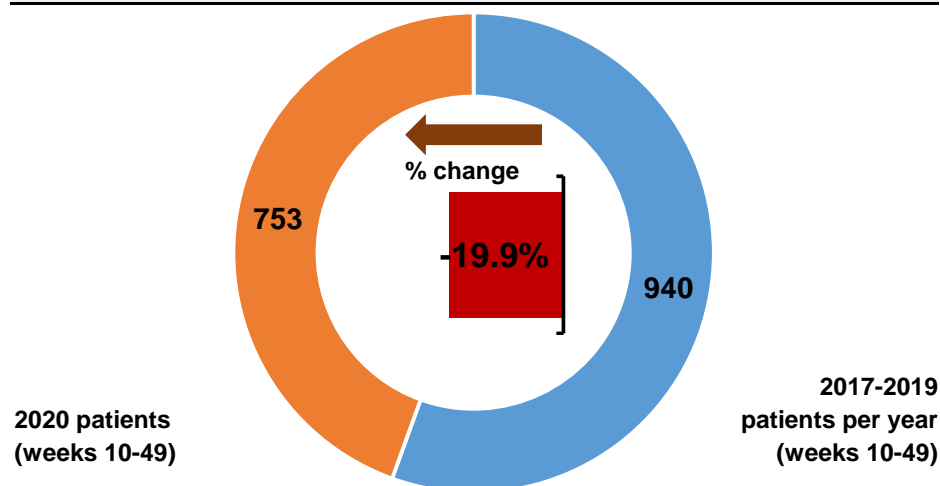
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	25	28			
Week 36 (05 Sep)	25	26			
Week 37 (12 Sep)	24	32			
Week 38 (19 Sep)	32	19			
Week 39 (26 Sep)	22	21	127	126	-1%
Week 40 (03 Oct)	25	19	128	117	-8%
Week 41 (10 Oct)	24	30	127	121	-5%
Week 42 (17 Oct)	27	30	131	119	-9%
Week 43 (24 Oct)	33	24	132	124	-6%
Week 44 (31 Oct)	31	22	141	125	-11%
Week 45 (07 Nov)	24	32	140	138	-1%
Week 46 (14 Nov)	28	19	143	127	-11%
Week 47 (21 Nov)	32	24	148	121	-18%
Week 48 (28 Nov)	28	27	143	124	-13%
Week 49 (05 Dec)	28	24	141	126	-10%

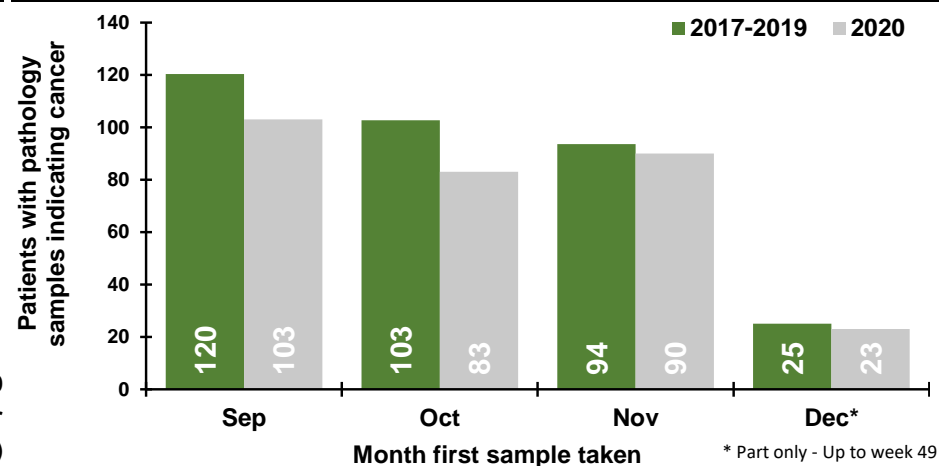
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Antrim laboratory

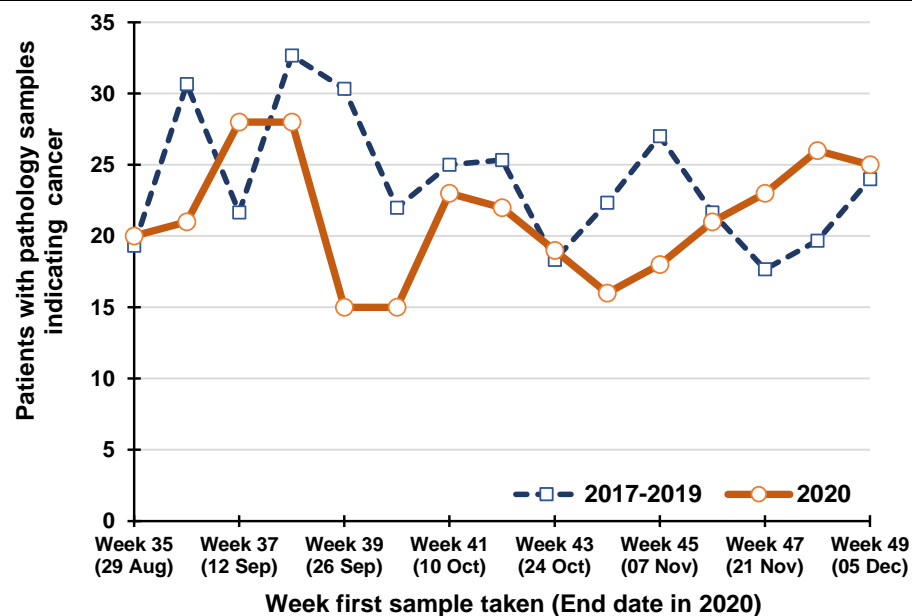
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



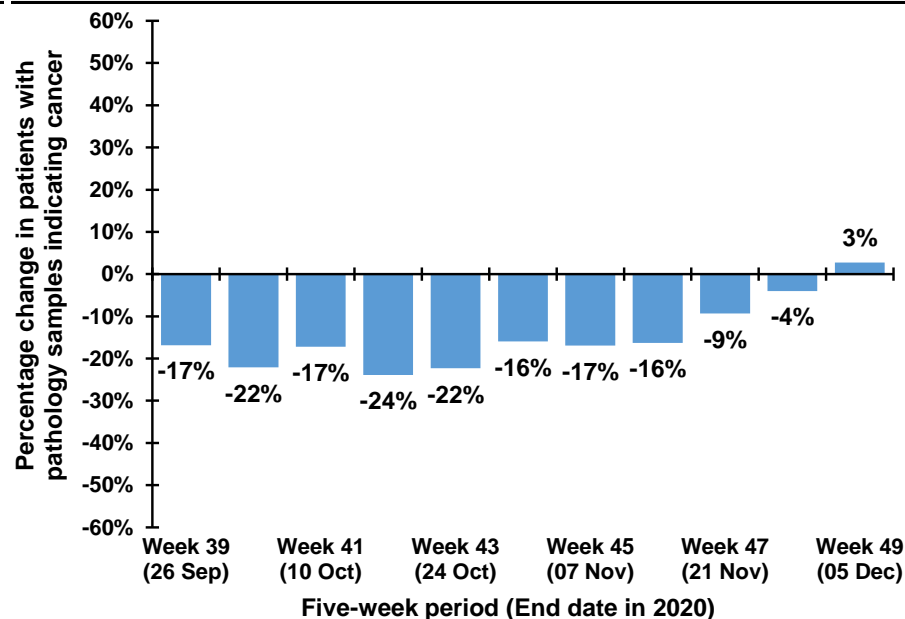
Patients with pathology samples indicating cancer by month first sample taken



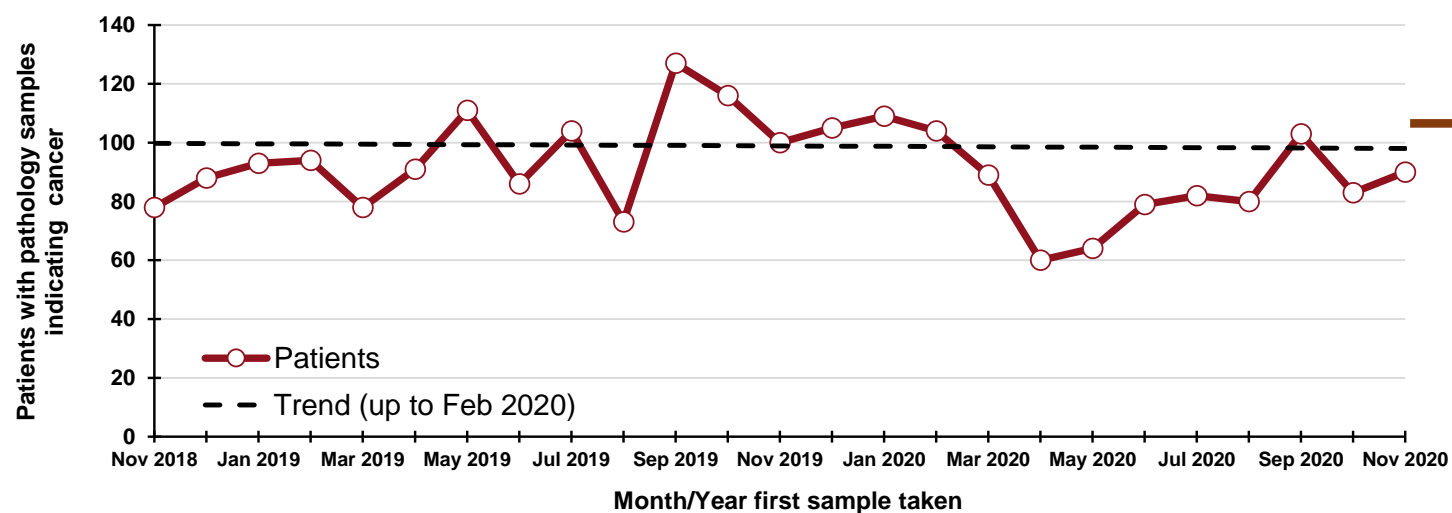
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	78
Dec 2018	88
Jan 2019	93
Feb 2019	94
Mar 2019	78
Apr 2019	91
May 2019	111
Jun 2019	86
Jul 2019	104
Aug 2019	73
Sep 2019	127
Oct 2019	116
Nov 2019	100
Dec 2019	105
Jan 2020	109
Feb 2020	104
Mar 2020	89
Apr 2020	60
May 2020	64
Jun 2020	79
Jul 2020	82
Aug 2020	80
Sep 2020	103
Oct 2020	83
Nov 2020	90

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	120	103	-14%
Oct	103	83	-19%
Nov	94	90	-4%
Dec*	25	23	-8%

* Part only - Up to week 49

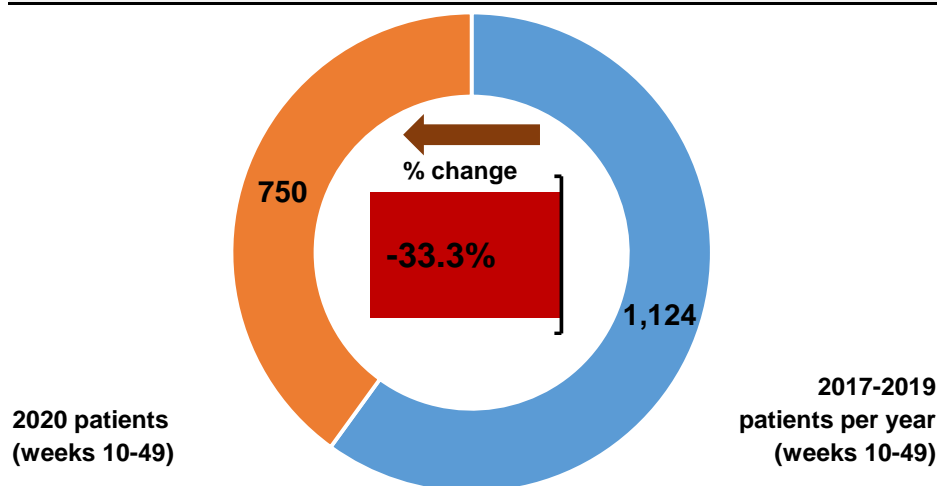
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	19	20			
Week 36 (05 Sep)	31	21			
Week 37 (12 Sep)	22	28			
Week 38 (19 Sep)	33	28			
Week 39 (26 Sep)	30	15	135	112	-17%
Week 40 (03 Oct)	22	15	137	107	-22%
Week 41 (10 Oct)	25	23	132	109	-17%
Week 42 (17 Oct)	25	22	135	103	-24%
Week 43 (24 Oct)	18	19	121	94	-22%
Week 44 (31 Oct)	22	16	113	95	-16%
Week 45 (07 Nov)	27	18	118	98	-17%
Week 46 (14 Nov)	22	21	115	96	-16%
Week 47 (21 Nov)	18	23	107	97	-9%
Week 48 (28 Nov)	20	26	108	104	-4%
Week 49 (05 Dec)	24	25	110	113	3%

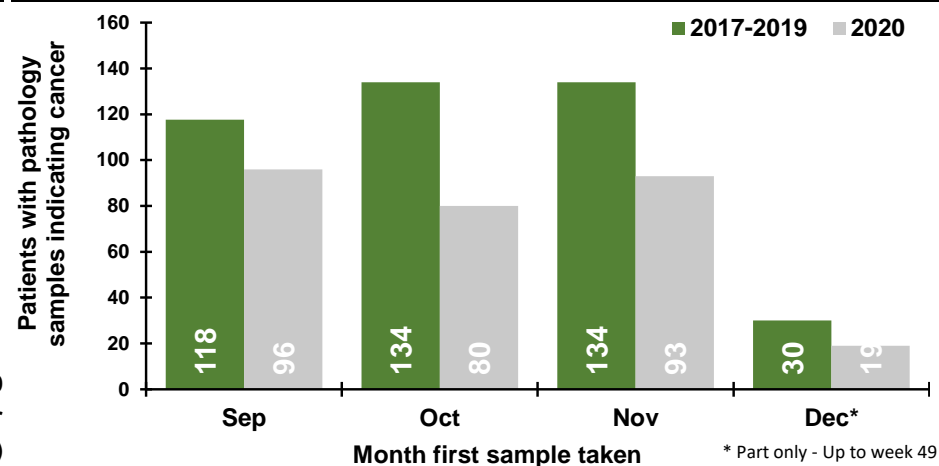
*Date week ended in 2020

Patients with pathology samples indicating cancer (ex NMSC): Craigavon laboratory

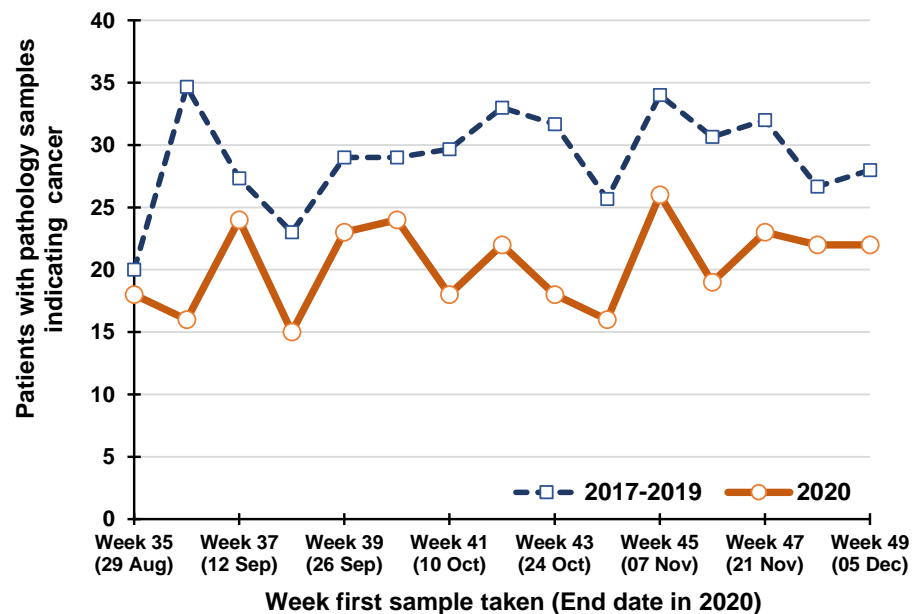
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



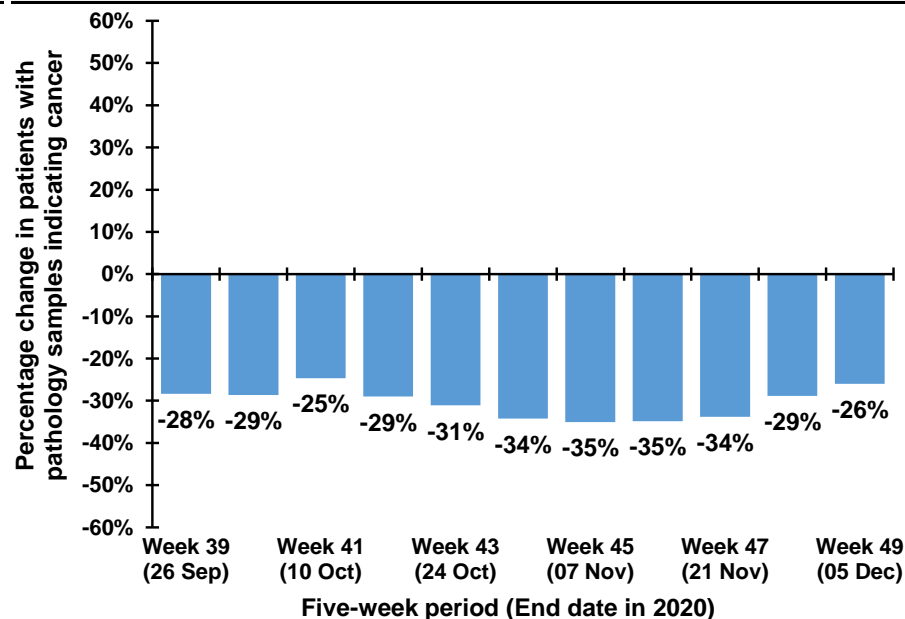
Patients with pathology samples indicating cancer by month first sample taken



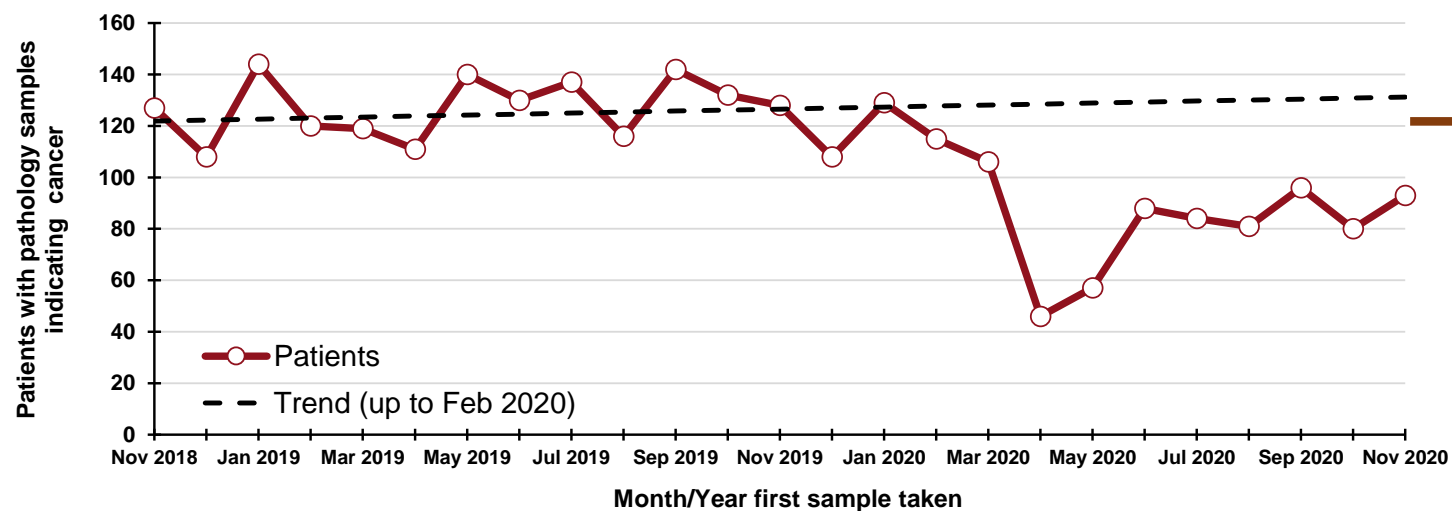
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



440
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	127
Dec 2018	108
Jan 2019	144
Feb 2019	120
Mar 2019	119
Apr 2019	111
May 2019	140
Jun 2019	130
Jul 2019	137
Aug 2019	116
Sep 2019	142
Oct 2019	132
Nov 2019	128
Dec 2019	108
Jan 2020	129
Feb 2020	115
Mar 2020	106
Apr 2020	46
May 2020	57
Jun 2020	88
Jul 2020	84
Aug 2020	81
Sep 2020	96
Oct 2020	80
Nov 2020	93

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	118	96	-18%
Oct	134	80	-40%
Nov	134	93	-31%
Dec*	30	19	-37%

* Part only - Up to week 49

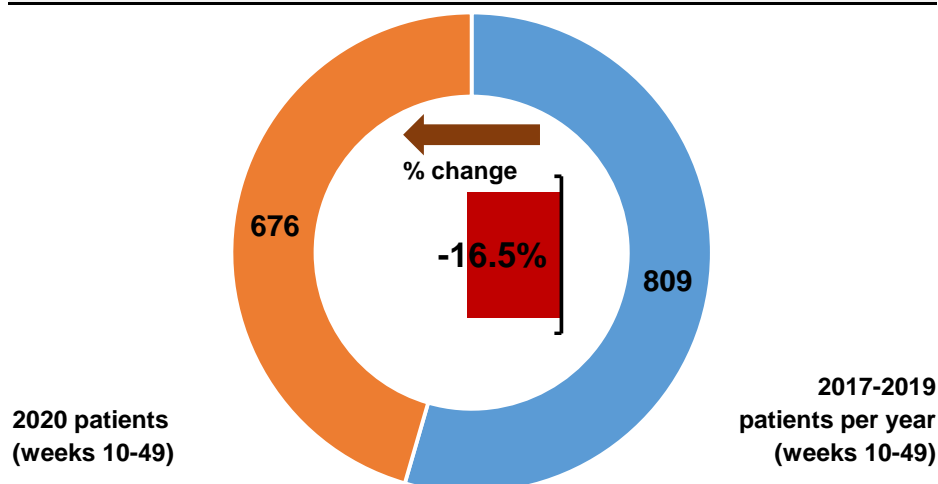
By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	20	18			
Week 36 (05 Sep)	35	16			
Week 37 (12 Sep)	27	24			
Week 38 (19 Sep)	23	15			
Week 39 (26 Sep)	29	23	134	96	-28%
Week 40 (03 Oct)	29	24	143	102	-29%
Week 41 (10 Oct)	30	18	138	104	-25%
Week 42 (17 Oct)	33	22	144	102	-29%
Week 43 (24 Oct)	32	18	152	105	-31%
Week 44 (31 Oct)	26	16	149	98	-34%
Week 45 (07 Nov)	34	26	154	100	-35%
Week 46 (14 Nov)	31	19	155	101	-35%
Week 47 (21 Nov)	32	23	154	102	-34%
Week 48 (28 Nov)	27	22	149	106	-29%
Week 49 (05 Dec)	28	22	151	112	-26%

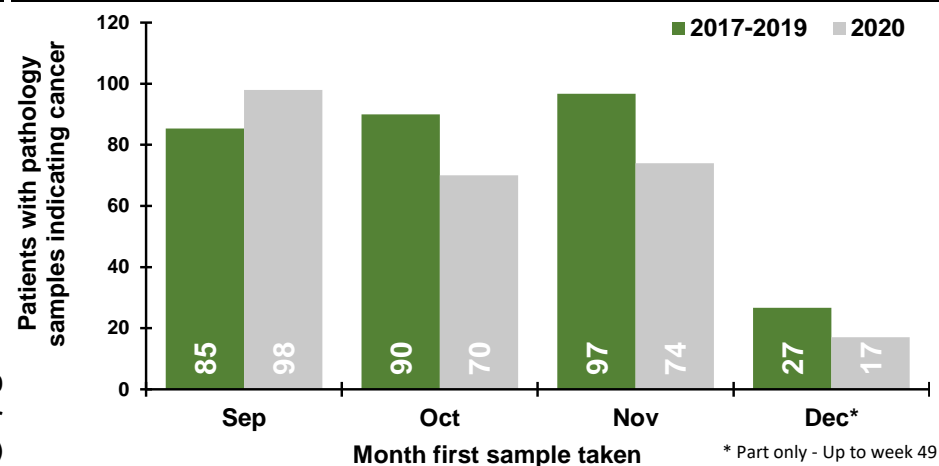
*Date week ended in 2020

Patients with pathology samples indicating bowel cancer: All persons

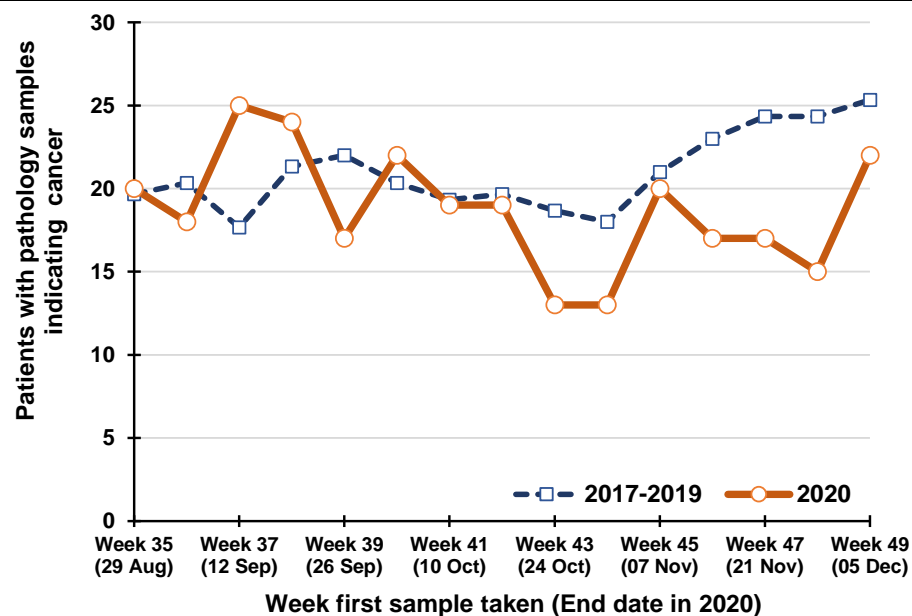
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



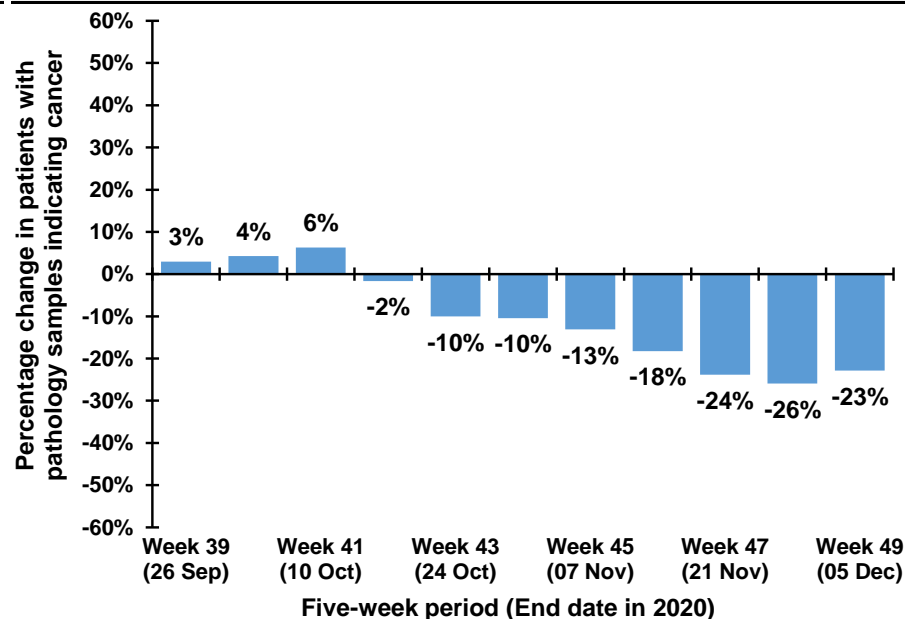
Patients with pathology samples indicating cancer by month first sample taken



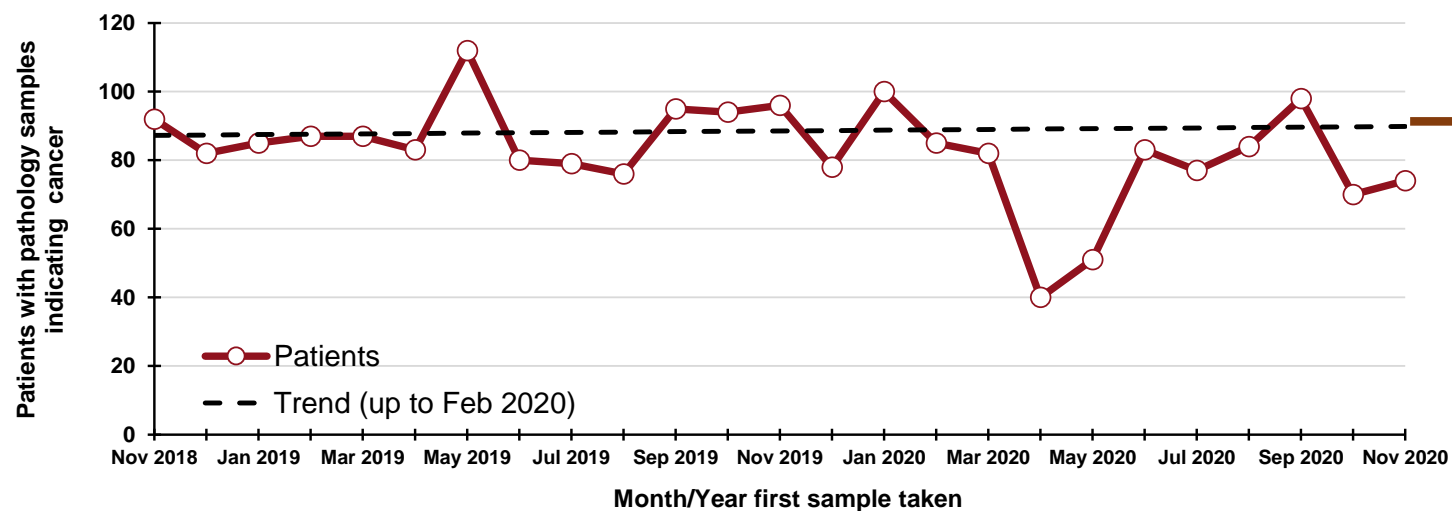
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



150
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	92
Dec 2018	82
Jan 2019	85
Feb 2019	87
Mar 2019	87
Apr 2019	83
May 2019	112
Jun 2019	80
Jul 2019	79
Aug 2019	76
Sep 2019	95
Oct 2019	94
Nov 2019	96
Dec 2019	78
Jan 2020	100
Feb 2020	85
Mar 2020	82
Apr 2020	40
May 2020	51
Jun 2020	83
Jul 2020	77
Aug 2020	84
Sep 2020	98
Oct 2020	70
Nov 2020	74

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	85	98	15%
Oct	90	70	-22%
Nov	97	74	-23%
Dec*	27	17	-36%

* Part only - Up to week 49

By week first sample taken

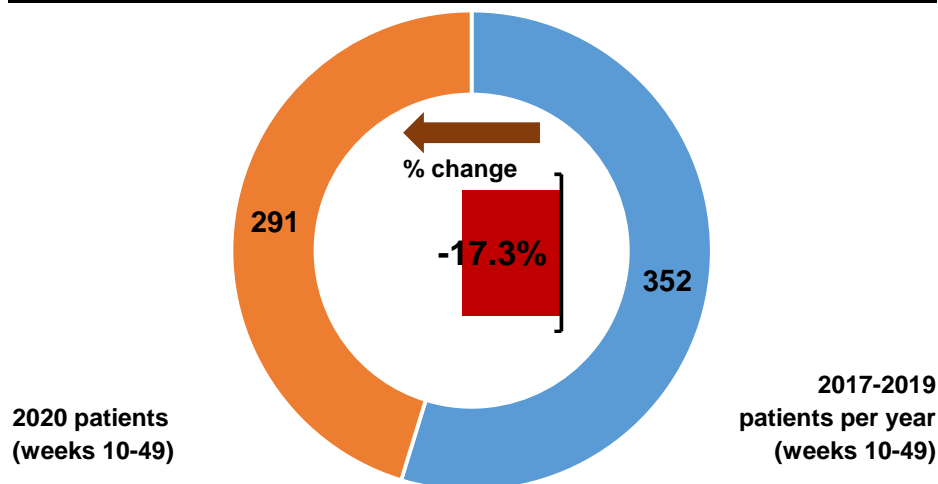
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	20	20			
Week 36 (05 Sep)	20	18			
Week 37 (12 Sep)	18	25			
Week 38 (19 Sep)	21	24			
Week 39 (26 Sep)	22	17	101	104	3%
Week 40 (03 Oct)	20	22	102	106	4%
Week 41 (10 Oct)	19	19	101	107	6%
Week 42 (17 Oct)	20	19	103	101	-2%
Week 43 (24 Oct)	19	13	100	90	-10%
Week 44 (31 Oct)	18	13	96	86	-10%
Week 45 (07 Nov)	21	20	97	84	-13%
Week 46 (14 Nov)	23	17	100	82	-18%
Week 47 (21 Nov)	24	17	105	80	-24%
Week 48 (28 Nov)	24	15	111	82	-26%
Week 49 (05 Dec)	25	22	118	91	-23%

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

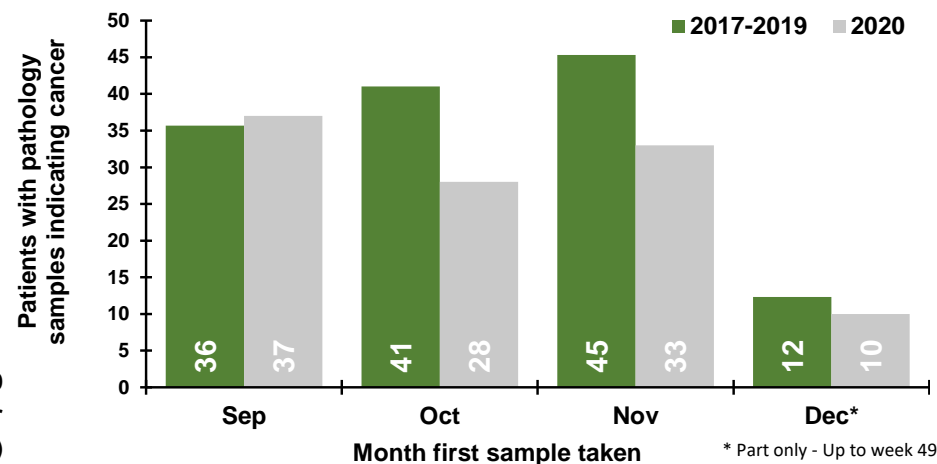
*Date week ended in 2020

Patients with pathology samples indicating bowel cancer: All persons, screening age (60-74)

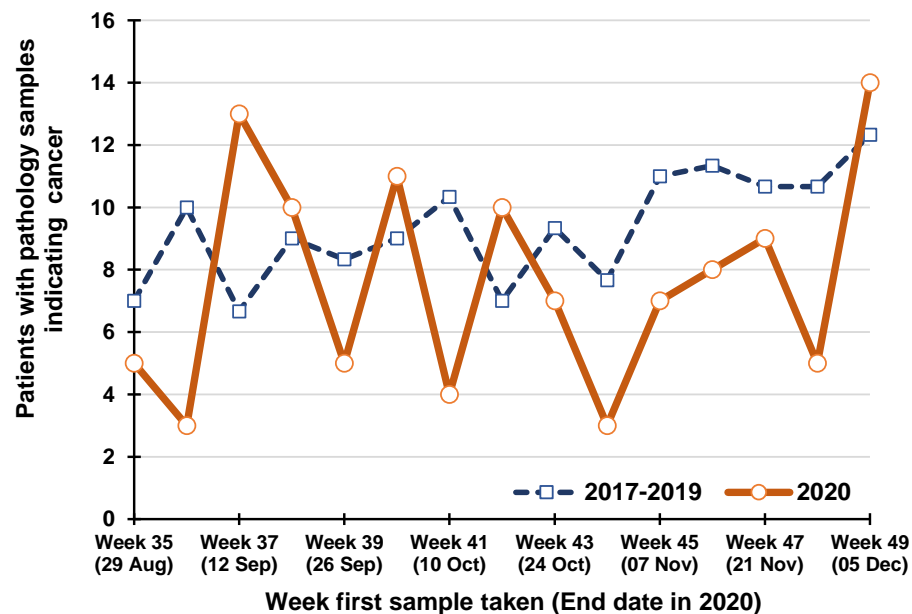
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



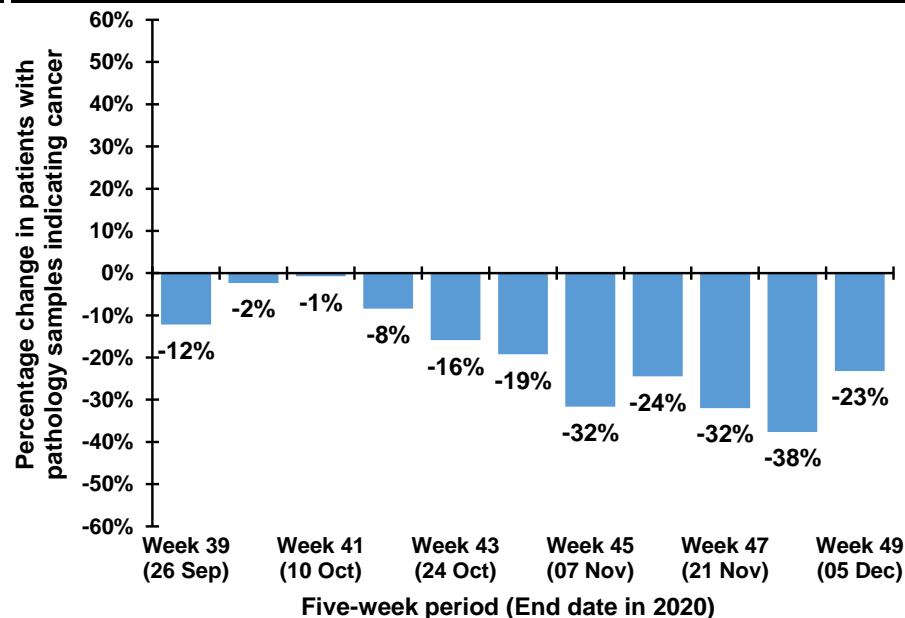
Patients with pathology samples indicating cancer by month first sample taken



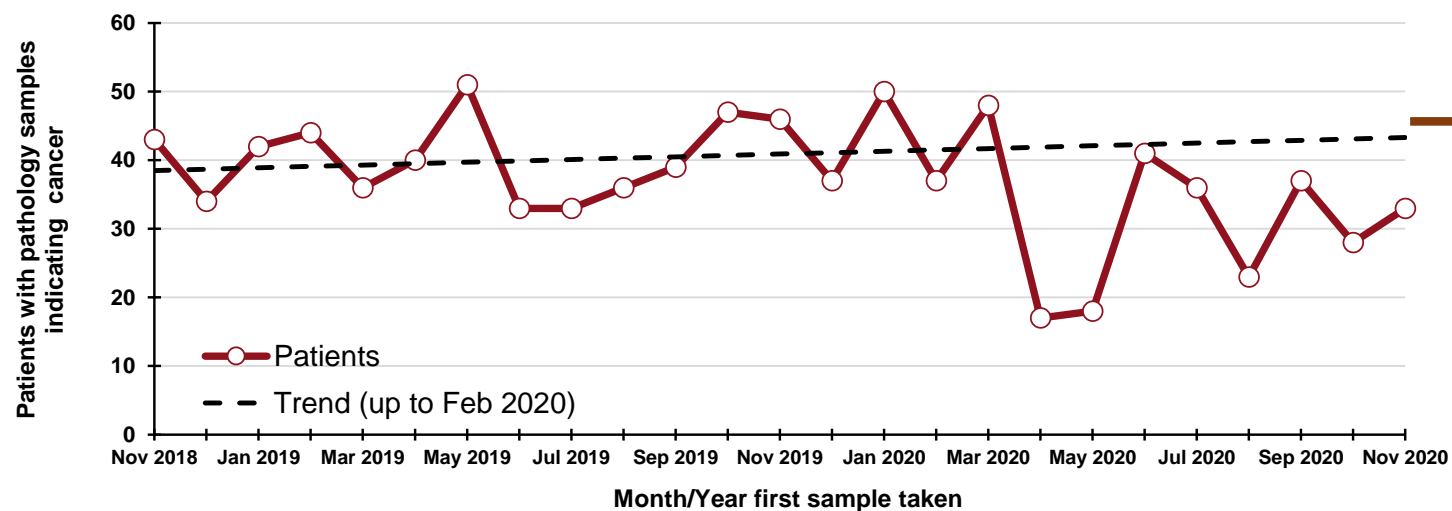
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	43
Dec 2018	34
Jan 2019	42
Feb 2019	44
Mar 2019	36
Apr 2019	40
May 2019	51
Jun 2019	33
Jul 2019	33
Aug 2019	36
Sep 2019	39
Oct 2019	47
Nov 2019	46
Dec 2019	37
Jan 2020	50
Feb 2020	37
Mar 2020	48
Apr 2020	17
May 2020	18
Jun 2020	41
Jul 2020	36
Aug 2020	23
Sep 2020	37
Oct 2020	28
Nov 2020	33

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	36	37	4%
Oct	41	28	-32%
Nov	45	33	-27%
Dec*	12	10	-19%

* Part only - Up to week 49

By week first sample taken

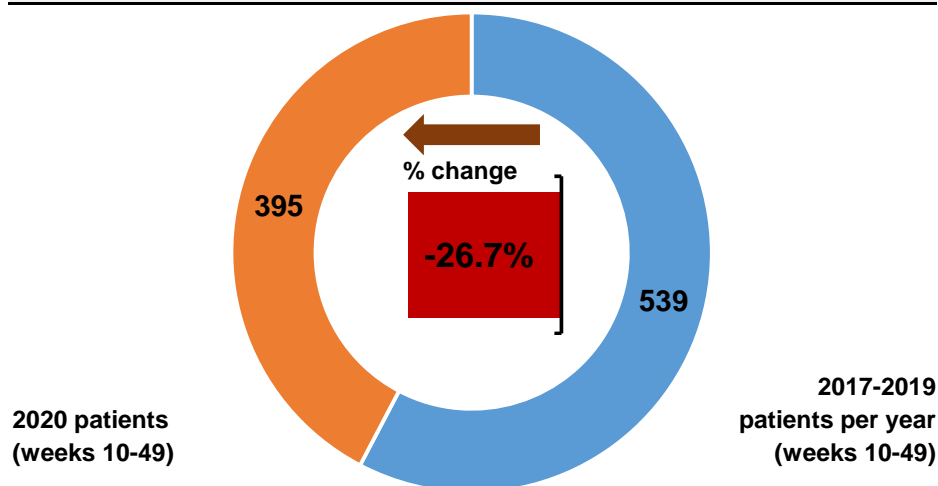
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	7	5			
Week 36 (05 Sep)	10	3			
Week 37 (12 Sep)	7	13			
Week 38 (19 Sep)	9	10			
Week 39 (26 Sep)	8	5	41	36	-12%
Week 40 (03 Oct)	9	11	43	42	-2%
Week 41 (10 Oct)	10	4	43	43	-1%
Week 42 (17 Oct)	7	10	44	40	-8%
Week 43 (24 Oct)	9	7	44	37	-16%
Week 44 (31 Oct)	8	3	43	35	-19%
Week 45 (07 Nov)	11	7	45	31	-32%
Week 46 (14 Nov)	11	8	46	35	-24%
Week 47 (21 Nov)	11	9	50	34	-32%
Week 48 (28 Nov)	11	5	51	32	-38%
Week 49 (05 Dec)	12	14	56	43	-23%

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

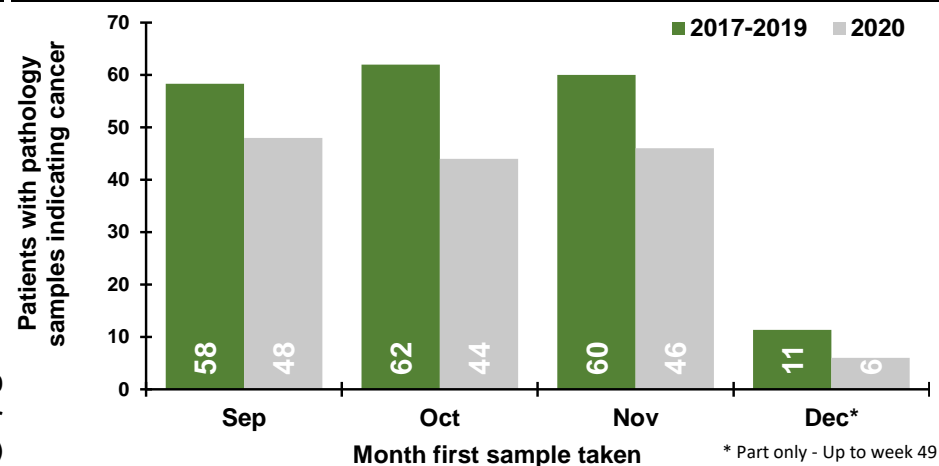
*Date week ended in 2020

Patients with pathology samples indicating lung cancer: All persons

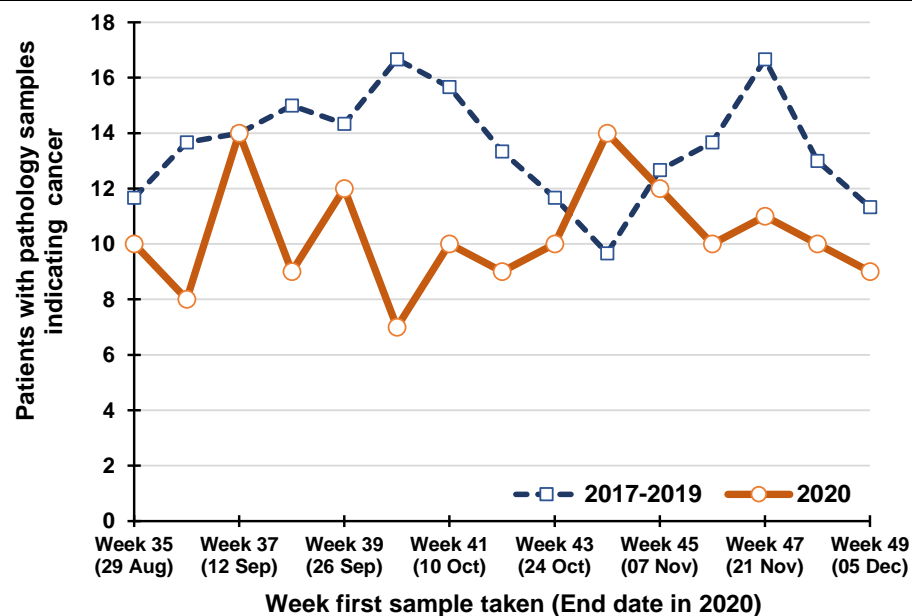
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



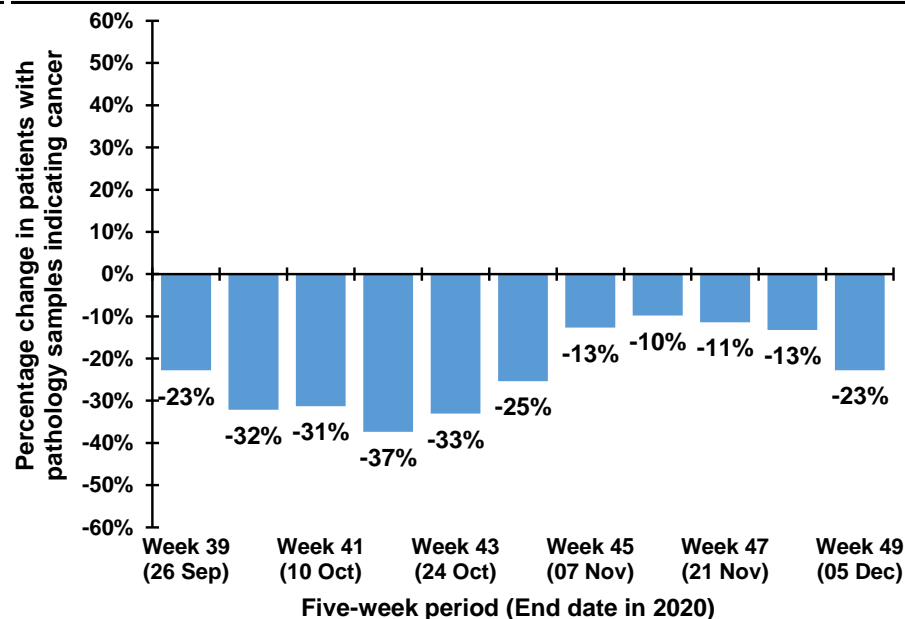
Patients with pathology samples indicating cancer by month first sample taken



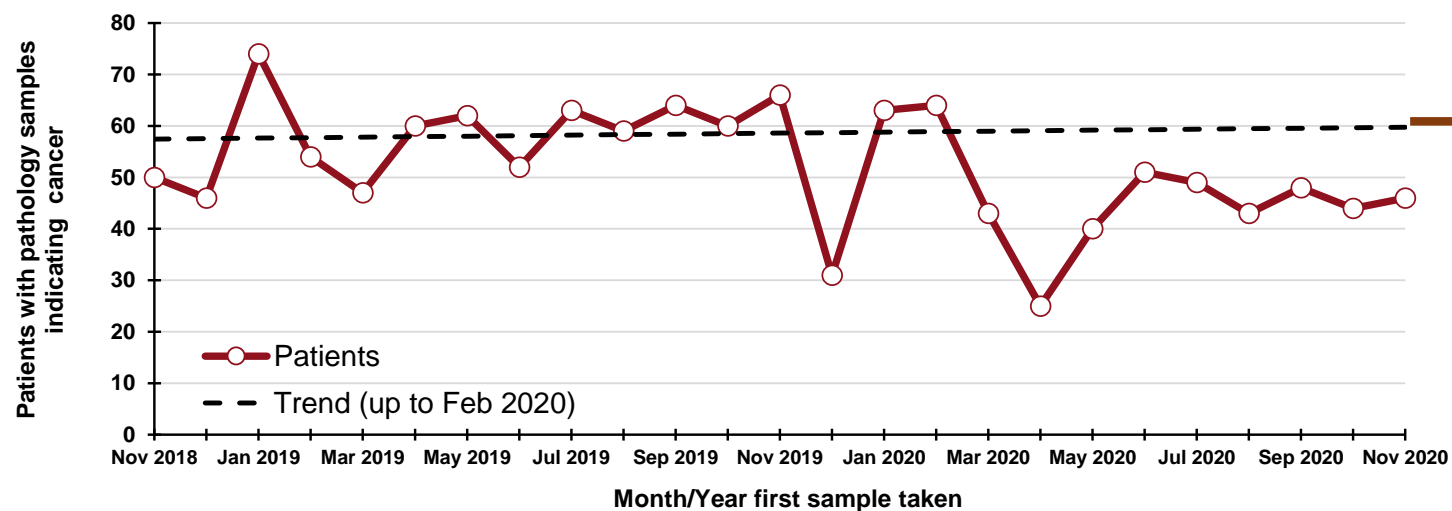
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	50
Dec 2018	46
Jan 2019	74
Feb 2019	54
Mar 2019	47
Apr 2019	60
May 2019	62
Jun 2019	52
Jul 2019	63
Aug 2019	59
Sep 2019	64
Oct 2019	60
Nov 2019	66
Dec 2019	31
Jan 2020	63
Feb 2020	64
Mar 2020	43
Apr 2020	25
May 2020	40
Jun 2020	51
Jul 2020	49
Aug 2020	43
Sep 2020	48
Oct 2020	44
Nov 2020	46

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	58	48	-18%
Oct	62	44	-29%
Nov	60	46	-23%
Dec*	11	6	-47%

* Part only - Up to week 49

By week first sample taken

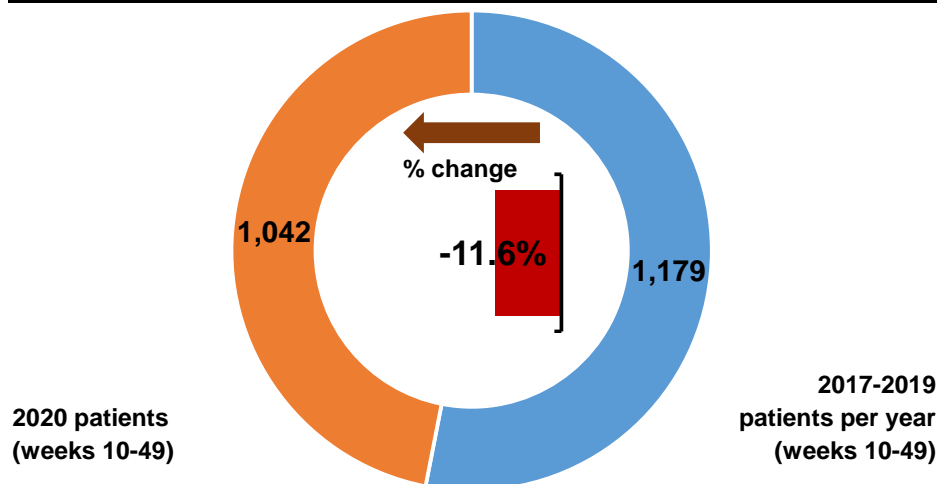
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	12	10			
Week 36 (05 Sep)	14	8			
Week 37 (12 Sep)	14	14			
Week 38 (19 Sep)	15	9			
Week 39 (26 Sep)	14	12	69	53	-23%
Week 40 (03 Oct)	17	7	74	50	-32%
Week 41 (10 Oct)	16	10	76	52	-31%
Week 42 (17 Oct)	13	9	75	47	-37%
Week 43 (24 Oct)	12	10	72	48	-33%
Week 44 (31 Oct)	10	14	67	50	-25%
Week 45 (07 Nov)	13	12	63	55	-13%
Week 46 (14 Nov)	14	10	61	55	-10%
Week 47 (21 Nov)	17	11	64	57	-11%
Week 48 (28 Nov)	13	10	66	57	-13%
Week 49 (05 Dec)	11	9	67	52	-23%

*Date week ended in 2020

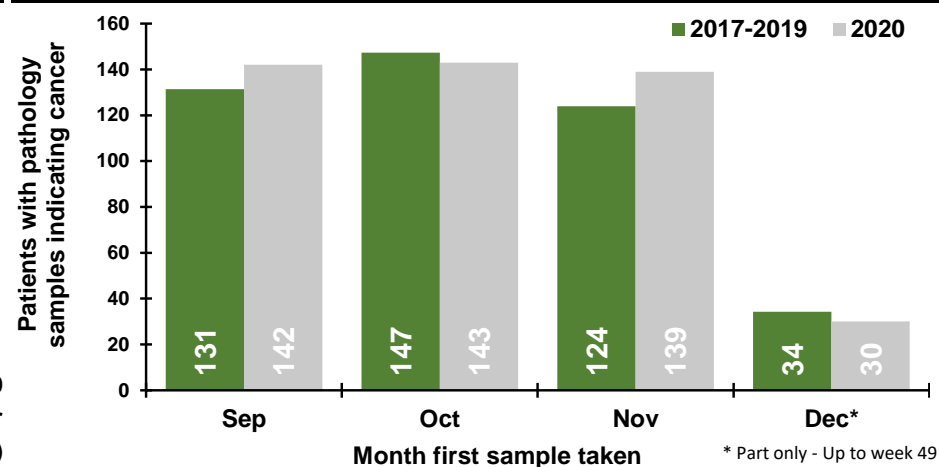
Note: Includes lung and trachea (ICD10 codes: C33-C34).

Patients with pathology samples indicating breast cancer: Females

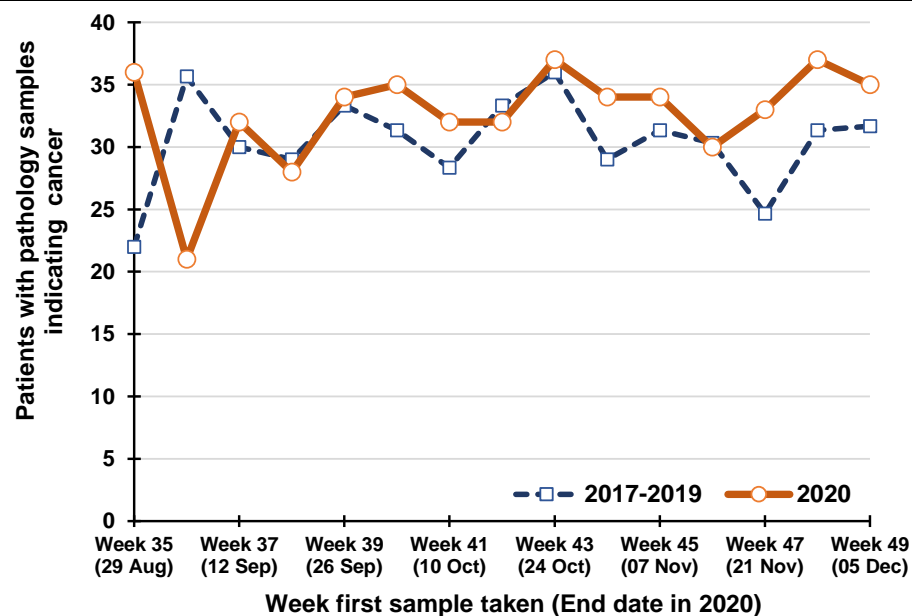
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



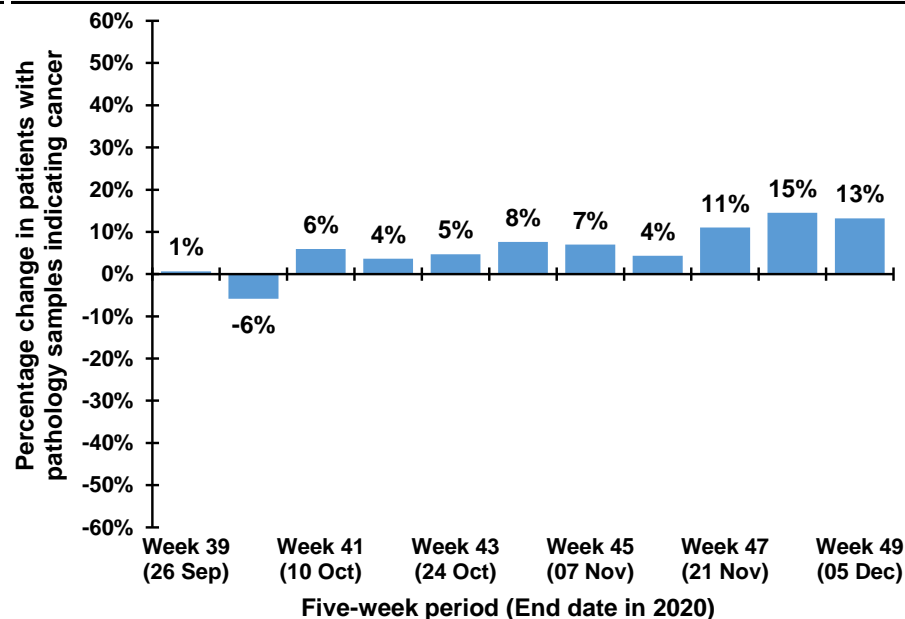
Patients with pathology samples indicating cancer by month first sample taken



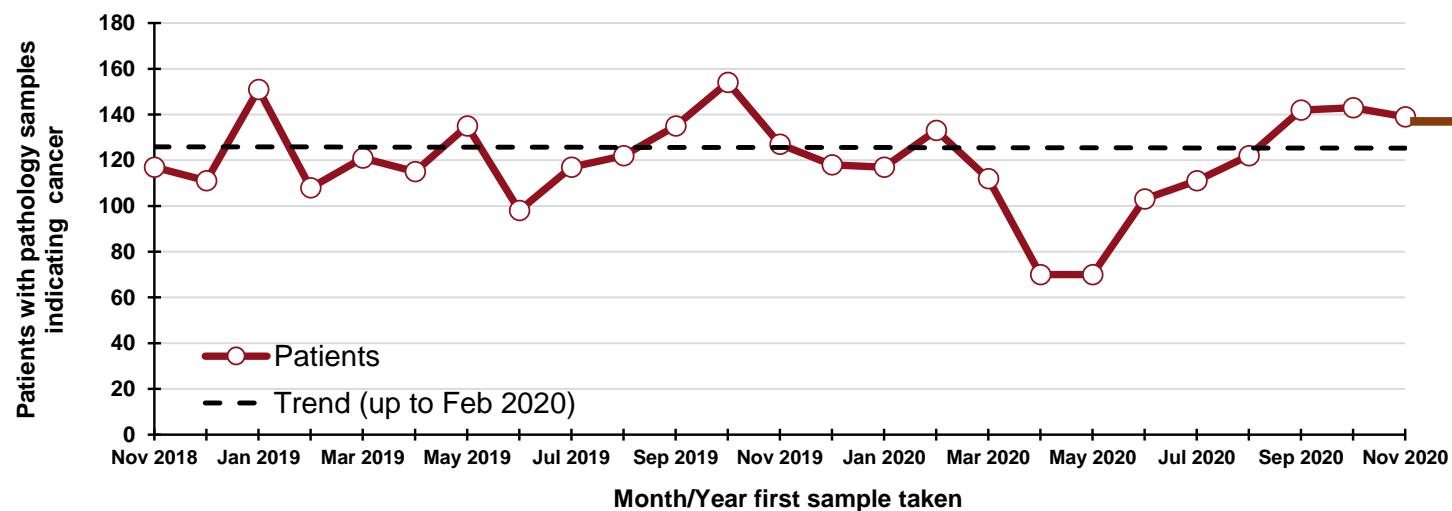
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



120
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	117
Dec 2018	111
Jan 2019	151
Feb 2019	108
Mar 2019	121
Apr 2019	115
May 2019	135
Jun 2019	98
Jul 2019	117
Aug 2019	122
Sep 2019	135
Oct 2019	154
Nov 2019	127
Dec 2019	118
Jan 2020	117
Feb 2020	133
Mar 2020	112
Apr 2020	70
May 2020	70
Jun 2020	103
Jul 2020	111
Aug 2020	122
Sep 2020	142
Oct 2020	143
Nov 2020	139

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	131	142	8%
Oct	147	143	-3%
Nov	124	139	12%
Dec*	34	30	-13%

* Part only - Up to week 49

By week first sample taken

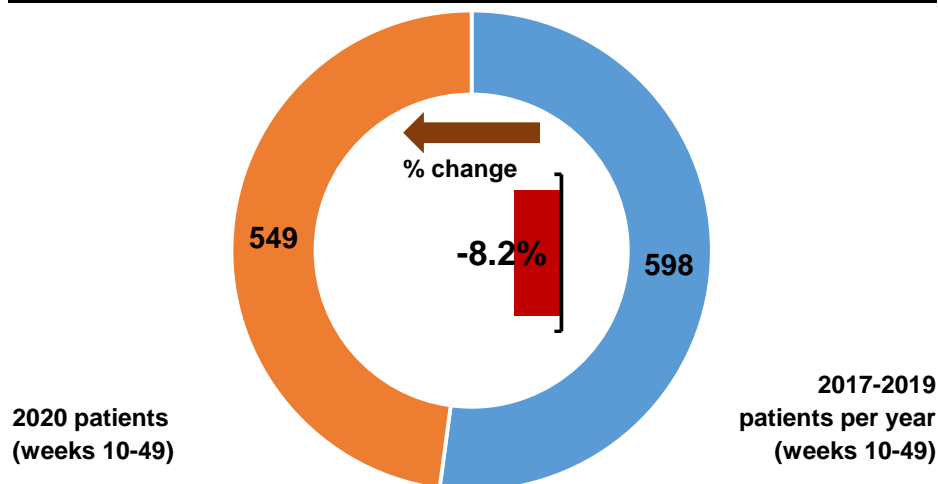
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	22	36			
Week 36 (05 Sep)	36	21			
Week 37 (12 Sep)	30	32			
Week 38 (19 Sep)	29	28			
Week 39 (26 Sep)	33	34	150	151	1%
Week 40 (03 Oct)	31	35	159	150	-6%
Week 41 (10 Oct)	28	32	152	161	6%
Week 42 (17 Oct)	33	32	155	161	4%
Week 43 (24 Oct)	36	37	162	170	5%
Week 44 (31 Oct)	29	34	158	170	8%
Week 45 (07 Nov)	31	34	158	169	7%
Week 46 (14 Nov)	30	30	160	167	4%
Week 47 (21 Nov)	25	33	151	168	11%
Week 48 (28 Nov)	31	37	147	168	15%
Week 49 (05 Dec)	32	35	149	169	13%

*Date week ended in 2020

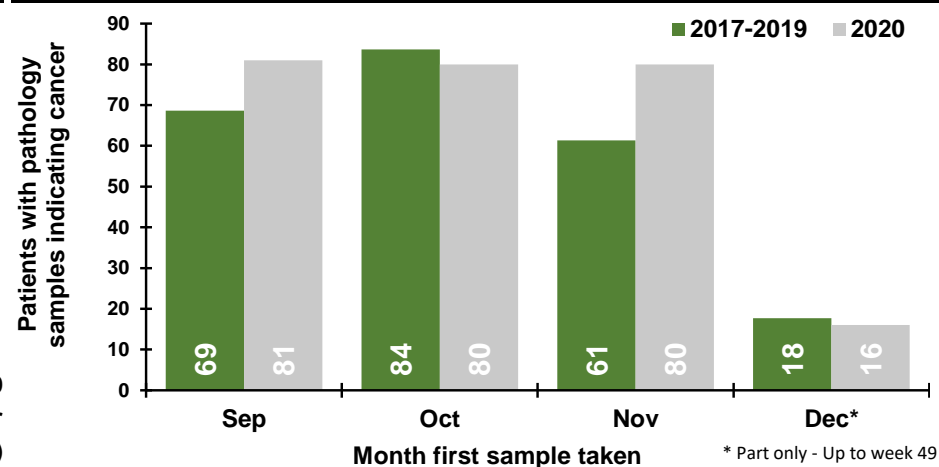
Note: Includes female breast only (ICD10 codes: C50).

Patients with pathology samples indicating breast cancer: Females, screening age (50-70)

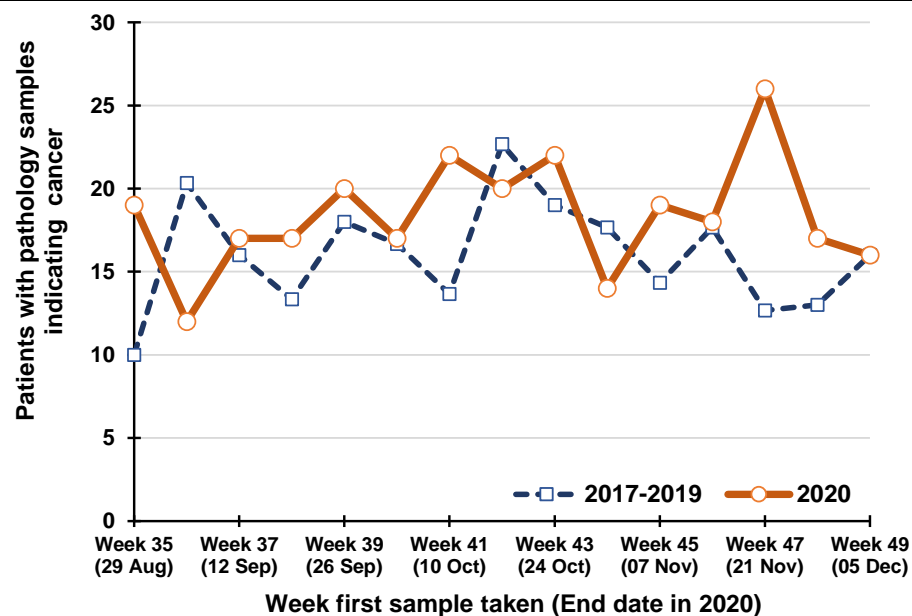
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



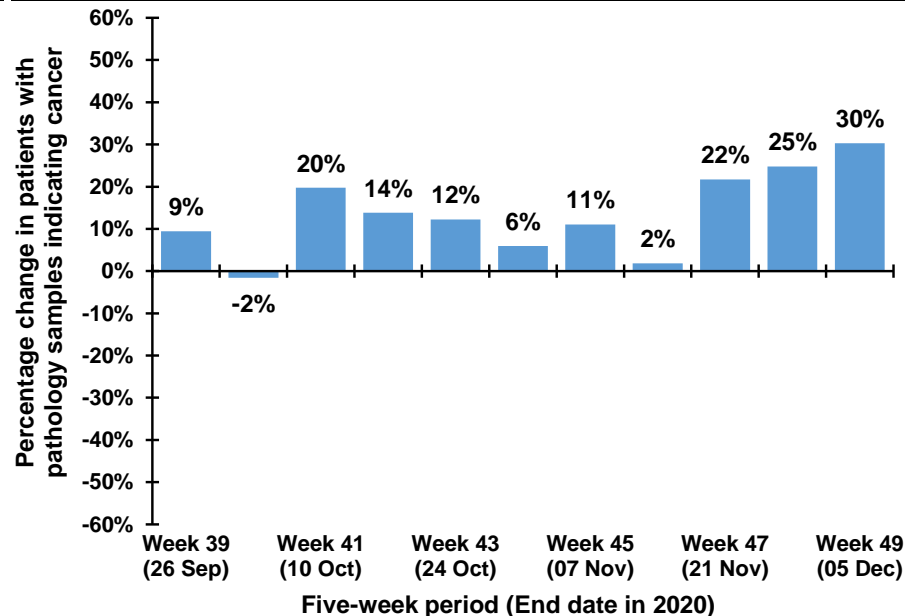
Patients with pathology samples indicating cancer by month first sample taken



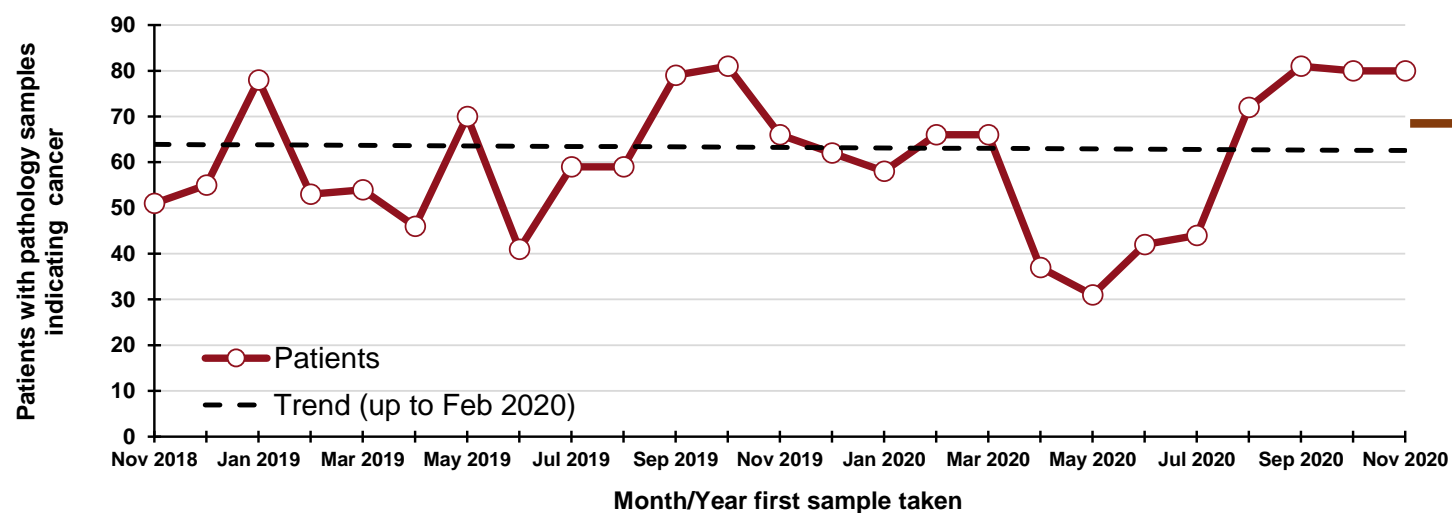
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



30
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	51
Dec 2018	55
Jan 2019	78
Feb 2019	53
Mar 2019	54
Apr 2019	46
May 2019	70
Jun 2019	41
Jul 2019	59
Aug 2019	59
Sep 2019	79
Oct 2019	81
Nov 2019	66
Dec 2019	62
Jan 2020	58
Feb 2020	66
Mar 2020	66
Apr 2020	37
May 2020	31
Jun 2020	42
Jul 2020	44
Aug 2020	72
Sep 2020	81
Oct 2020	80
Nov 2020	80

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	69	81	18%
Oct	84	80	-4%
Nov	61	80	30%
Dec*	18	16	-9%

* Part only - Up to week 49

By week first sample taken

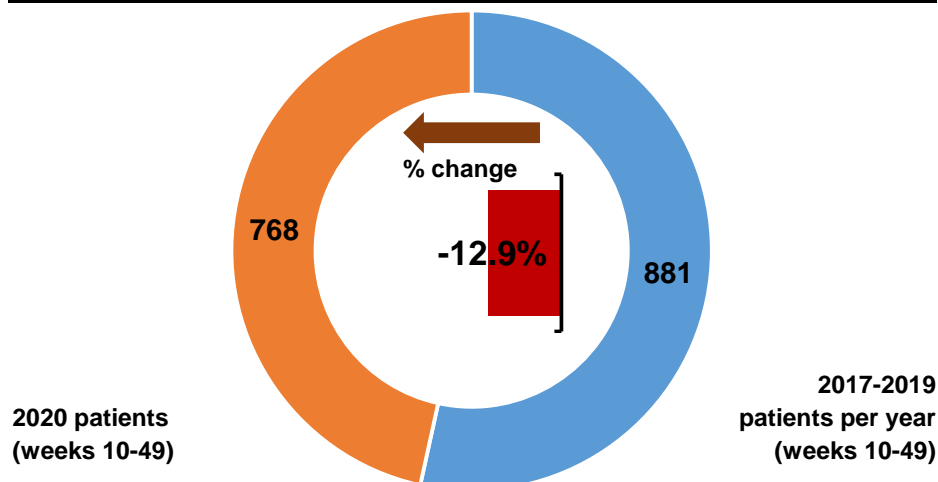
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	10	19			
Week 36 (05 Sep)	20	12			
Week 37 (12 Sep)	16	17			
Week 38 (19 Sep)	13	17			
Week 39 (26 Sep)	18	20	78	85	9%
Week 40 (03 Oct)	17	17	84	83	-2%
Week 41 (10 Oct)	14	22	78	93	20%
Week 42 (17 Oct)	23	20	84	96	14%
Week 43 (24 Oct)	19	22	90	101	12%
Week 44 (31 Oct)	18	14	90	95	6%
Week 45 (07 Nov)	14	19	87	97	11%
Week 46 (14 Nov)	18	18	91	93	2%
Week 47 (21 Nov)	13	26	81	99	22%
Week 48 (28 Nov)	13	17	75	94	25%
Week 49 (05 Dec)	16	16	74	96	30%

*Date week ended in 2020

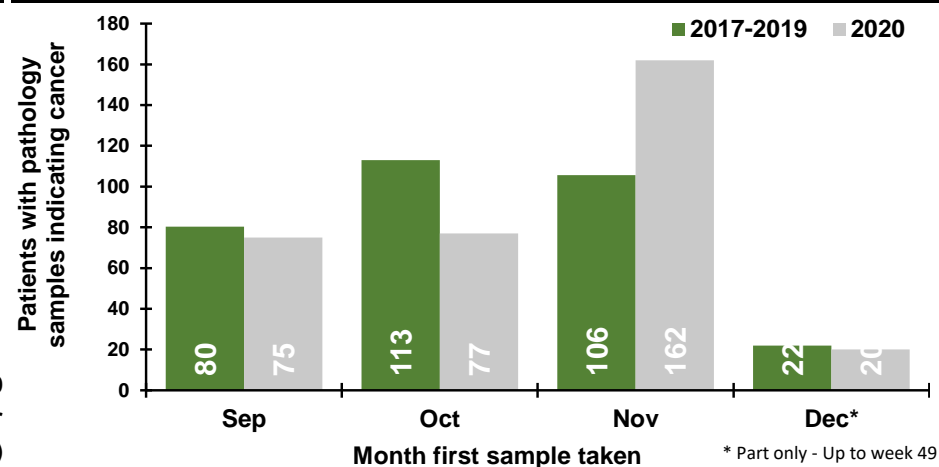
Note: Includes female breast only (ICD10 codes: C50).

Patients with pathology samples indicating prostate cancer: Males

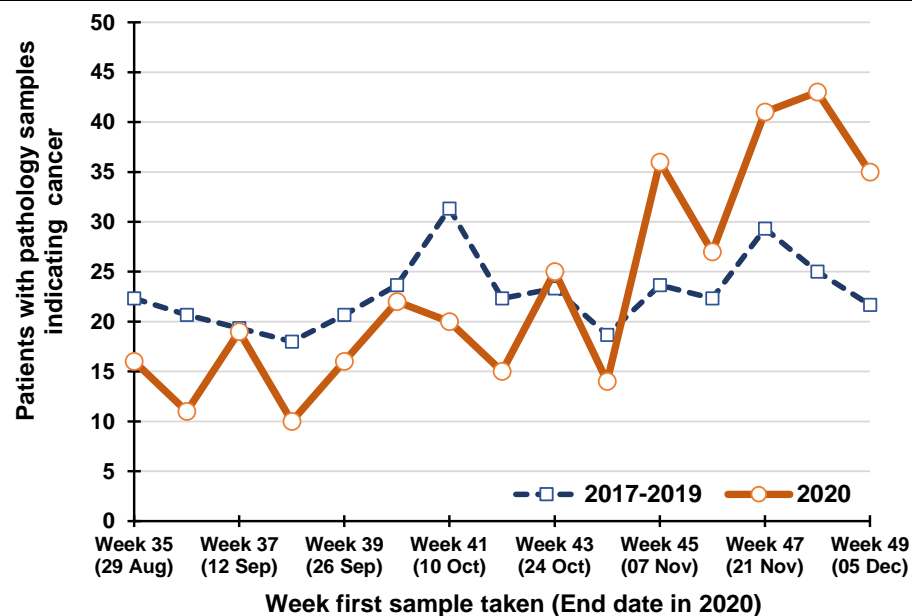
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



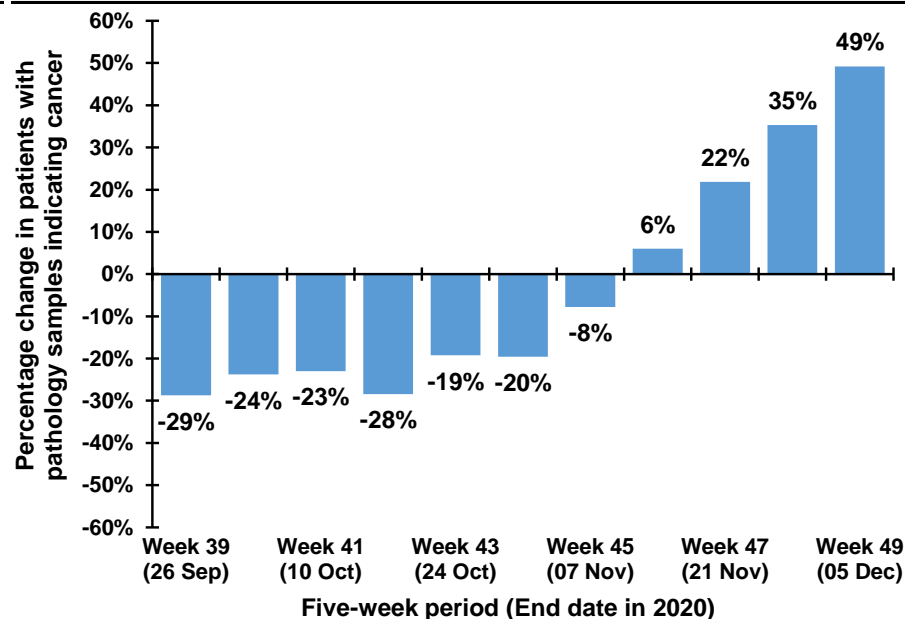
Patients with pathology samples indicating cancer by month first sample taken



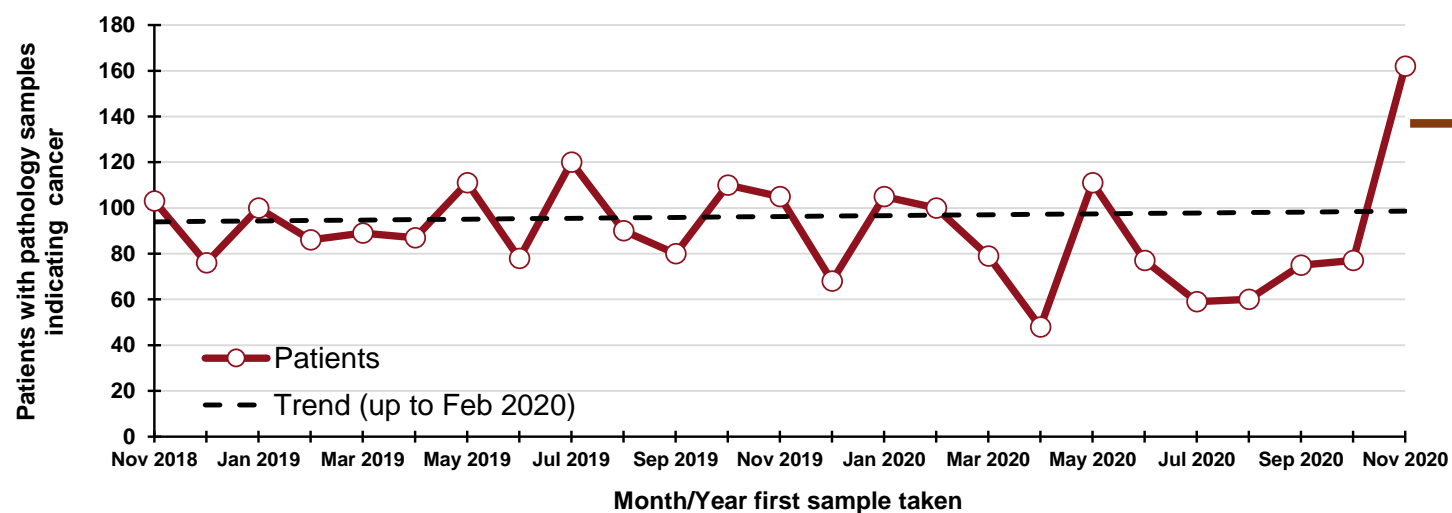
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



130
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	103
Dec 2018	76
Jan 2019	100
Feb 2019	86
Mar 2019	89
Apr 2019	87
May 2019	111
Jun 2019	78
Jul 2019	120
Aug 2019	90
Sep 2019	80
Oct 2019	110
Nov 2019	105
Dec 2019	68
Jan 2020	105
Feb 2020	100
Mar 2020	79
Apr 2020	48
May 2020	111
Jun 2020	77
Jul 2020	59
Aug 2020	60
Sep 2020	75
Oct 2020	77
Nov 2020	162

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	80	75	-7%
Oct	113	77	-32%
Nov	106	162	53%
Dec*	22	20	-9%

* Part only - Up to week 49

By week first sample taken

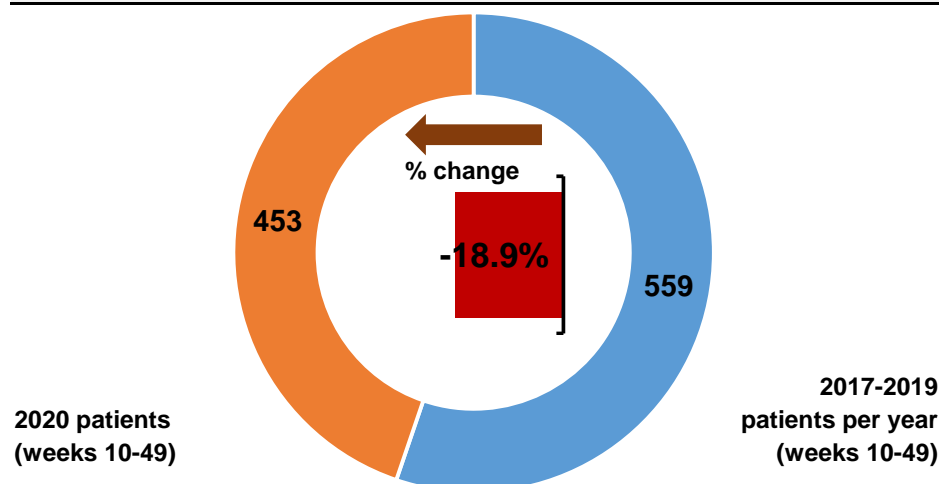
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	22	16			
Week 36 (05 Sep)	21	11			
Week 37 (12 Sep)	19	19			
Week 38 (19 Sep)	18	10			
Week 39 (26 Sep)	21	16	101	72	-29%
Week 40 (03 Oct)	24	22	102	78	-24%
Week 41 (10 Oct)	31	20	113	87	-23%
Week 42 (17 Oct)	22	15	116	83	-28%
Week 43 (24 Oct)	23	25	121	98	-19%
Week 44 (31 Oct)	19	14	119	96	-20%
Week 45 (07 Nov)	24	36	119	110	-8%
Week 46 (14 Nov)	22	27	110	117	6%
Week 47 (21 Nov)	29	41	117	143	22%
Week 48 (28 Nov)	25	43	119	161	35%
Week 49 (05 Dec)	22	35	122	182	49%

*Date week ended in 2020

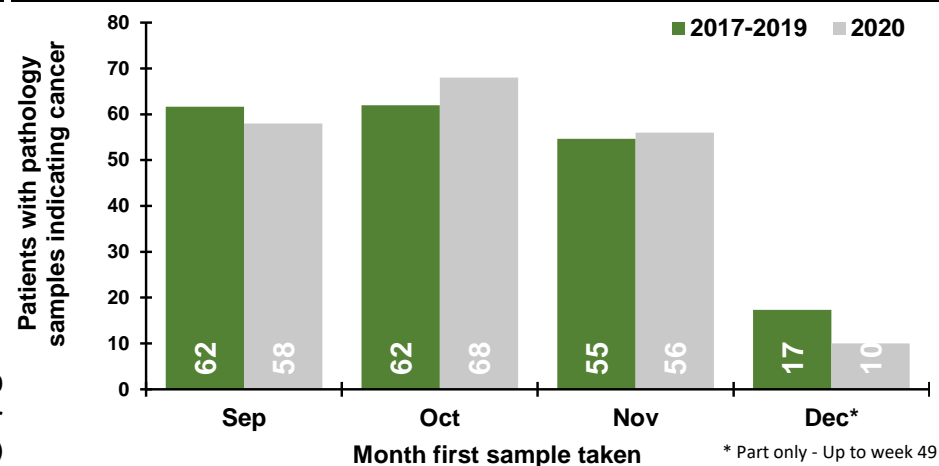
Note: (ICD10 codes: C61).

Patients with pathology samples indicating gynaecological cancer: Females

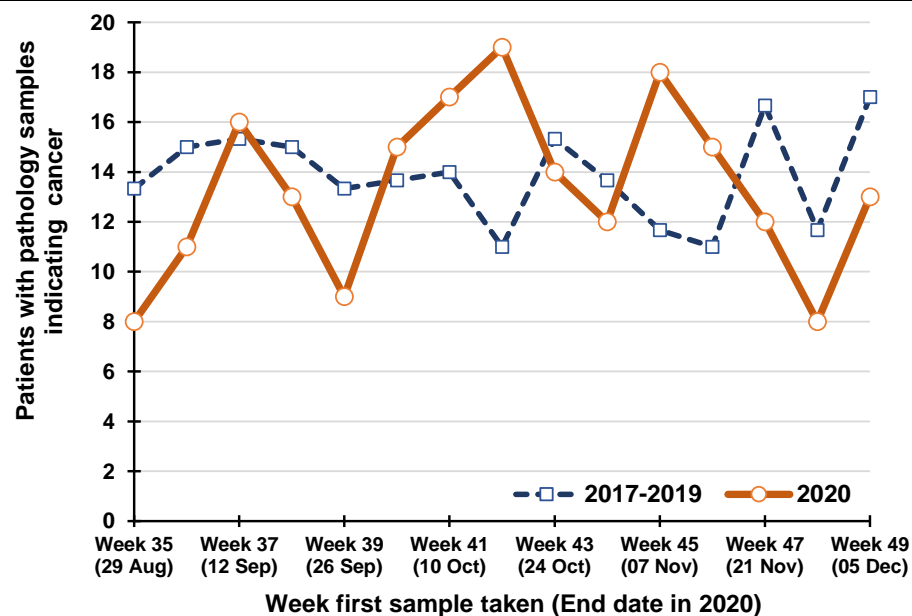
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



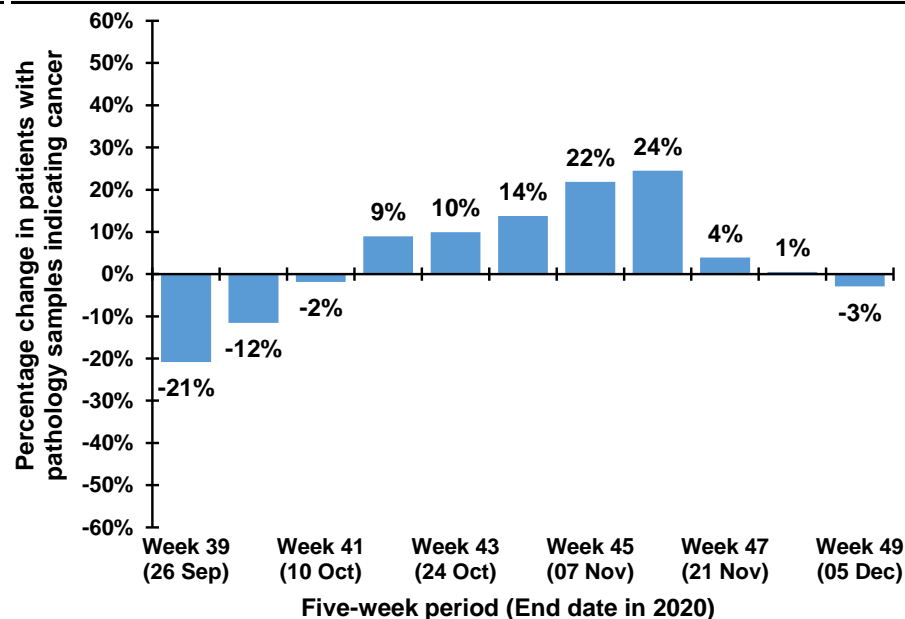
Patients with pathology samples indicating cancer by month first sample taken



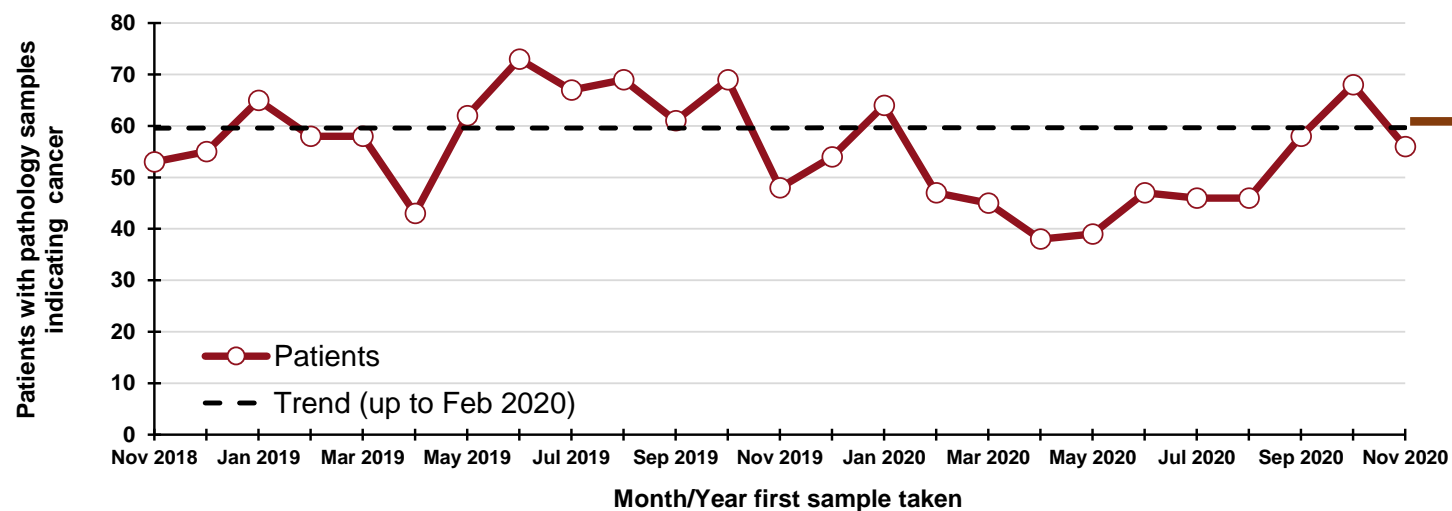
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	53
Dec 2018	55
Jan 2019	65
Feb 2019	58
Mar 2019	58
Apr 2019	43
May 2019	62
Jun 2019	73
Jul 2019	67
Aug 2019	69
Sep 2019	61
Oct 2019	69
Nov 2019	48
Dec 2019	54
Jan 2020	64
Feb 2020	47
Mar 2020	45
Apr 2020	38
May 2020	39
Jun 2020	47
Jul 2020	46
Aug 2020	46
Sep 2020	58
Oct 2020	68
Nov 2020	56

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	62	58	-6%
Oct	62	68	10%
Nov	55	56	2%
Dec*	17	10	-42%

* Part only - Up to week 49

By week first sample taken

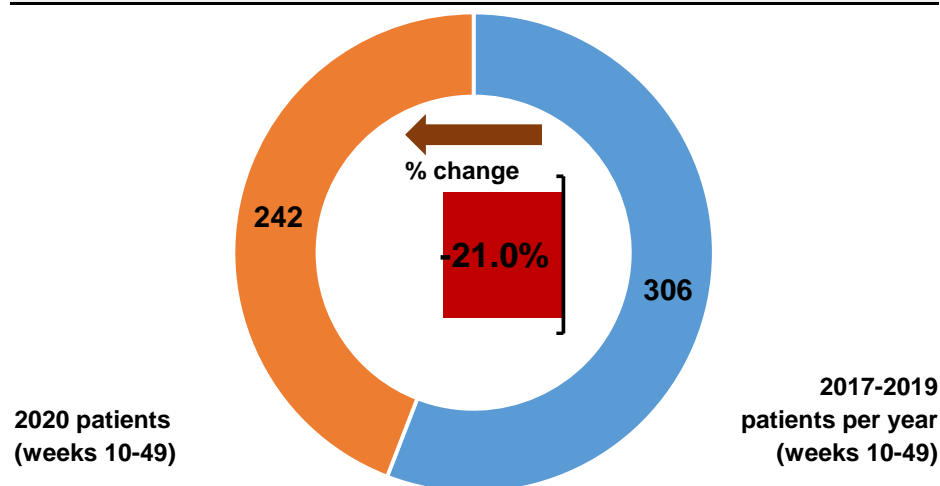
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	13	8			
Week 36 (05 Sep)	15	11			
Week 37 (12 Sep)	15	16			
Week 38 (19 Sep)	15	13			
Week 39 (26 Sep)	13	9	72	57	-21%
Week 40 (03 Oct)	14	15	72	64	-12%
Week 41 (10 Oct)	14	17	71	70	-2%
Week 42 (17 Oct)	11	19	67	73	9%
Week 43 (24 Oct)	15	14	67	74	10%
Week 44 (31 Oct)	14	12	68	77	14%
Week 45 (07 Nov)	12	18	66	80	22%
Week 46 (14 Nov)	11	15	63	78	24%
Week 47 (21 Nov)	17	12	68	71	4%
Week 48 (28 Nov)	12	8	65	65	1%
Week 49 (05 Dec)	17	13	68	66	-3%

*Date week ended in 2020

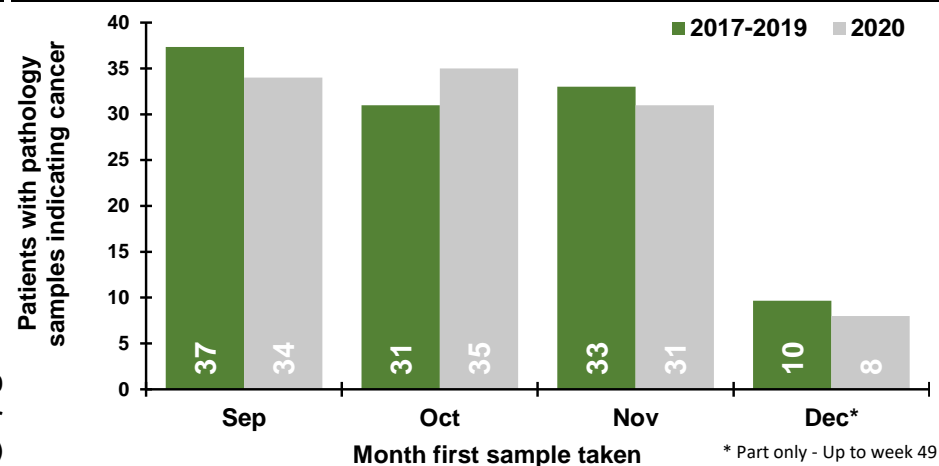
Note: Includes uterus, ovary, cervix, vulva, vagina, placenta and other female genital (ICD10 codes: C51-C58).

Patients with pathology samples indicating upper gastrointestinal cancer: All persons

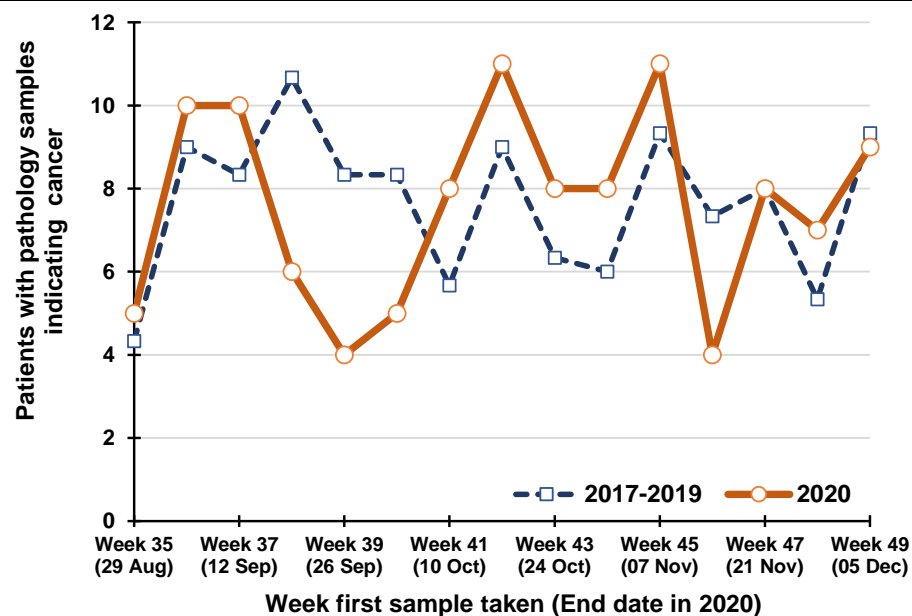
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



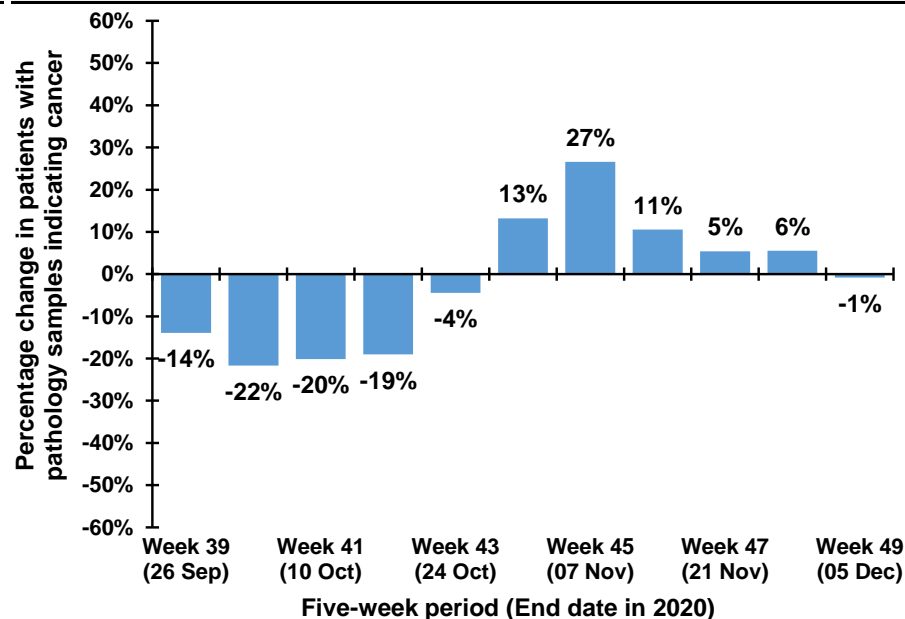
Patients with pathology samples indicating cancer by month first sample taken



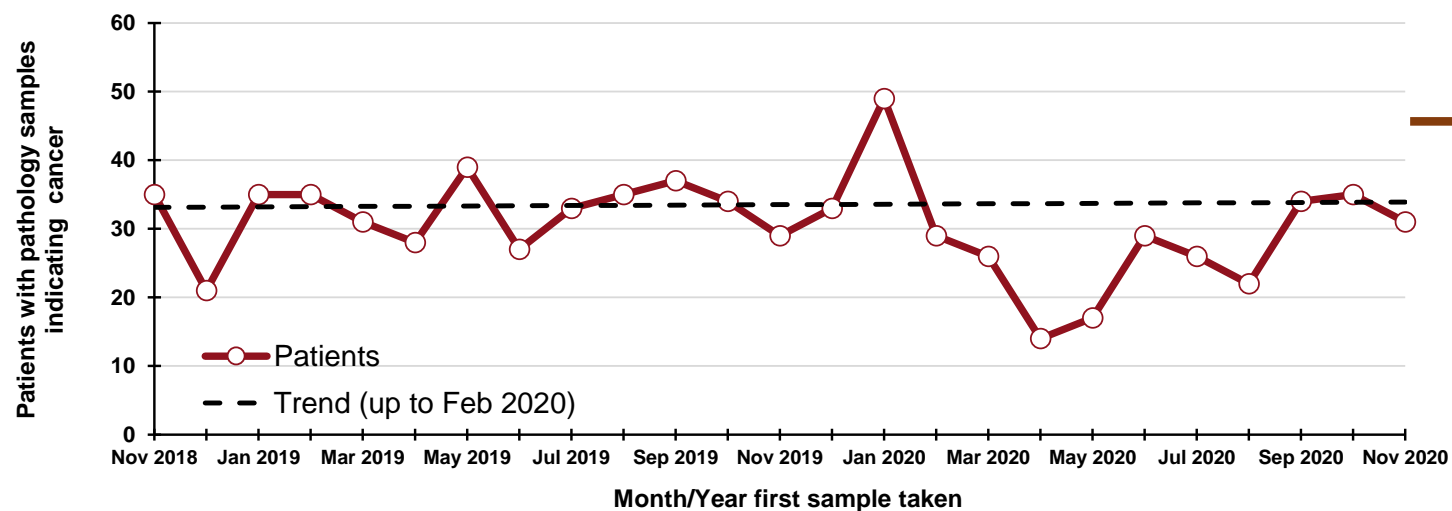
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	35
Dec 2018	21
Jan 2019	35
Feb 2019	35
Mar 2019	31
Apr 2019	28
May 2019	39
Jun 2019	27
Jul 2019	33
Aug 2019	35
Sep 2019	37
Oct 2019	34
Nov 2019	29
Dec 2019	33
Jan 2020	49
Feb 2020	29
Mar 2020	26
Apr 2020	14
May 2020	17
Jun 2020	29
Jul 2020	26
Aug 2020	22
Sep 2020	34
Oct 2020	35
Nov 2020	31

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	37	34	-9%
Oct	31	35	13%
Nov	33	31	-6%
Dec*	10	8	-17%

* Part only - Up to week 49

By week first sample taken

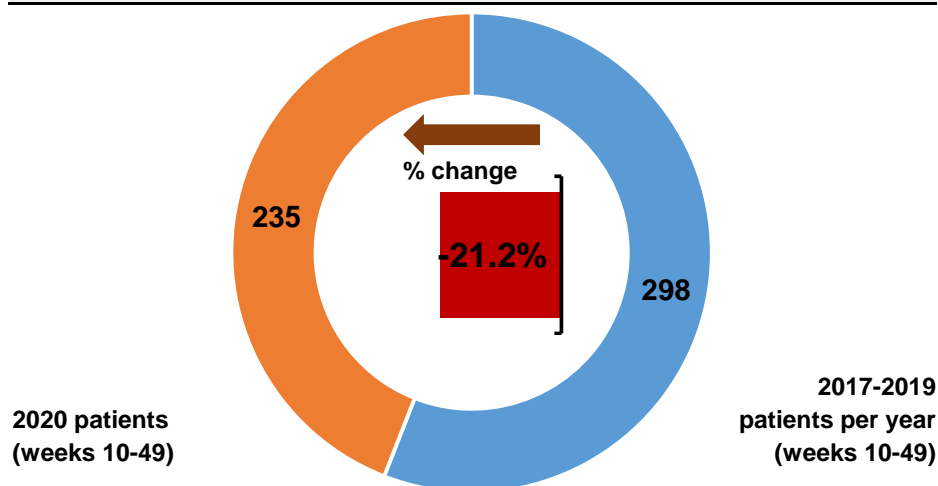
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	4	5			
Week 36 (05 Sep)	9	10			
Week 37 (12 Sep)	8	10			
Week 38 (19 Sep)	11	6			
Week 39 (26 Sep)	8	4	41	35	-14%
Week 40 (03 Oct)	8	5	45	35	-22%
Week 41 (10 Oct)	6	8	41	33	-20%
Week 42 (17 Oct)	9	11	42	34	-19%
Week 43 (24 Oct)	6	8	38	36	-4%
Week 44 (31 Oct)	6	8	35	40	13%
Week 45 (07 Nov)	9	11	36	46	27%
Week 46 (14 Nov)	7	4	38	42	11%
Week 47 (21 Nov)	8	8	37	39	5%
Week 48 (28 Nov)	5	7	36	38	6%
Week 49 (05 Dec)	9	9	39	39	-1%

*Date week ended in 2020

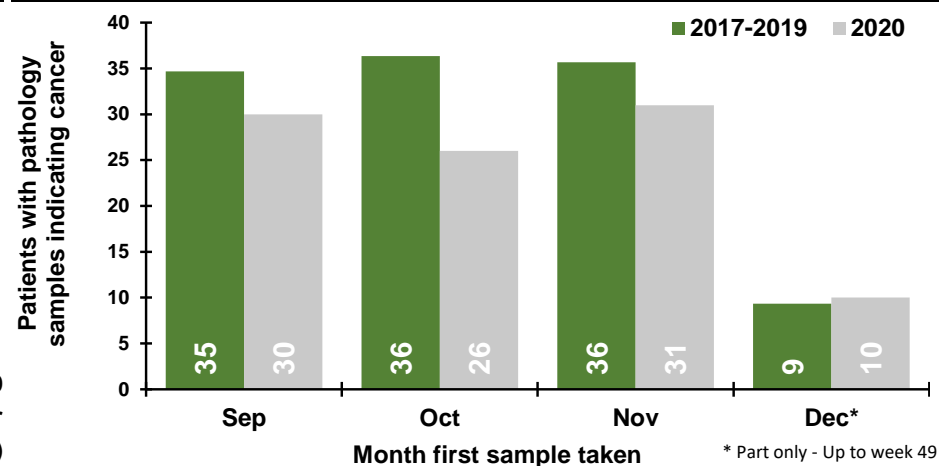
Note: Includes oesophagus and stomach (ICD10 codes: C15, C16).

Patients with pathology samples indicating head & neck cancer: All persons

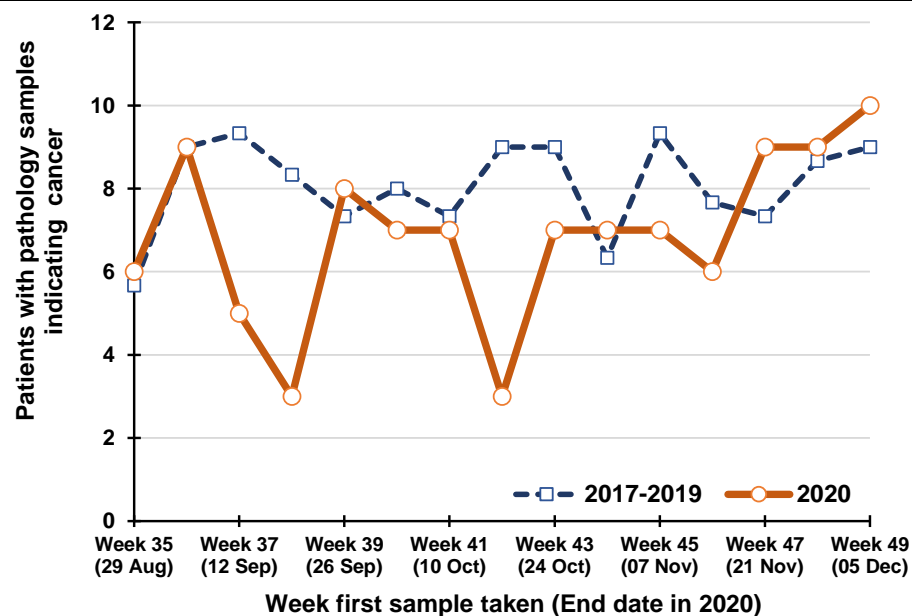
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



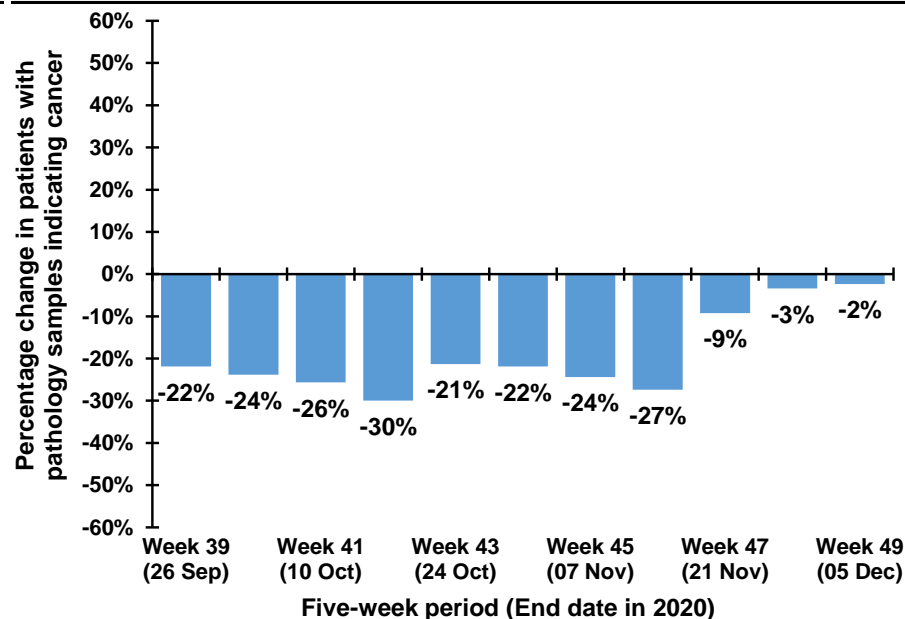
Patients with pathology samples indicating cancer by month first sample taken



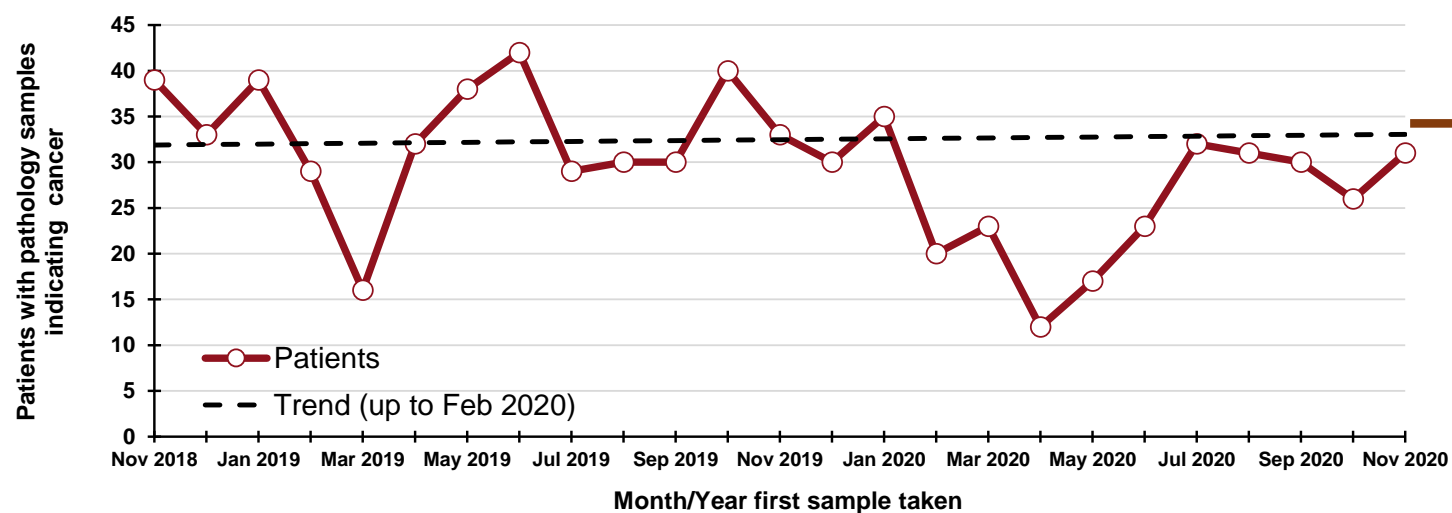
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	39
Dec 2018	33
Jan 2019	39
Feb 2019	29
Mar 2019	16
Apr 2019	32
May 2019	38
Jun 2019	42
Jul 2019	29
Aug 2019	30
Sep 2019	30
Oct 2019	40
Nov 2019	33
Dec 2019	30
Jan 2020	35
Feb 2020	20
Mar 2020	23
Apr 2020	12
May 2020	17
Jun 2020	23
Jul 2020	32
Aug 2020	31
Sep 2020	30
Oct 2020	26
Nov 2020	31

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	35	30	-13%
Oct	36	26	-28%
Nov	36	31	-13%
Dec*	9	10	7%

* Part only - Up to week 49

By week first sample taken

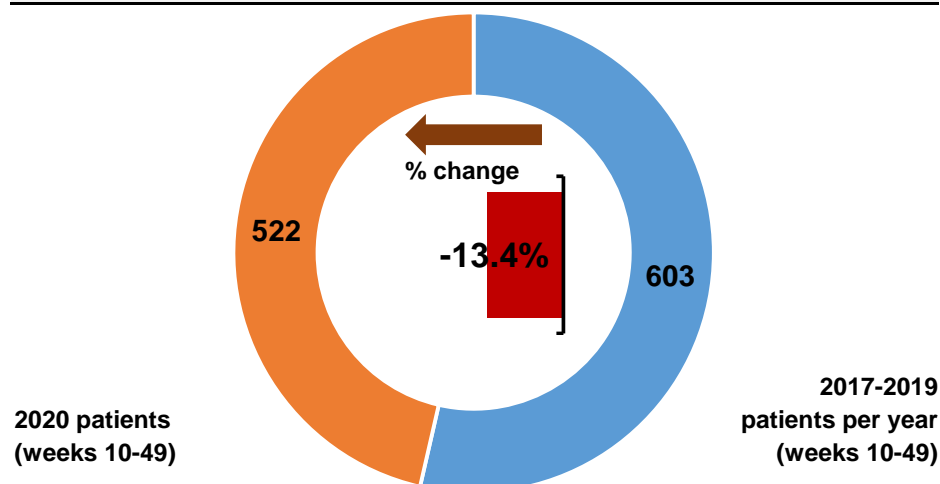
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	6	6			
Week 36 (05 Sep)	9	9			
Week 37 (12 Sep)	9	5			
Week 38 (19 Sep)	8	3			
Week 39 (26 Sep)	7	8	40	31	-22%
Week 40 (03 Oct)	8	7	42	32	-24%
Week 41 (10 Oct)	7	7	40	30	-26%
Week 42 (17 Oct)	9	3	40	28	-30%
Week 43 (24 Oct)	9	7	41	32	-21%
Week 44 (31 Oct)	6	7	40	31	-22%
Week 45 (07 Nov)	9	7	41	31	-24%
Week 46 (14 Nov)	8	6	41	30	-27%
Week 47 (21 Nov)	7	9	40	36	-9%
Week 48 (28 Nov)	9	9	39	38	-3%
Week 49 (05 Dec)	9	10	42	41	-2%

*Date week ended in 2020

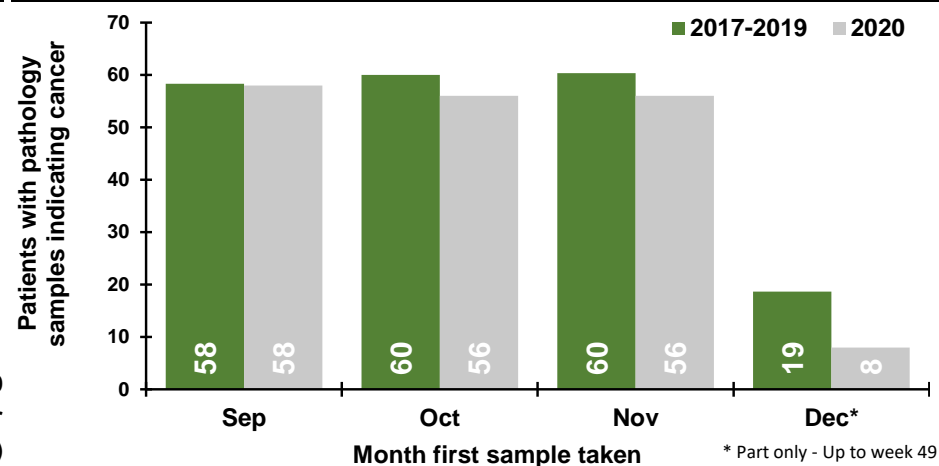
Note: Includes lip, tongue, mouth, parotid & salivary glands, tonsil, oropharynx, nasopharynx, pyriform sinus, hypopharynx, nasal cavity, middle ear, sinuses and larynx (ICD10 codes: C00-C14, C30-C32).

Patients with pathology samples indicating urinary cancer: All persons

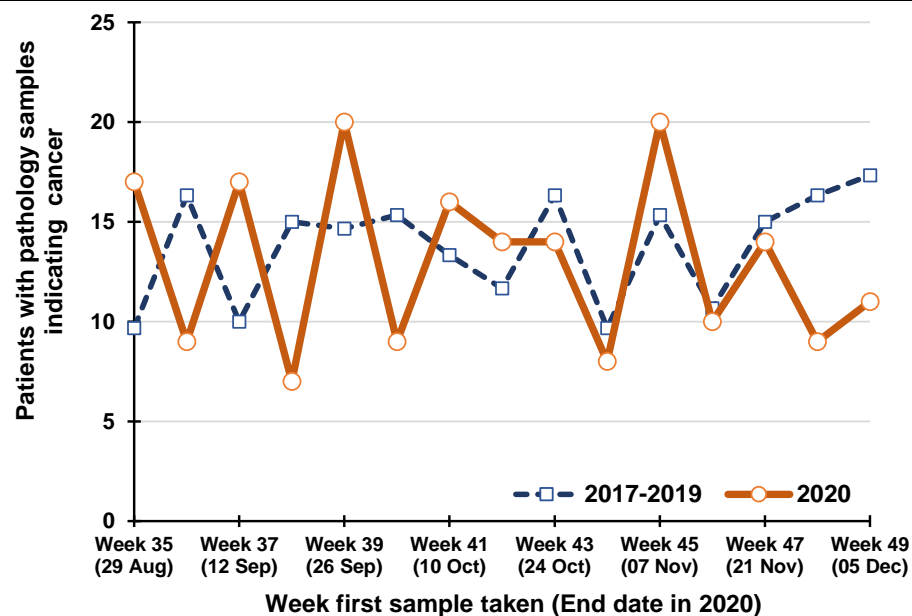
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



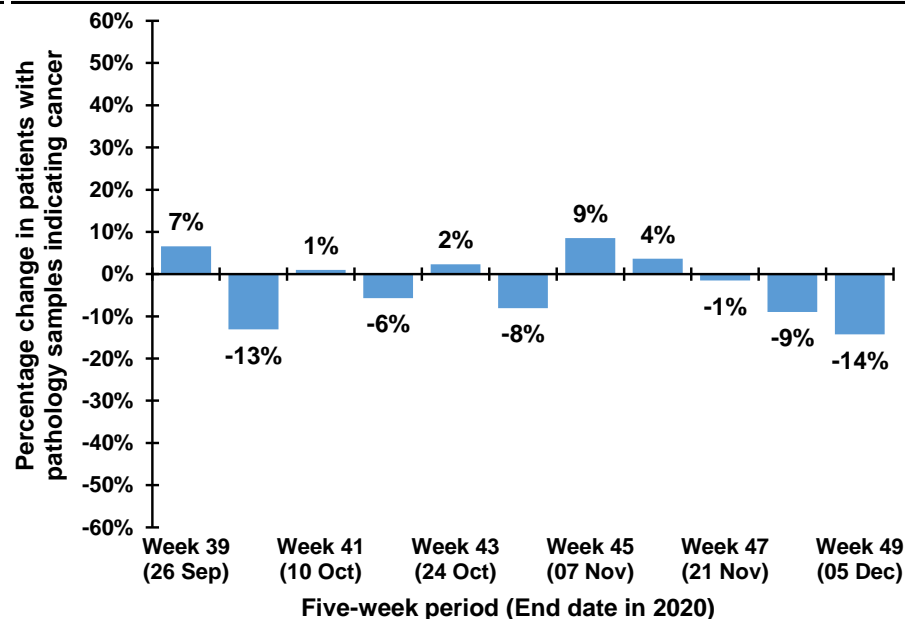
Patients with pathology samples indicating cancer by month first sample taken



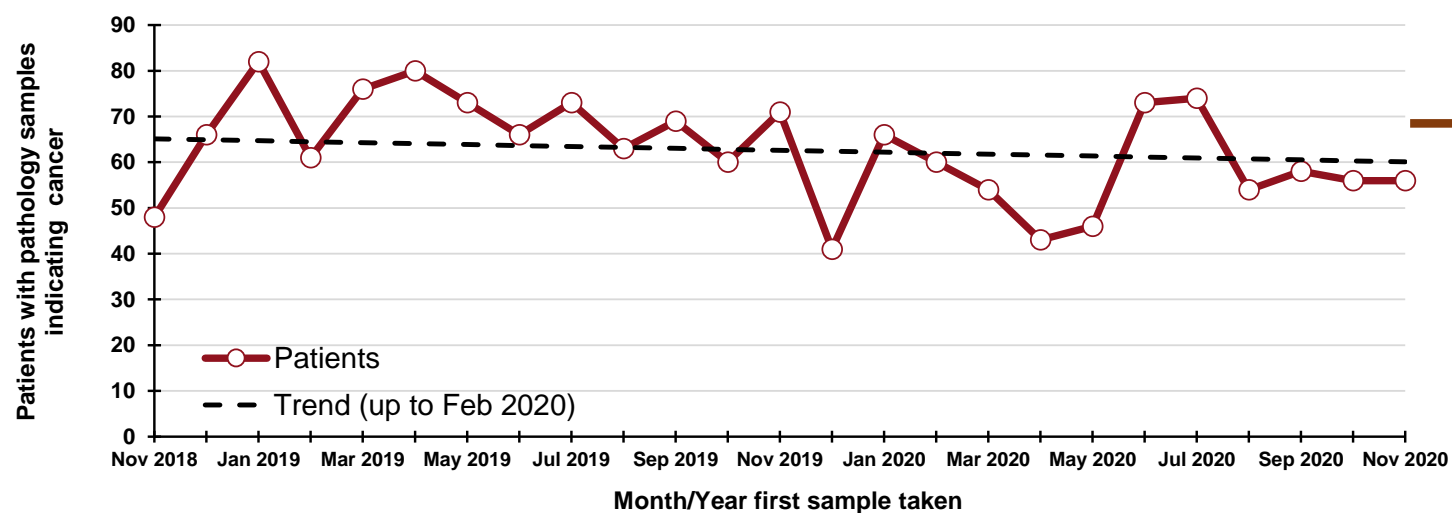
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



30
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	48
Dec 2018	66
Jan 2019	82
Feb 2019	61
Mar 2019	76
Apr 2019	80
May 2019	73
Jun 2019	66
Jul 2019	73
Aug 2019	63
Sep 2019	69
Oct 2019	60
Nov 2019	71
Dec 2019	41
Jan 2020	66
Feb 2020	60
Mar 2020	54
Apr 2020	43
May 2020	46
Jun 2020	73
Jul 2020	74
Aug 2020	54
Sep 2020	58
Oct 2020	56
Nov 2020	56

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	58	58	-1%
Oct	60	56	-7%
Nov	60	56	-7%
Dec*	19	8	-57%

* Part only - Up to week 49

By week first sample taken

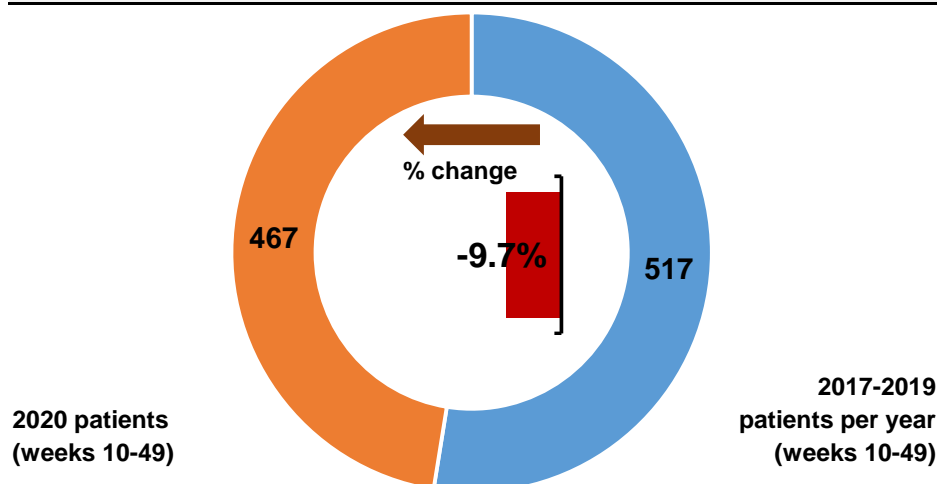
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	10	17			
Week 36 (05 Sep)	16	9			
Week 37 (12 Sep)	10	17			
Week 38 (19 Sep)	15	7			
Week 39 (26 Sep)	15	20	66	70	7%
Week 40 (03 Oct)	15	9	71	62	-13%
Week 41 (10 Oct)	13	16	68	69	1%
Week 42 (17 Oct)	12	14	70	66	-6%
Week 43 (24 Oct)	16	14	71	73	2%
Week 44 (31 Oct)	10	8	66	61	-8%
Week 45 (07 Nov)	15	20	66	72	9%
Week 46 (14 Nov)	11	10	64	66	4%
Week 47 (21 Nov)	15	14	67	66	-1%
Week 48 (28 Nov)	16	9	67	61	-9%
Week 49 (05 Dec)	17	11	75	64	-14%

*Date week ended in 2020

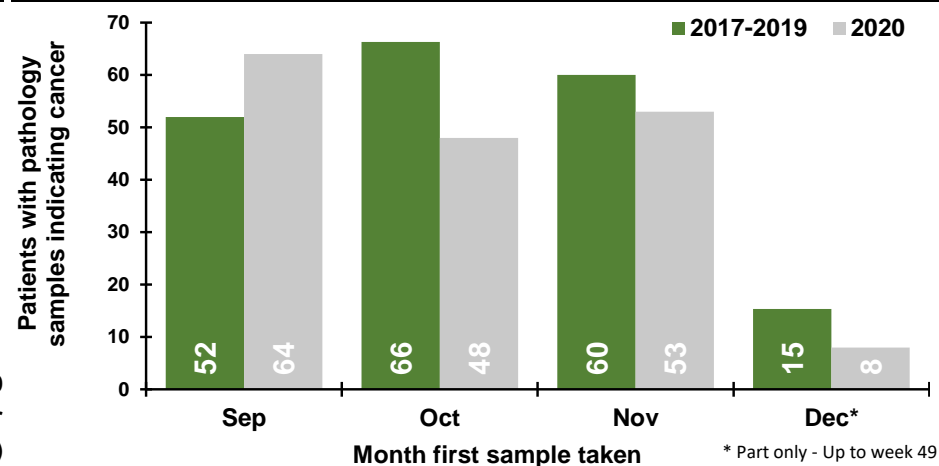
Note: Includes kidney, renal pelvis, ureter, bladder and other urinary (ICD10 codes: C64-C68).

Patients with pathology samples indicating haematological cancer: All persons

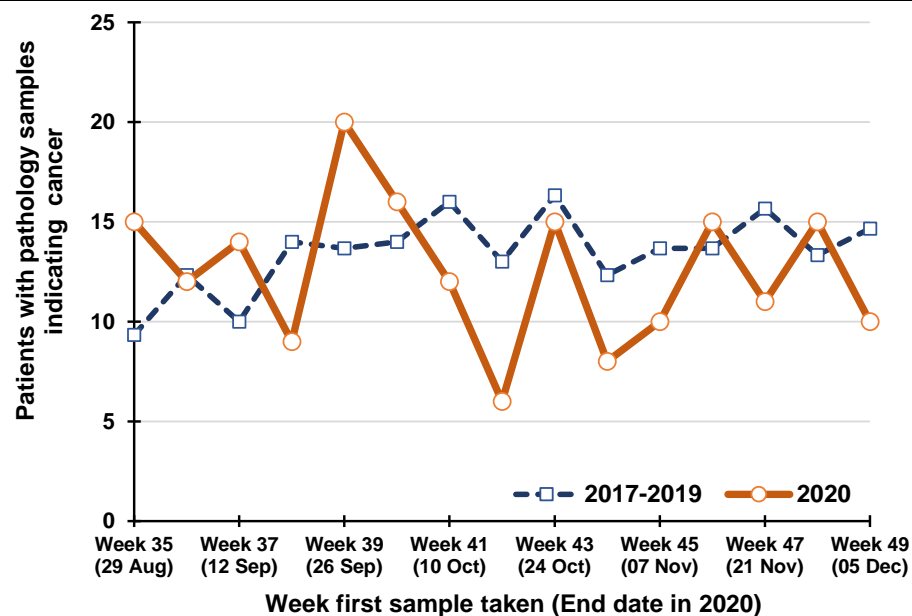
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



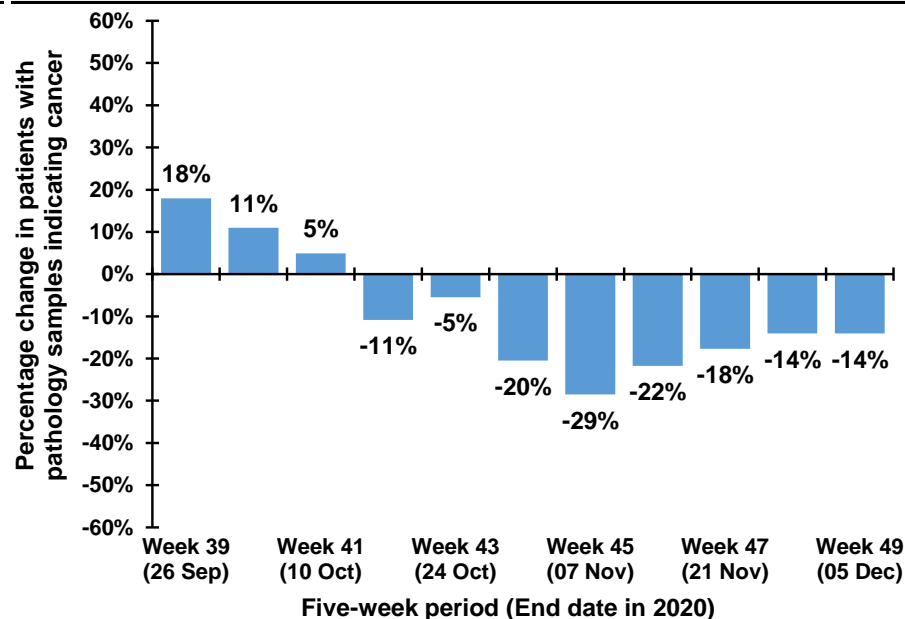
Patients with pathology samples indicating cancer by month first sample taken



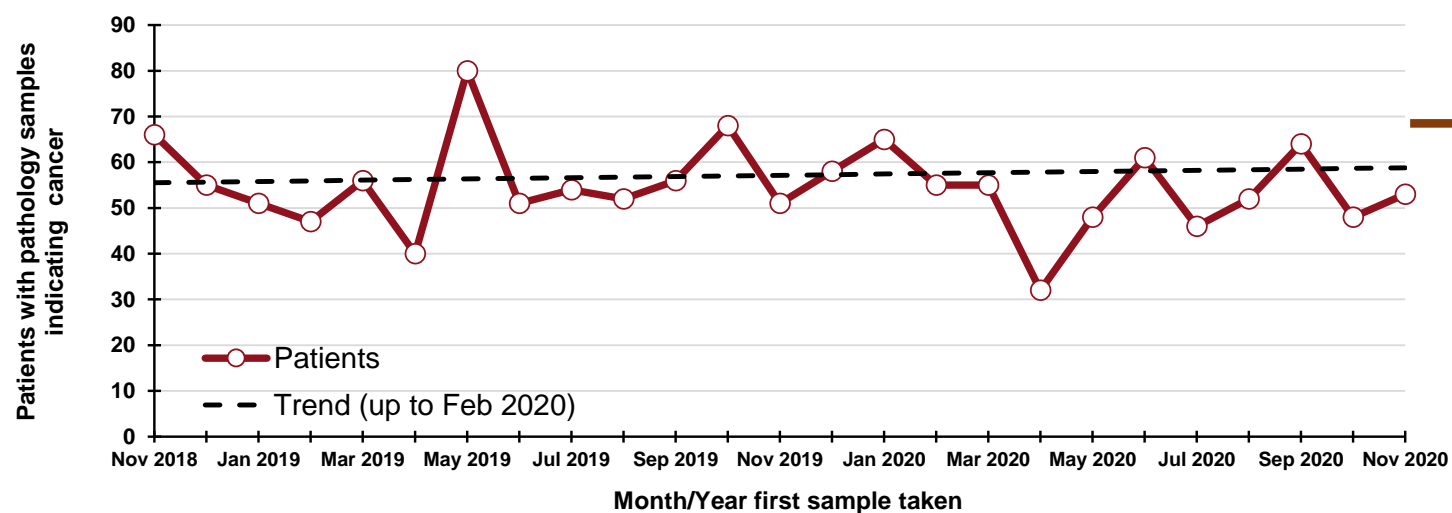
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



70
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	66
Dec 2018	55
Jan 2019	51
Feb 2019	47
Mar 2019	56
Apr 2019	40
May 2019	80
Jun 2019	51
Jul 2019	54
Aug 2019	52
Sep 2019	56
Oct 2019	68
Nov 2019	51
Dec 2019	58
Jan 2020	65
Feb 2020	55
Mar 2020	55
Apr 2020	32
May 2020	48
Jun 2020	61
Jul 2020	46
Aug 2020	52
Sep 2020	64
Oct 2020	48
Nov 2020	53

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	52	64	23%
Oct	66	48	-28%
Nov	60	53	-12%
Dec*	15	8	-48%

* Part only - Up to week 49

By week first sample taken

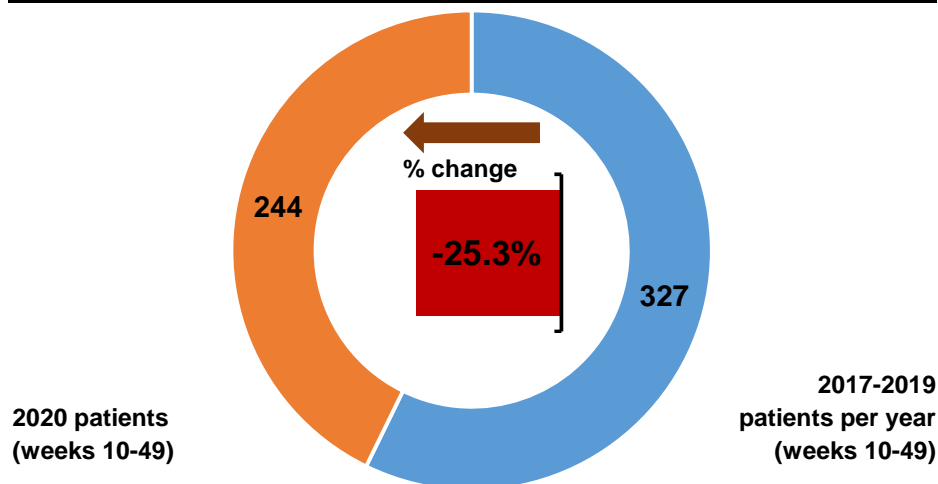
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	9	15			
Week 36 (05 Sep)	12	12			
Week 37 (12 Sep)	10	14			
Week 38 (19 Sep)	14	9			
Week 39 (26 Sep)	14	20	59	70	18%
Week 40 (03 Oct)	14	16	64	71	11%
Week 41 (10 Oct)	16	12	68	71	5%
Week 42 (17 Oct)	13	6	71	63	-11%
Week 43 (24 Oct)	16	15	73	69	-5%
Week 44 (31 Oct)	12	8	72	57	-20%
Week 45 (07 Nov)	14	10	71	51	-29%
Week 46 (14 Nov)	14	15	69	54	-22%
Week 47 (21 Nov)	16	11	72	59	-18%
Week 48 (28 Nov)	13	15	69	59	-14%
Week 49 (05 Dec)	15	10	71	61	-14%

*Date week ended in 2020

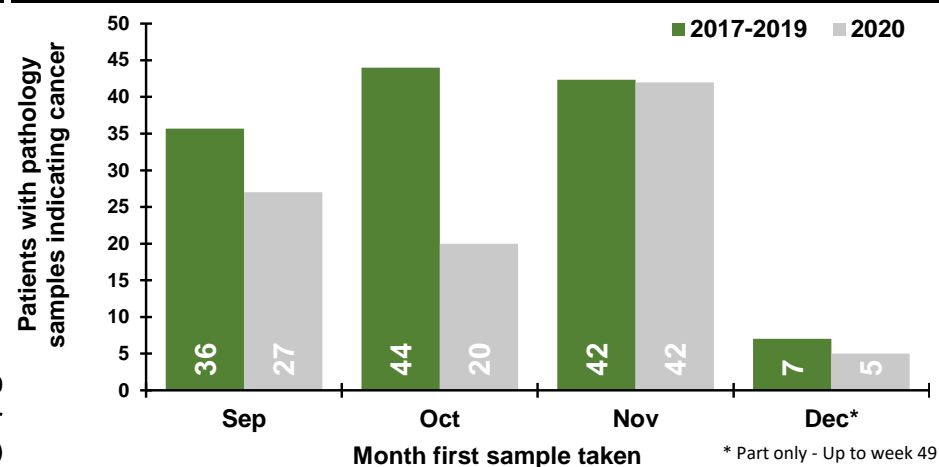
Note: Includes lymphoma (all types), leukaemia (all types), myeloma, malignant immunoproliferative disease and other lymphoid and haematopoietic (ICD10 codes: C81-C96).

Patients with pathology samples indicating malignant melanoma: All persons

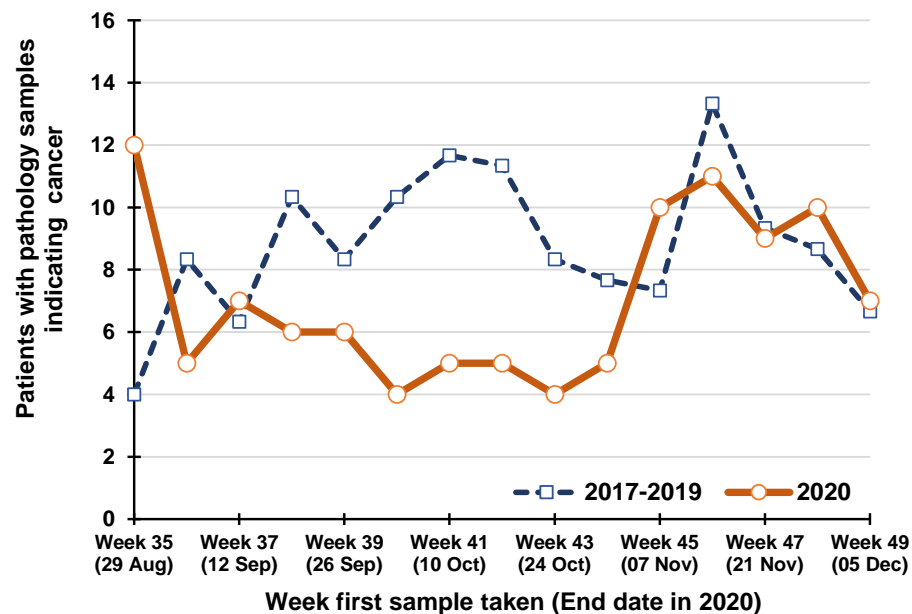
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



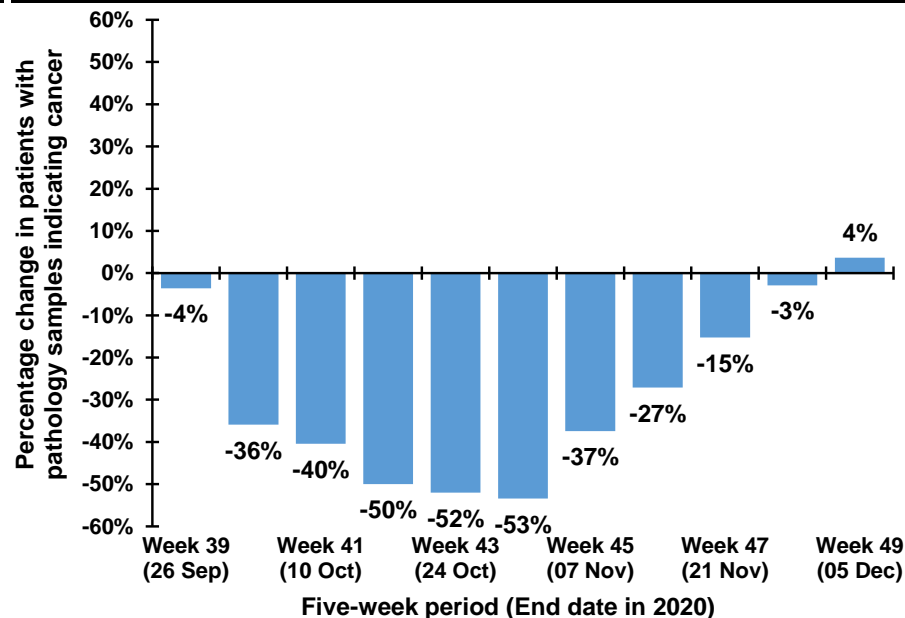
Patients with pathology samples indicating cancer by month first sample taken



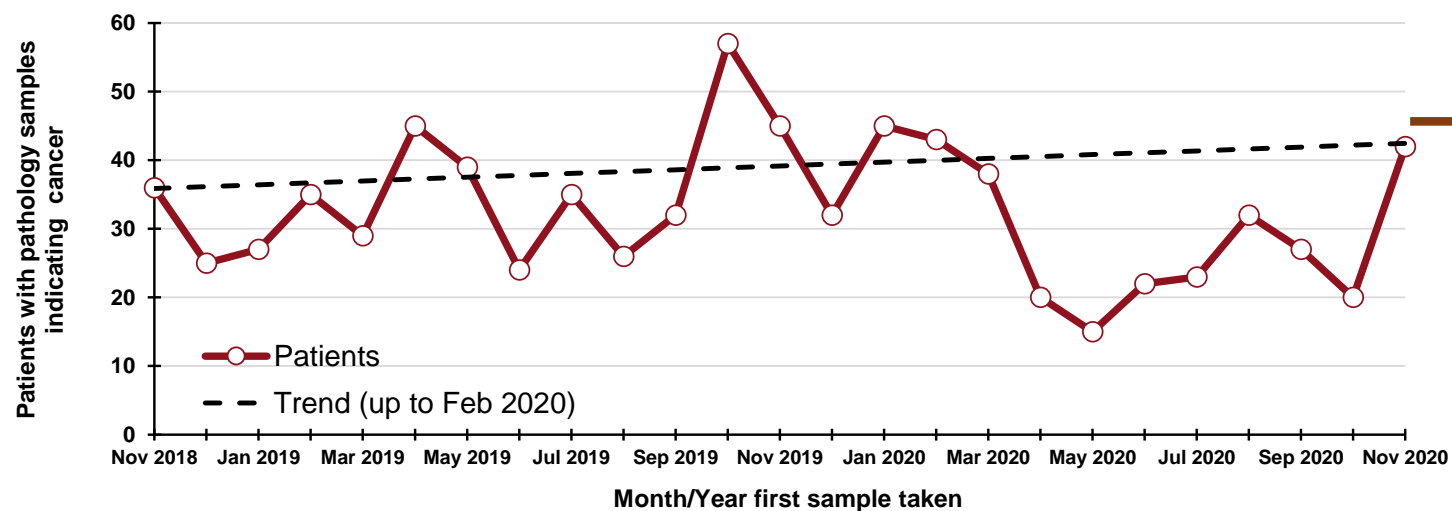
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



130
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	36
Dec 2018	25
Jan 2019	27
Feb 2019	35
Mar 2019	29
Apr 2019	45
May 2019	39
Jun 2019	24
Jul 2019	35
Aug 2019	26
Sep 2019	32
Oct 2019	57
Nov 2019	45
Dec 2019	32
Jan 2020	45
Feb 2020	43
Mar 2020	38
Apr 2020	20
May 2020	15
Jun 2020	22
Jul 2020	23
Aug 2020	32
Sep 2020	27
Oct 2020	20
Nov 2020	42

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	36	27	-24%
Oct	44	20	-55%
Nov	42	42	-1%
Dec*	7	5	-29%

* Part only - Up to week 49

By week first sample taken

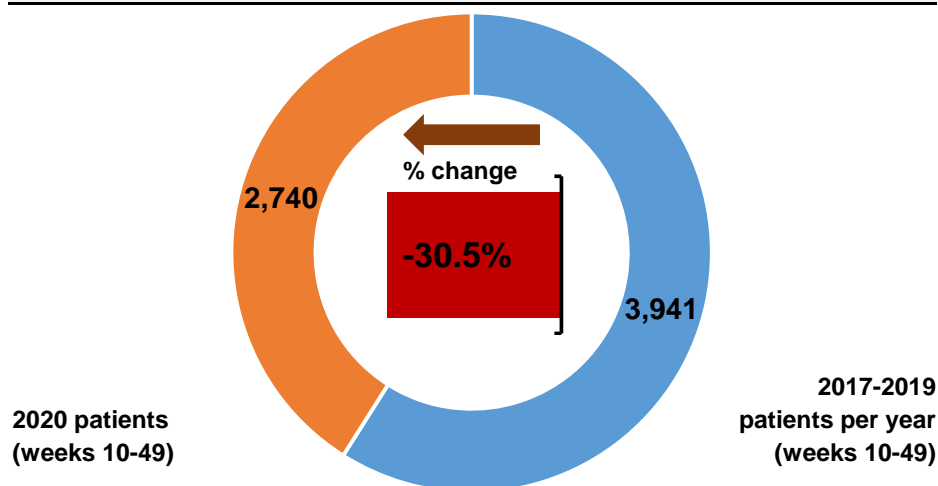
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	4	12			
Week 36 (05 Sep)	8	5			
Week 37 (12 Sep)	6	7			
Week 38 (19 Sep)	10	6			
Week 39 (26 Sep)	8	6	37	36	-4%
Week 40 (03 Oct)	10	4	44	28	-36%
Week 41 (10 Oct)	12	5	47	28	-40%
Week 42 (17 Oct)	11	5	52	26	-50%
Week 43 (24 Oct)	8	4	50	24	-52%
Week 44 (31 Oct)	8	5	49	23	-53%
Week 45 (07 Nov)	7	10	46	29	-37%
Week 46 (14 Nov)	13	11	48	35	-27%
Week 47 (21 Nov)	9	9	46	39	-15%
Week 48 (28 Nov)	9	10	46	45	-3%
Week 49 (05 Dec)	7	7	45	47	4%

*Date week ended in 2020

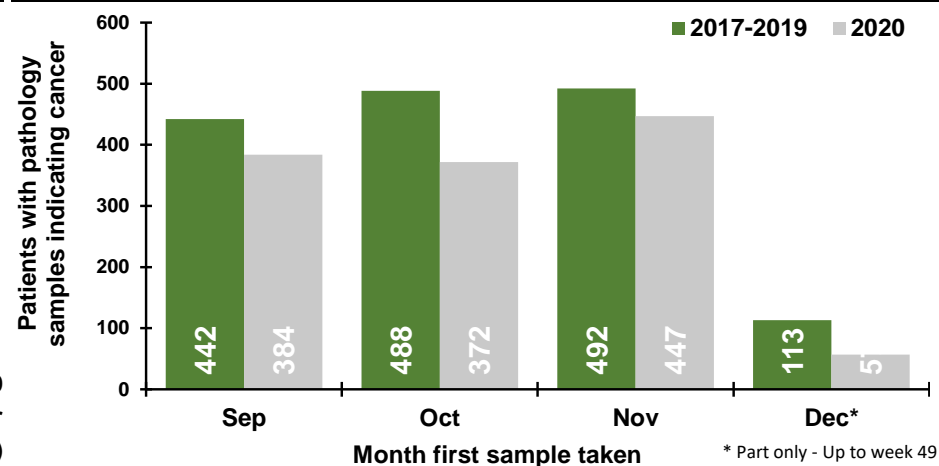
Note: (ICD10 code: C43).

Patients with pathology samples indicating non-melanoma skin cancer: All persons

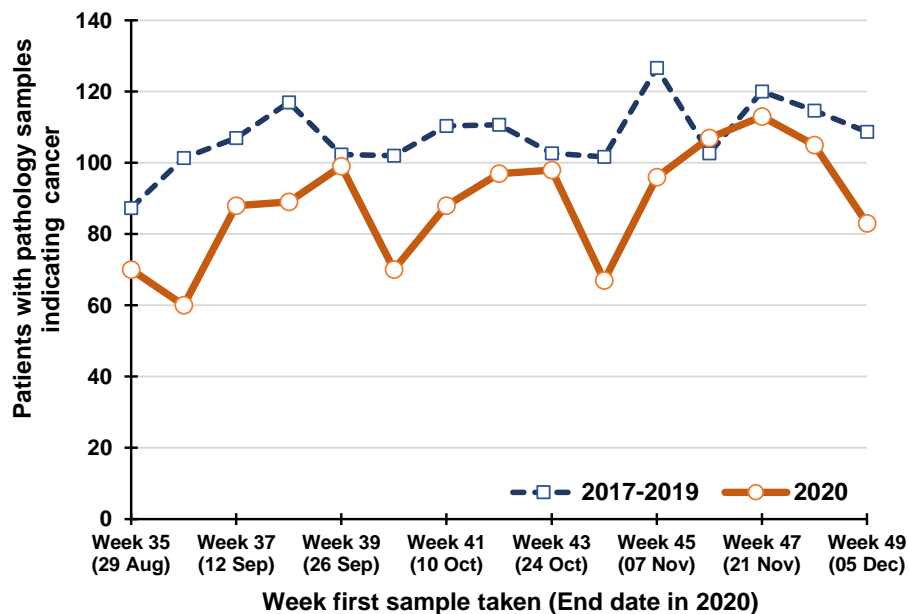
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



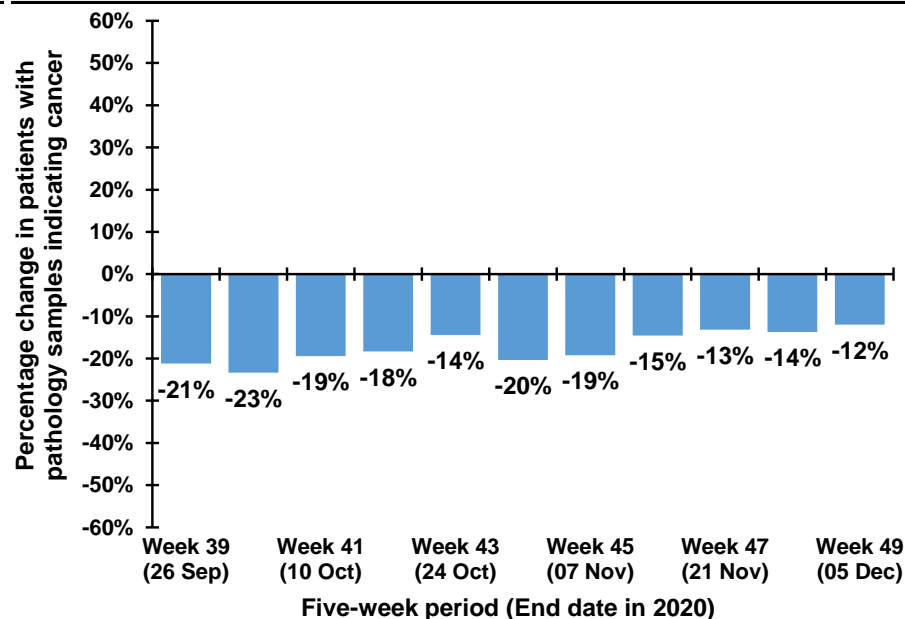
Patients with pathology samples indicating cancer by month first sample taken



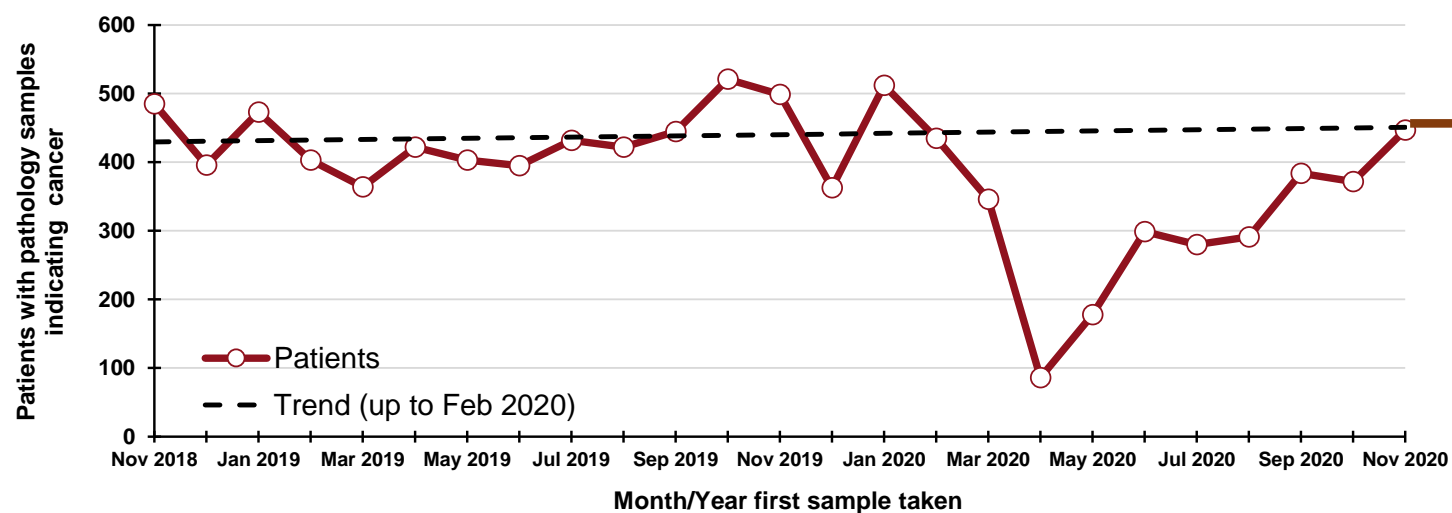
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



1,340
"missed" patients
From 1 Mar - 30 Nov
2020

By month and year first sample taken

Month/Year	Patients
Nov 2018	485
Dec 2018	396
Jan 2019	473
Feb 2019	403
Mar 2019	364
Apr 2019	422
May 2019	403
Jun 2019	395
Jul 2019	432
Aug 2019	422
Sep 2019	445
Oct 2019	521
Nov 2019	499
Dec 2019	363
Jan 2020	512
Feb 2020	435
Mar 2020	346
Apr 2020	86
May 2020	178
Jun 2020	299
Jul 2020	280
Aug 2020	291
Sep 2020	384
Oct 2020	372
Nov 2020	447

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	442	384	-13%
Oct	488	372	-24%
Nov	492	447	-9%
Dec*	113	57	-50%

* Part only - Up to week 49

By week first sample taken

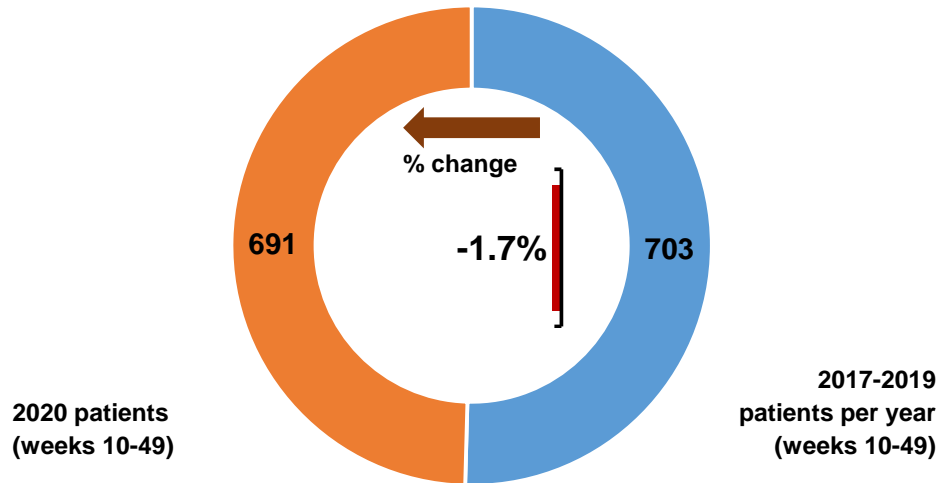
Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	87	70			
Week 36 (05 Sep)	101	60			
Week 37 (12 Sep)	107	88			
Week 38 (19 Sep)	117	89			
Week 39 (26 Sep)	102	99	515	406	-21%
Week 40 (03 Oct)	102	70	530	406	-23%
Week 41 (10 Oct)	110	88	539	434	-19%
Week 42 (17 Oct)	111	97	542	443	-18%
Week 43 (24 Oct)	103	98	528	452	-14%
Week 44 (31 Oct)	102	67	527	420	-20%
Week 45 (07 Nov)	127	96	552	446	-19%
Week 46 (14 Nov)	103	107	544	465	-15%
Week 47 (21 Nov)	120	113	554	481	-13%
Week 48 (28 Nov)	115	105	566	488	-14%
Week 49 (05 Dec)	109	83	573	504	-12%

*Date week ended in 2020

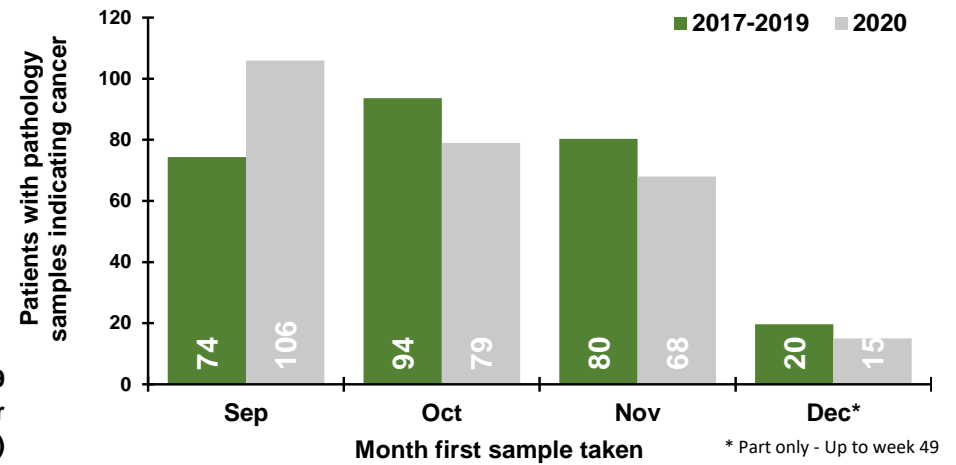
Note: (ICD10 code: C44).

Patients with pathology samples indicating other cancer: All persons

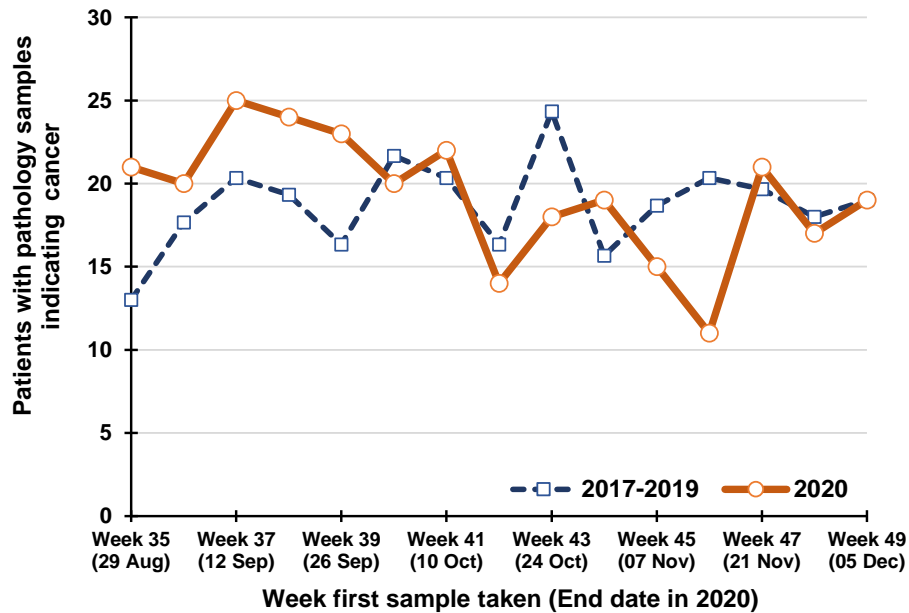
Patients with pathology samples indicating cancer, with first sample taken from 1 Mar 2020 to 05 Dec 2020



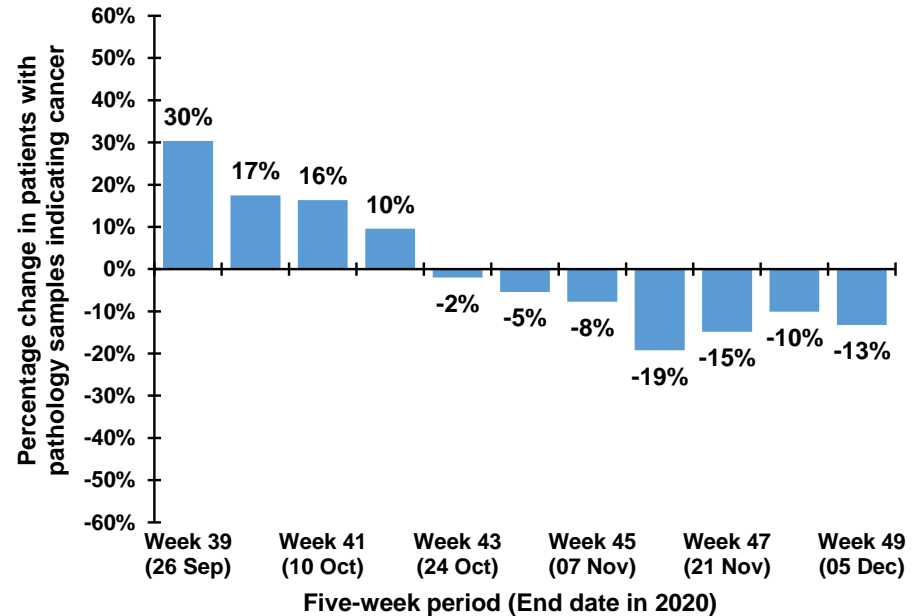
Patients with pathology samples indicating cancer by month first sample taken



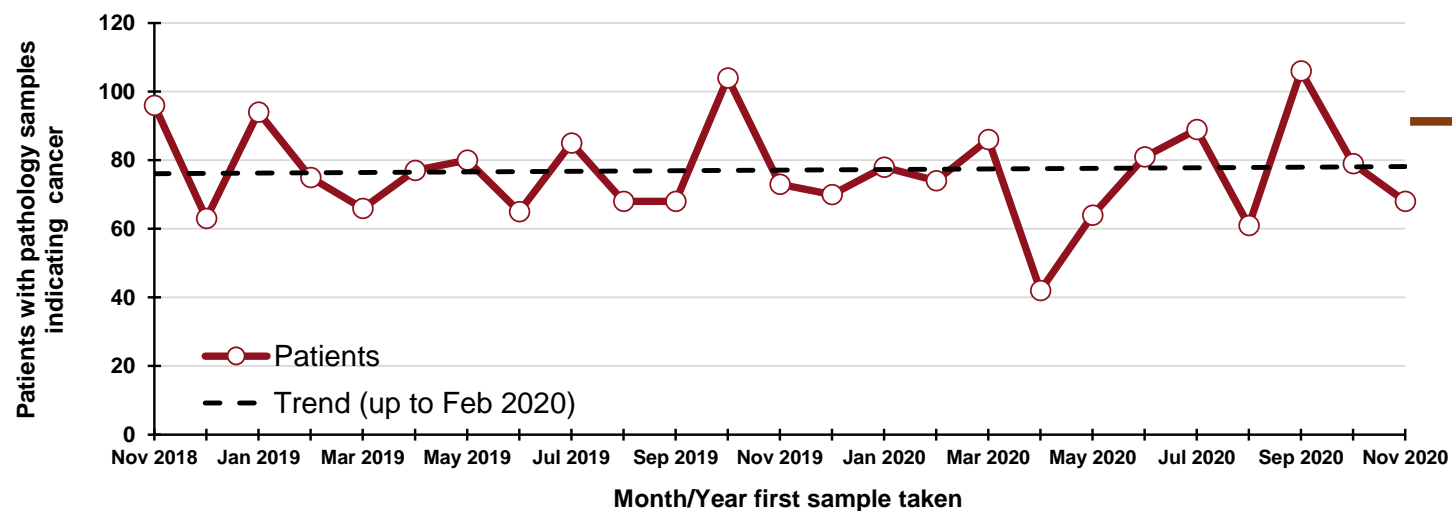
Patients with pathology samples indicating cancer by week first sample taken



Percentage change between 2017-19 and 2020 in patients whose first pathology sample indicating cancer was taken in the previous five weeks



Trend in patients with pathology samples indicating cancer by month and year first sample taken



By month and year first sample taken

Month/Year	Patients
Nov 2018	96
Dec 2018	63
Jan 2019	94
Feb 2019	75
Mar 2019	66
Apr 2019	77
May 2019	80
Jun 2019	65
Jul 2019	85
Aug 2019	68
Sep 2019	68
Oct 2019	104
Nov 2019	73
Dec 2019	70
Jan 2020	78
Feb 2020	74
Mar 2020	86
Apr 2020	42
May 2020	64
Jun 2020	81
Jul 2020	89
Aug 2020	61
Sep 2020	106
Oct 2020	79
Nov 2020	68

DATA TABLES - Trend in patients with pathology samples indicating cancer

By month first sample taken

Month	2017-2019 average	2020	Percentage change
Sep	74	106	43%
Oct	94	79	-16%
Nov	80	68	-15%
Dec*	20	15	-24%

* Part only - Up to week 49

Note: 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.

By week first sample taken

Week number*	2017-2019 average	2020	Five-week rolling total		
			2017-2019 average	2020	Percentage change
Week 35 (29 Aug)	13	21			
Week 36 (05 Sep)	18	20			
Week 37 (12 Sep)	20	25			
Week 38 (19 Sep)	19	24			
Week 39 (26 Sep)	16	23	87	113	30%
Week 40 (03 Oct)	22	20	95	112	17%
Week 41 (10 Oct)	20	22	98	114	16%
Week 42 (17 Oct)	16	14	94	103	10%
Week 43 (24 Oct)	24	18	99	97	-2%
Week 44 (31 Oct)	16	19	98	93	-5%
Week 45 (07 Nov)	19	15	95	88	-8%
Week 46 (14 Nov)	20	11	95	77	-19%
Week 47 (21 Nov)	20	21	99	84	-15%
Week 48 (28 Nov)	18	17	92	83	-10%
Week 49 (05 Dec)	19	19	96	83	-13%

*Date week ended in 2020

Notes:

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 2020. Further samples taken during Jan-Dec may not yet have been recorded as a result was not available by the end of December 2020. The presented figures may thus represent an undercount, particularly for later weeks. However, when comparisons are made with 2017-2019 the same limitation has been applied to all years in order to maintain comparability.
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 in 2020. This is compared with the equivalent Sunday-Saturday week in previous years, although the actual date ending this week in previous years 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. "Missed" patients are calculated based upon the difference between the actual number of patients recorded compared to the number expected, which is based upon the trend in patients diagnosed pathologically from Jan 2017 to Feb 2020. It should be noted that these "missed" patients may be diagnosed clinically instead of pathologically (e.g. as a result of an emergency admission to hospital).

Acknowledgements

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Further Information

Further data is available at: www.qub.ac.uk/nicr
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