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

October 2020 Update

Acknowledgements: The Northern Ireland Cancer Registry (NICR) is funded by the Public Health Agency. NICR uses data provided by patients and collected by the health service as part of their care and support.

Contents

	Page
Summary	3
Number of pathology samples indicating cancer - All persons	5
Number of pathology samples indicating cancer - Males	7
Number of pathology samples indicating cancer - Females	9
Number of pathology samples indicating cancer - Ages 0-69	11
Number of pathology samples indicating cancer - Ages 70 and over	13
Number of pathology samples indicating cancer - Belfast	15
Number of pathology samples indicating cancer - Altnagelvin	17
Number of pathology samples indicating cancer - Antrim	19
Number of pathology samples indicating cancer - Craigavon	21
Number of pathology samples indicating bowel cancer - All persons	23
Number of pathology samples indicating bowel cancer - All persons, screening age	25
Number of pathology samples indicating lung cancer - All persons	27
Number of pathology samples indicating breast cancer - Females	29
Number of pathology samples indicating breast cancer - Females, screening age	31
Number of pathology samples indicating prostate cancer - Males	33
Number of pathology samples indicating gynaecological cancer - Females	35
Number of pathology samples indicating upper gastrointestinal cancer - All persons	37
Number of pathology samples indicating head & neck cancer - All persons	39
Number of pathology samples indicating urinary cancer - All persons	41
Number of pathology samples indicating haematological cancer - All persons	43
Number of pathology samples indicating malignant melanoma - All persons	45
Number of pathology samples indicating non-melanoma skin cancer - All persons	47
Number of pathology samples indicating other cancer - All persons	49
Notes	51

SUMMARY	Recent trends in the number of pathology samples indicating cancer: Oct 2020

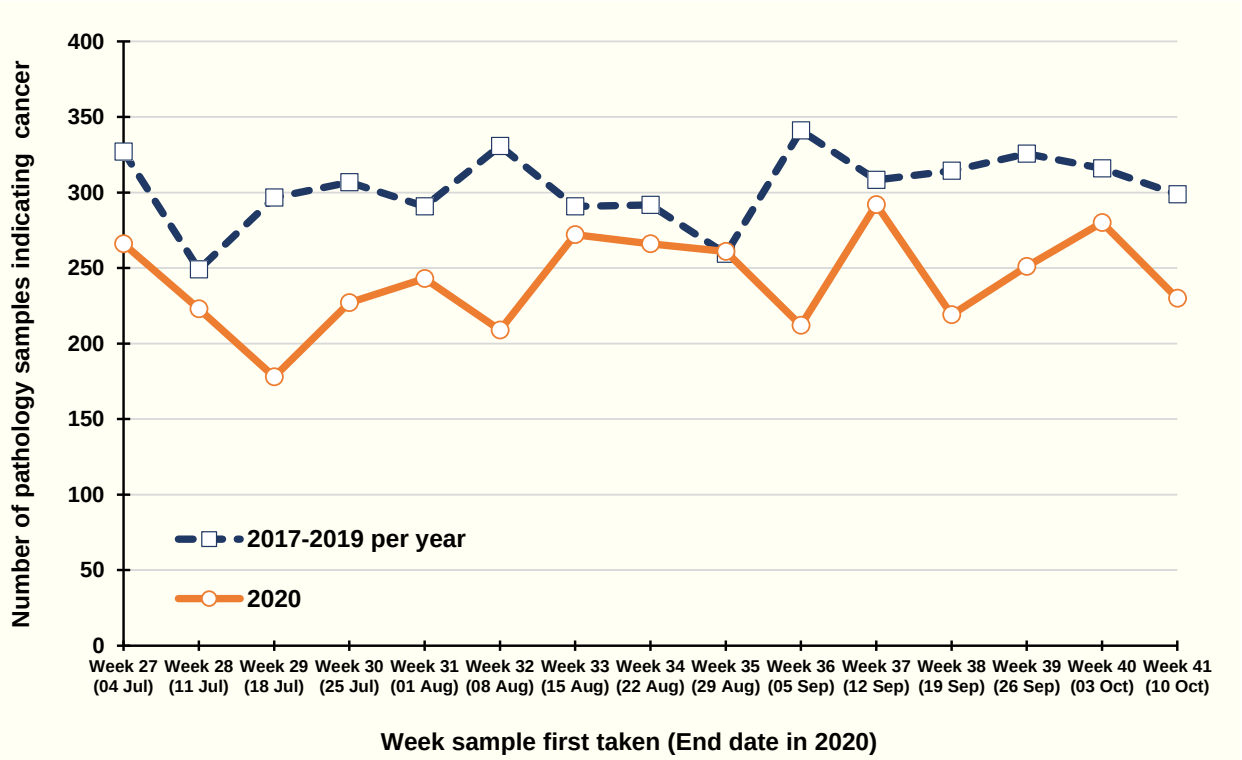
1) This summary provides an overview of recent trends in the number of pathology samples indicating cancer (excluding non-melanoma skin cancer, NMSC) which were taken from 1st January 2020 to the week ending 10th October 2020 in Northern Ireland.

2) These trends are contrasted with the annual average number of pathology samples indicating cancer (ex NMSC) during 2017-2019 in order to provide an indication of the potential impact of the Covid-19 restrictions on diagnostic cancer services.

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 number of pathology samples indicating cancer by week first sample taken

4) From 1st March to 12th September 2020, the number of pathological samples indicating cancer was 26% lower than the average number for the same time period in 2017-2019.



Percentage change between 2017-2019 and 2020 in the number of pathology samples indicating cancer, taken in weeks 37-41 of each year (6 September to 10 October in 2020)

5) **Patient demographics**

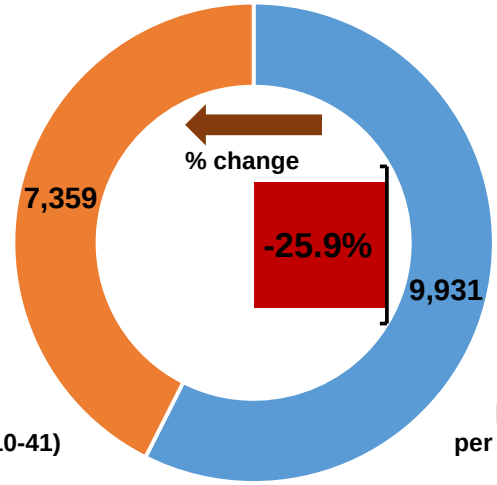
There was a 19% reduction in the number of pathology samples indicating cancer in weeks 37-41 of 2020, compared to the average value for weeks 37-41 in 2017-2019. In particular, there was a 21% decrease among males and a 17% decrease among females. A decrease of 21% occurred in the number of samples among patients aged 0-69 years, while a decrease of 15% occurred among those aged 70 and older. Reductions were greatest in Antrim (27%), but decreases were also recorded in Belfast (18%), Altnagelvin (12%) and Craigavon (20%).

6) **Cancer type**

Compared to the annual average for weeks 37-41 in 2017-2019, the number of pathology samples indicating lung cancer in 2020 decreased by 30%, while those indicating prostate cancer decreased by 20%. Only, the number of pathology samples indicating haematological or other cancer increased between 2017-2019 and 2020.

Number of pathology samples indicating cancer (ex NMSC): All persons

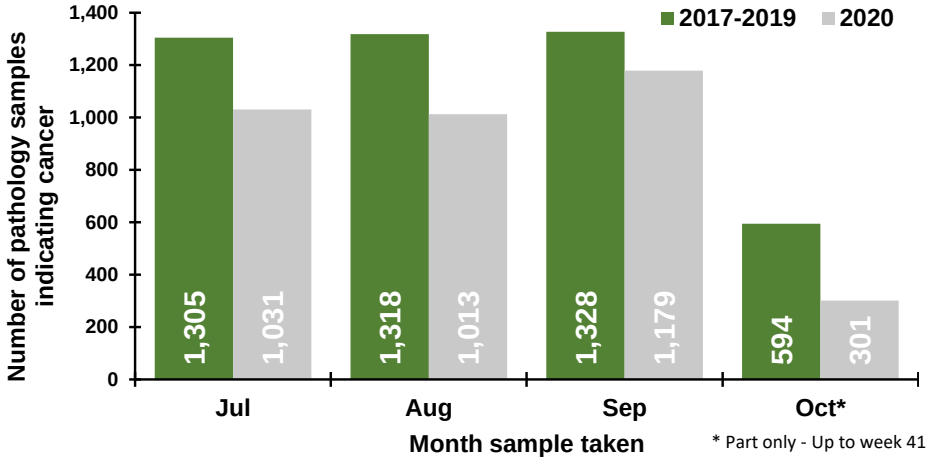
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



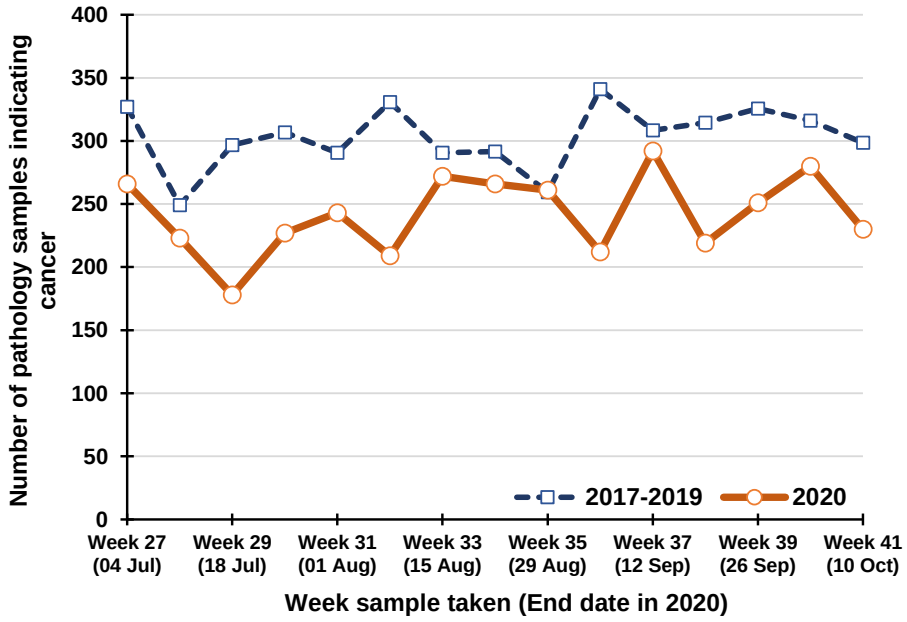
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

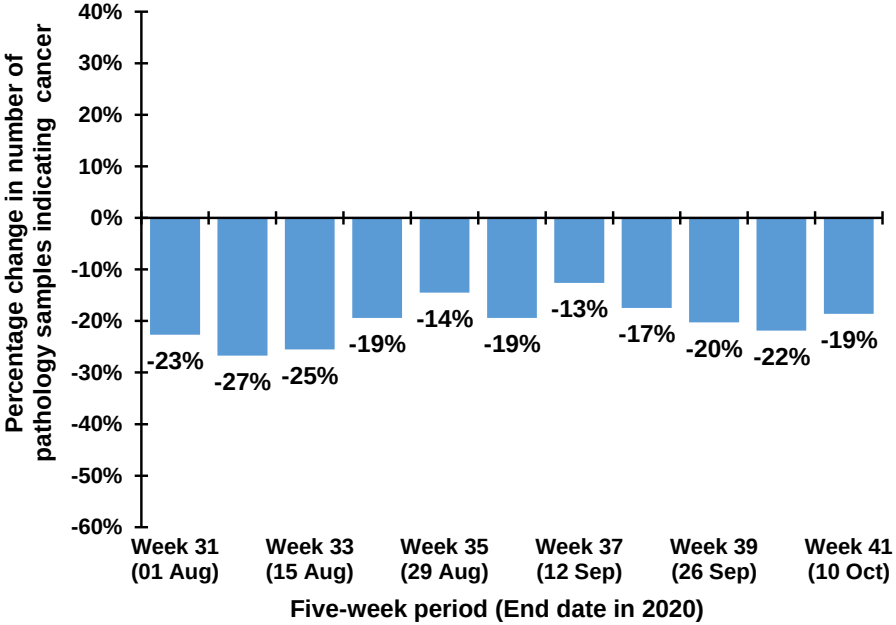
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

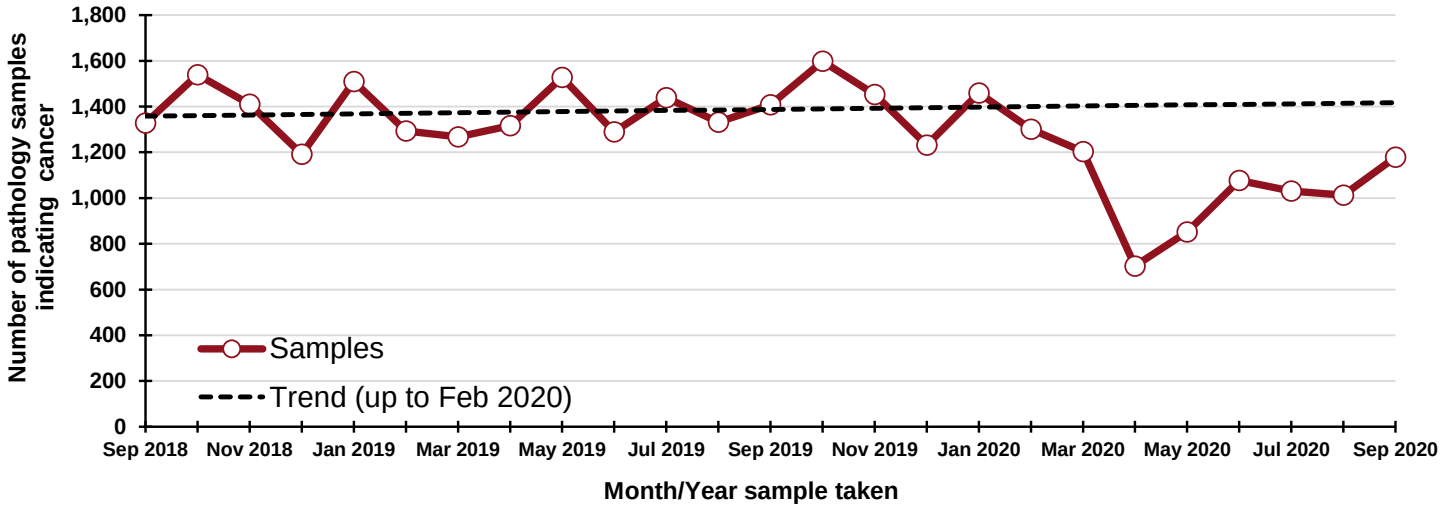


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	1,305	1,031	-21%
Aug	1,318	1,013	-23%
Sep	1,328	1,179	-11%
Oct*	594	301	-49%

** Part only - Up to week 41*

By week sample taken

			Five-week rolling total		
Week number*	**2017-2019 average**	**2020**	**2017-2019 average**	**2020**	**Percentage change**
Week 27 (04 Jul)	327	266			
Week 28 (11 Jul)	249	223			
Week 29 (18 Jul)	297	178			
Week 30 (25 Jul)	307	227			
Week 31 (01 Aug)	291	243	1,470	1,137	-23%
Week 32 (08 Aug)	331	209	1,474	1,080	-27%
Week 33 (15 Aug)	291	272	1,515	1,129	-25%
Week 34 (22 Aug)	292	266	1,510	1,217	-19%
Week 35 (29 Aug)	259	261	1,463	1,251	-14%
Week 36 (05 Sep)	341	212	1,513	1,220	-19%
Week 37 (12 Sep)	308	292	1,491	1,303	-13%
Week 38 (19 Sep)	314	219	1,515	1,250	-17%
Week 39 (26 Sep)	326	251	1,549	1,235	-20%
Week 40 (03 Oct)	316	280	1,605	1,254	-22%
Week 41 (10 Oct)	299	230	1,563	1,272	-19%

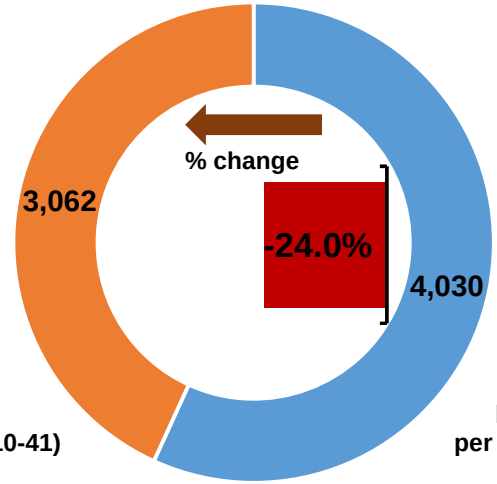
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	1,328
Oct 2018	1,539
Nov 2018	1,410
Dec 2018	1,192
Jan 2019	1,509
Feb 2019	1,293
Mar 2019	1,267
Apr 2019	1,317
May 2019	1,527
Jun 2019	1,290
Jul 2019	1,439
Aug 2019	1,332
Sep 2019	1,408
Oct 2019	1,598
Nov 2019	1,453
Dec 2019	1,232
Jan 2020	1,459
Feb 2020	1,301
Mar 2020	1,203
Apr 2020	703
May 2020	852
Jun 2020	1,077
Jul 2020	1,031
Aug 2020	1,013
Sep 2020	1,179

Number of pathology samples indicating cancer (ex NMSC): Males

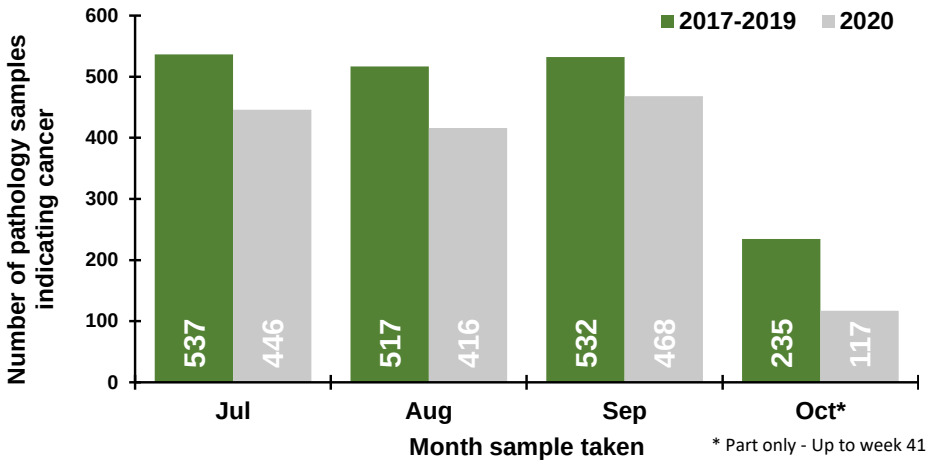
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



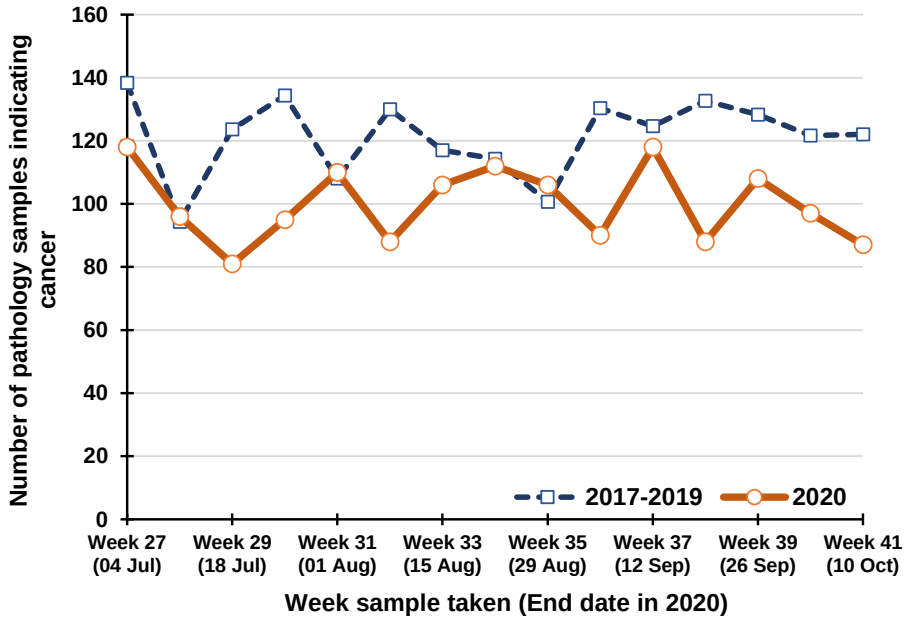
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

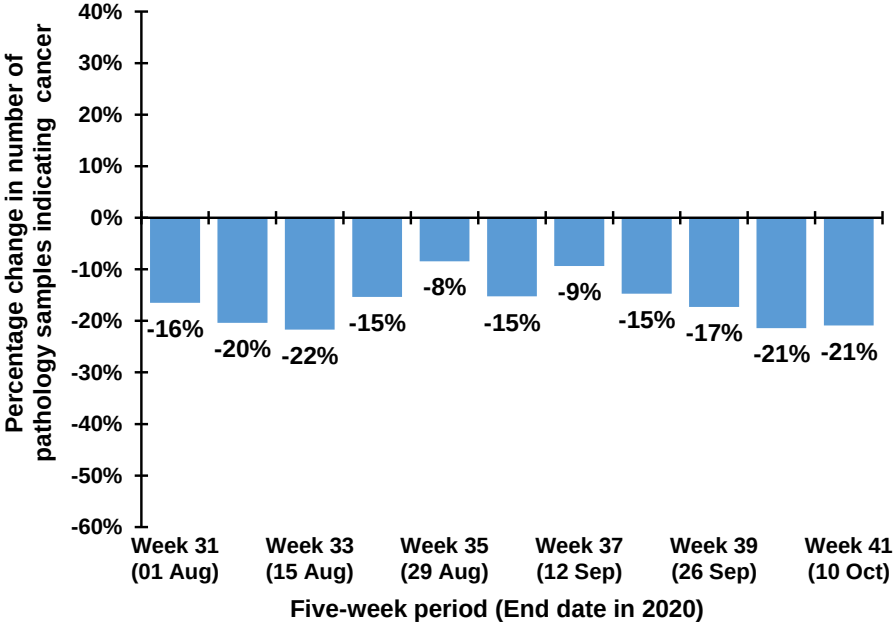
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

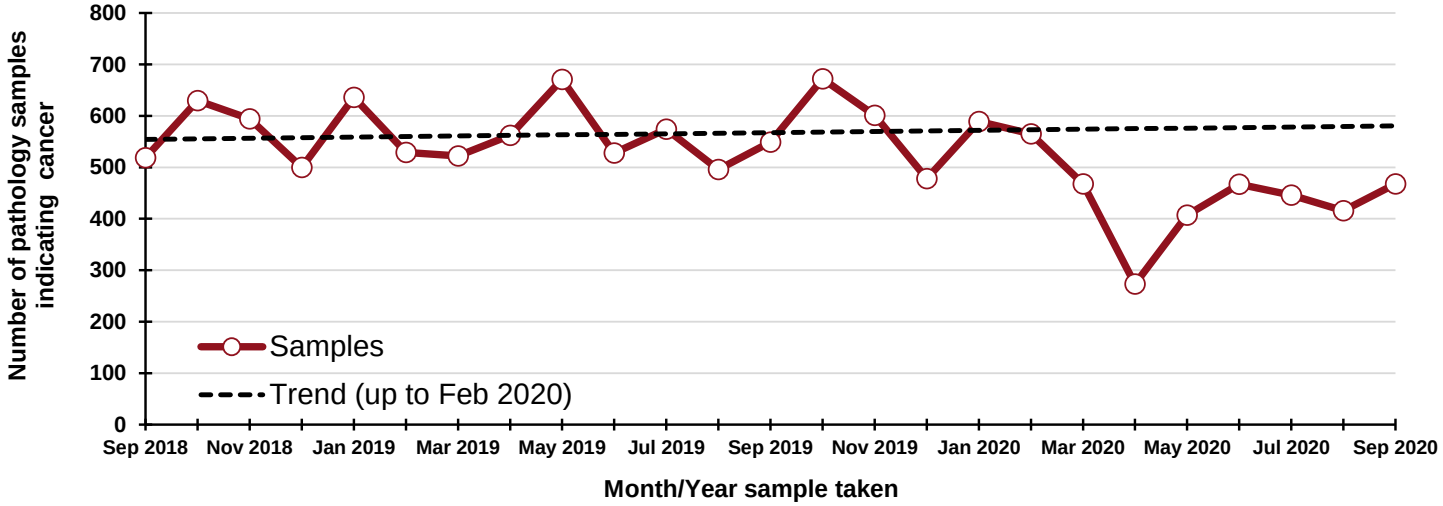


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	537	446	-17%
Aug	517	416	-19%
Sep	532	468	-12%
Oct*	235	117	-50%

** Part only - Up to week 41*

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	138	118			
Week 28 (11 Jul)	94	96			
Week 29 (18 Jul)	124	81			
Week 30 (25 Jul)	134	95			
Week 31 (01 Aug)	108	110	599	500	-16%
Week 32 (08 Aug)	130	88	590	470	-20%
Week 33 (15 Aug)	117	106	613	480	-22%
Week 34 (22 Aug)	114	112	604	511	-15%
Week 35 (29 Aug)	101	106	570	522	-8%
Week 36 (05 Sep)	130	90	592	502	-15%
Week 37 (12 Sep)	125	118	587	532	-9%
Week 38 (19 Sep)	133	88	603	514	-15%
Week 39 (26 Sep)	128	108	617	510	-17%
Week 40 (03 Oct)	122	97	638	501	-21%
Week 41 (10 Oct)	122	87	629	498	-21%

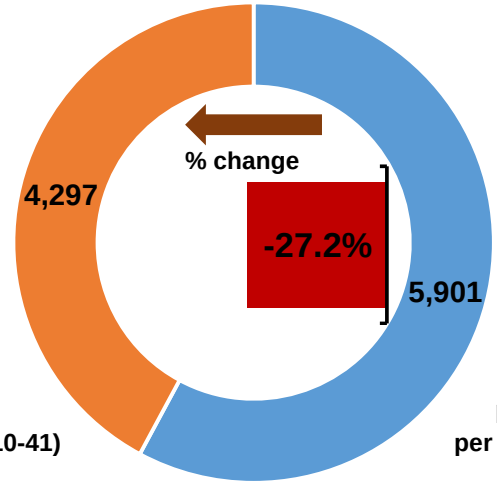
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	519
Oct 2018	630
Nov 2018	594
Dec 2018	500
Jan 2019	636
Feb 2019	529
Mar 2019	522
Apr 2019	562
May 2019	671
Jun 2019	528
Jul 2019	574
Aug 2019	496
Sep 2019	549
Oct 2019	672
Nov 2019	601
Dec 2019	478
Jan 2020	589
Feb 2020	565
Mar 2020	468
Apr 2020	273
May 2020	407
Jun 2020	467
Jul 2020	446
Aug 2020	416
Sep 2020	468

Number of pathology samples indicating cancer (ex NMSC): Females

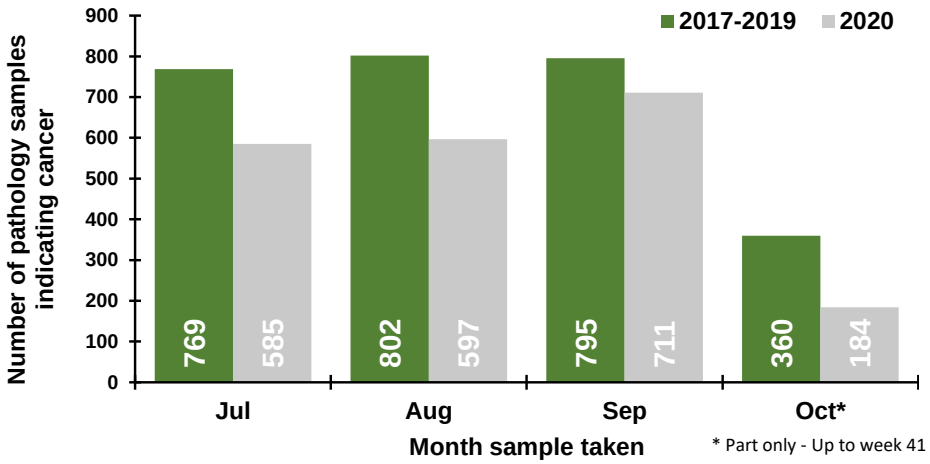
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



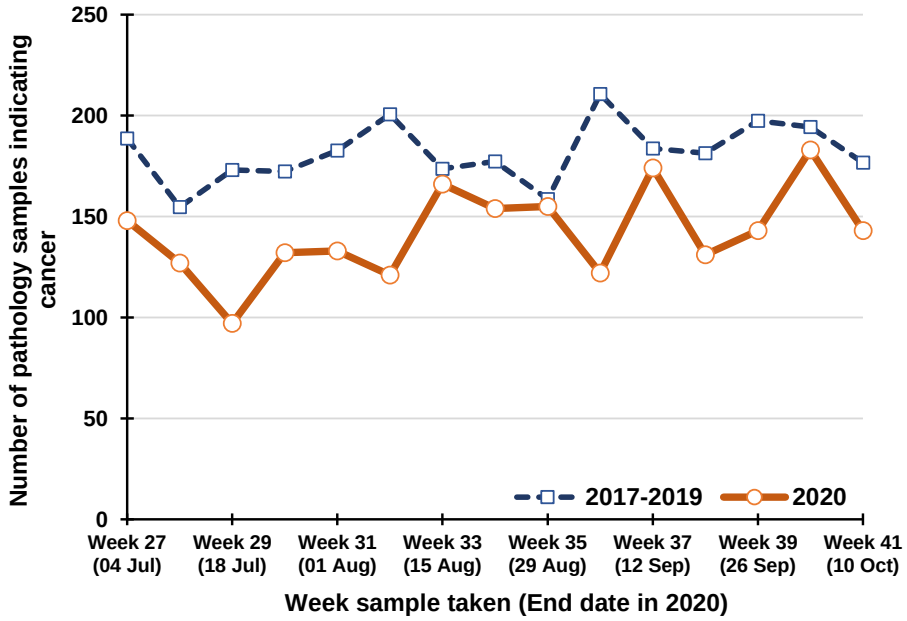
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

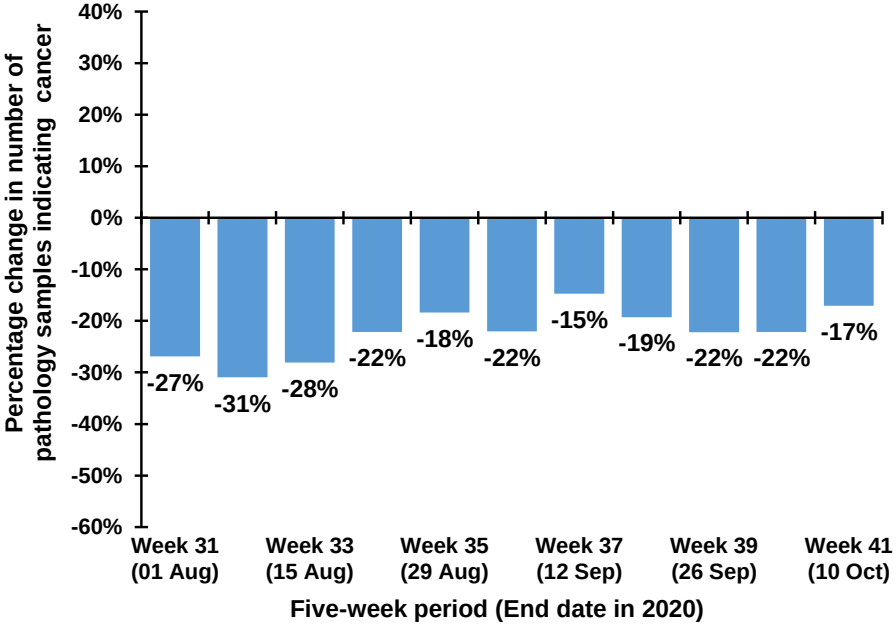
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

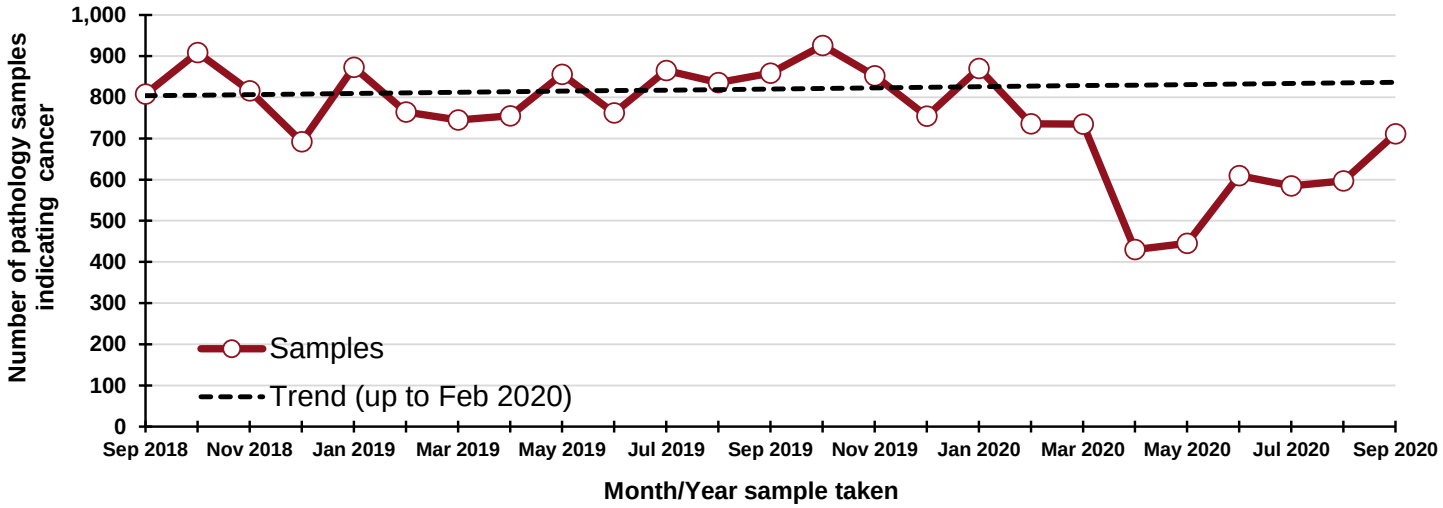


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	769	585	-24%
Aug	802	597	-26%
Sep	795	711	-11%
Oct*	360	184	-49%

** Part only - Up to week 41*

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	189	148			
Week 28 (11 Jul)	155	127			
Week 29 (18 Jul)	173	97			
Week 30 (25 Jul)	172	132			
Week 31 (01 Aug)	183	133	871	637	-27%
Week 32 (08 Aug)	201	121	883	610	-31%
Week 33 (15 Aug)	174	166	902	649	-28%
Week 34 (22 Aug)	177	154	907	706	-22%
Week 35 (29 Aug)	159	155	893	729	-18%
Week 36 (05 Sep)	211	122	921	718	-22%
Week 37 (12 Sep)	184	174	904	771	-15%
Week 38 (19 Sep)	181	131	912	736	-19%
Week 39 (26 Sep)	197	143	932	725	-22%
Week 40 (03 Oct)	194	183	967	753	-22%
Week 41 (10 Oct)	177	143	933	774	-17%

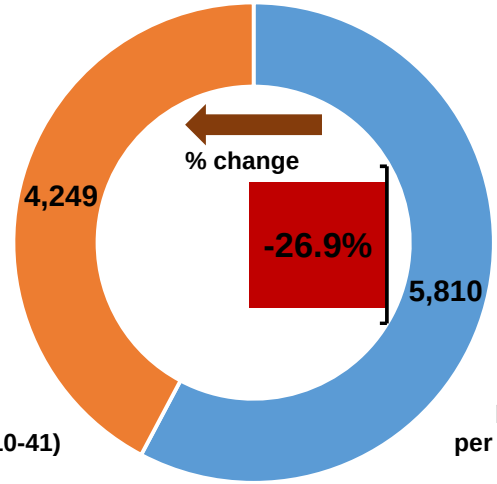
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	808
Oct 2018	909
Nov 2018	816
Dec 2018	692
Jan 2019	873
Feb 2019	764
Mar 2019	745
Apr 2019	755
May 2019	856
Jun 2019	762
Jul 2019	865
Aug 2019	836
Sep 2019	859
Oct 2019	926
Nov 2019	852
Dec 2019	754
Jan 2020	870
Feb 2020	736
Mar 2020	735
Apr 2020	430
May 2020	445
Jun 2020	610
Jul 2020	585
Aug 2020	597
Sep 2020	711

Number of pathology samples indicating cancer (ex NMSC): Ages 0 to 69

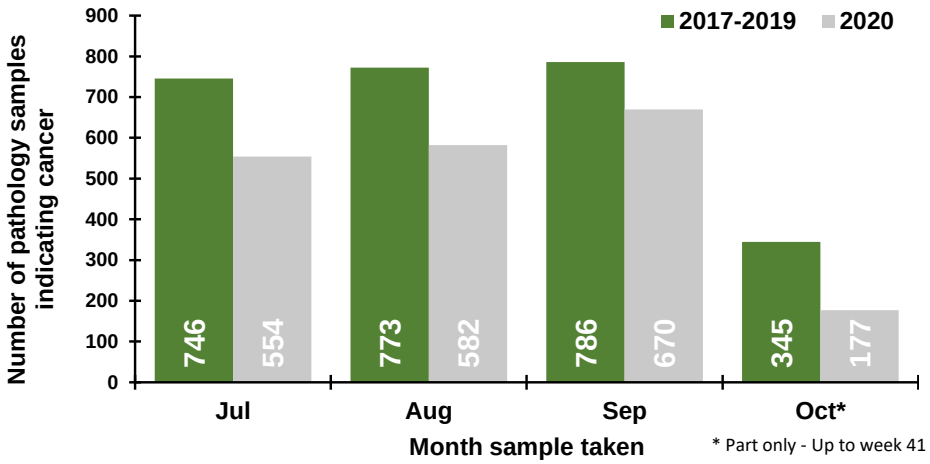
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



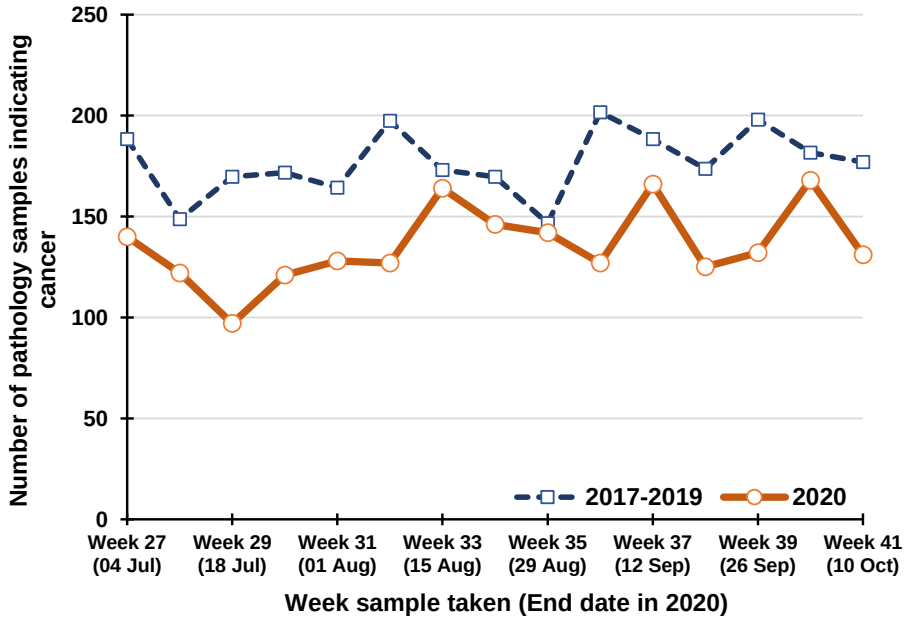
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

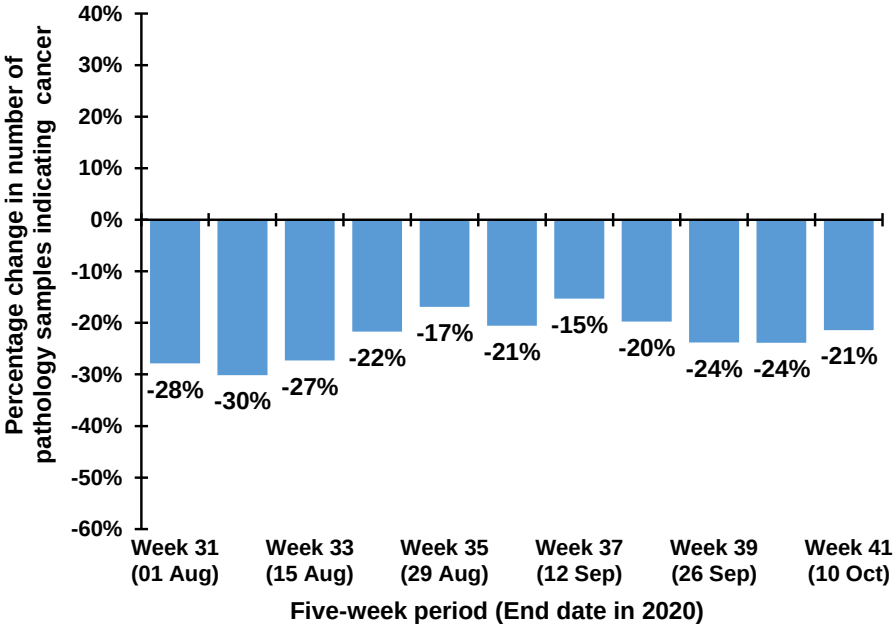
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

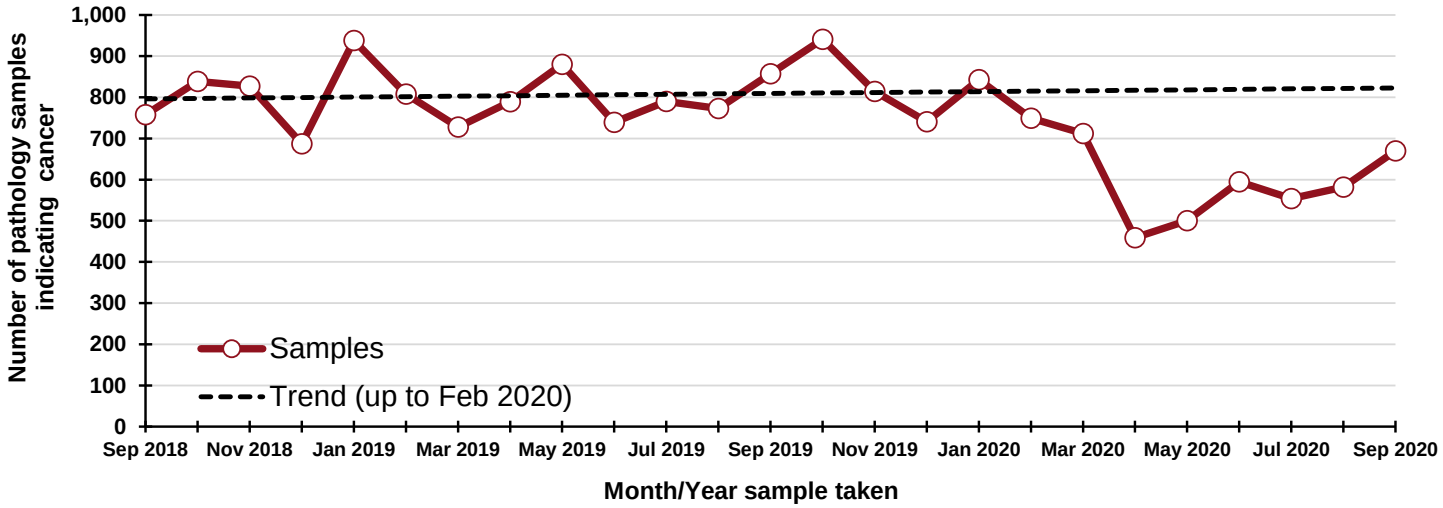


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	746	554	-26%
Aug	773	582	-25%
Sep	786	670	-15%
Oct*	345	177	-49%

** Part only - Up to week 41*

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	188	140			
Week 28 (11 Jul)	149	122			
Week 29 (18 Jul)	170	97			
Week 30 (25 Jul)	172	121			
Week 31 (01 Aug)	164	128	843	608	-28%
Week 32 (08 Aug)	197	127	852	595	-30%
Week 33 (15 Aug)	173	164	876	637	-27%
Week 34 (22 Aug)	170	146	876	686	-22%
Week 35 (29 Aug)	147	142	851	707	-17%
Week 36 (05 Sep)	202	127	888	706	-21%
Week 37 (12 Sep)	188	166	879	745	-15%
Week 38 (19 Sep)	174	125	880	706	-20%
Week 39 (26 Sep)	198	132	908	692	-24%
Week 40 (03 Oct)	182	168	943	718	-24%
Week 41 (10 Oct)	177	131	919	722	-21%

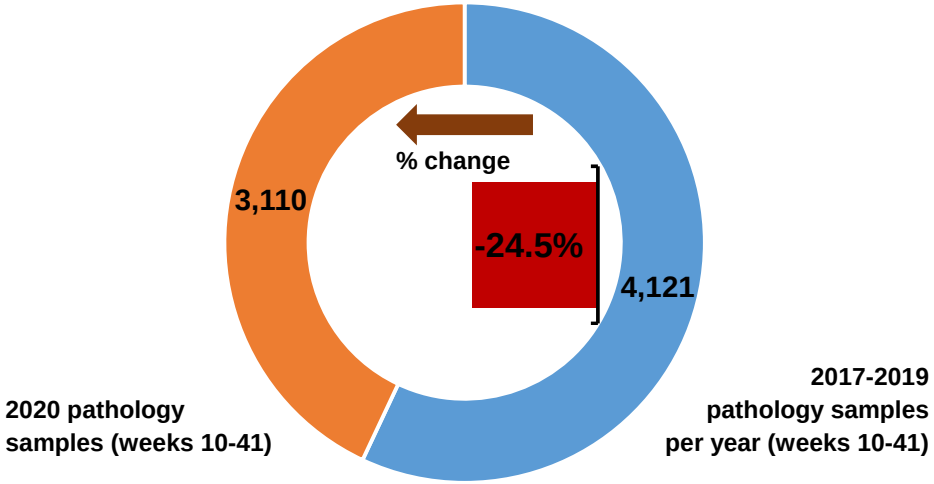
**Date week ended in 2020*

By month and year sample taken

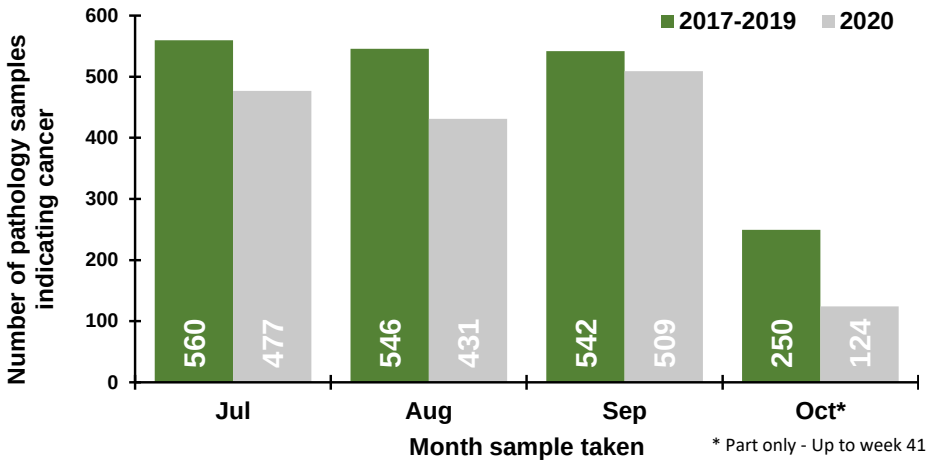
Month/Year	Samples
Sep 2018	758
Oct 2018	839
Nov 2018	827
Dec 2018	687
Jan 2019	938
Feb 2019	808
Mar 2019	728
Apr 2019	789
May 2019	880
Jun 2019	739
Jul 2019	790
Aug 2019	773
Sep 2019	857
Oct 2019	941
Nov 2019	814
Dec 2019	741
Jan 2020	843
Feb 2020	749
Mar 2020	712
Apr 2020	459
May 2020	500
Jun 2020	595
Jul 2020	554
Aug 2020	582
Sep 2020	670

Number of pathology samples indicating cancer (ex NMSC): Ages 70 and over

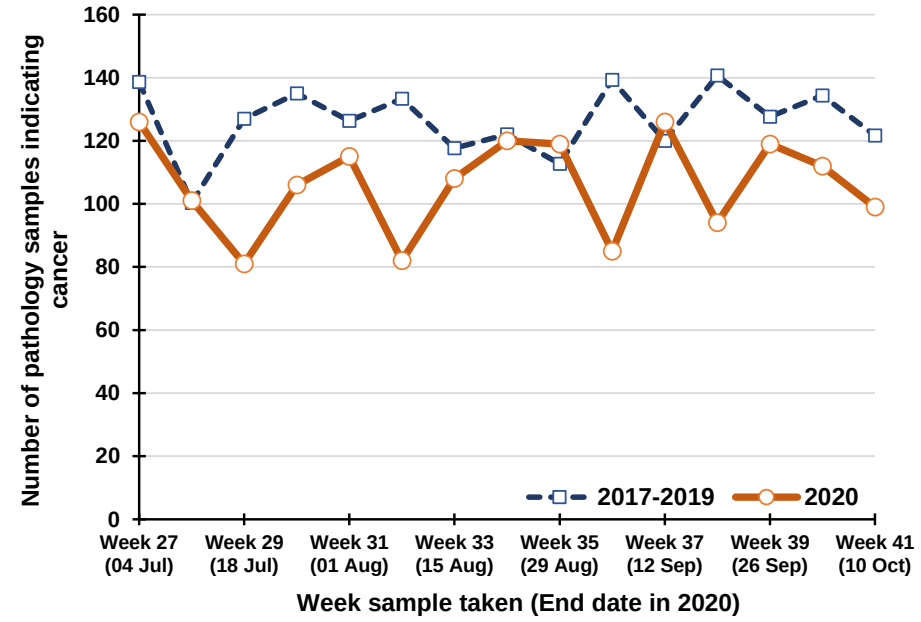
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



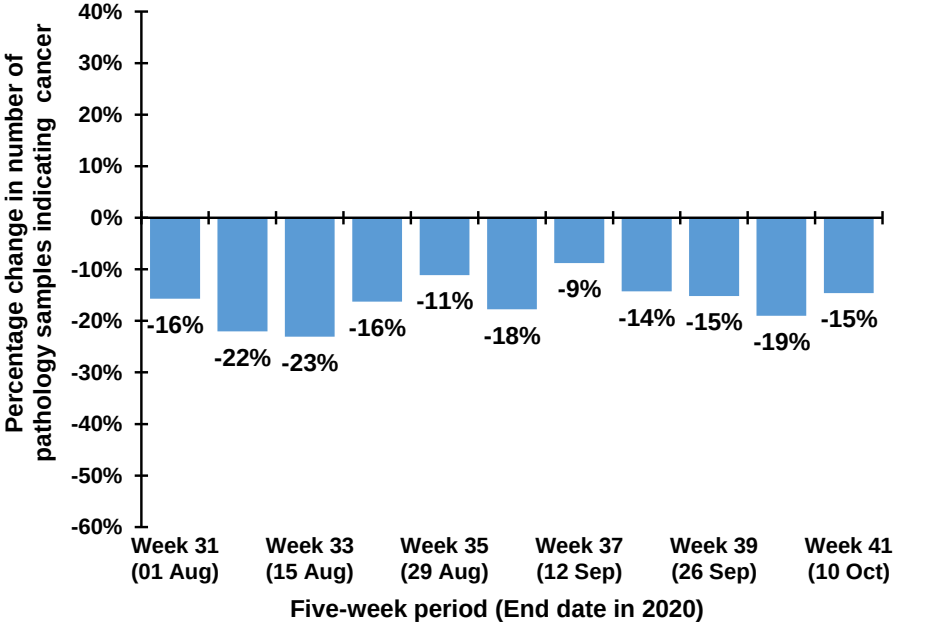
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken



Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



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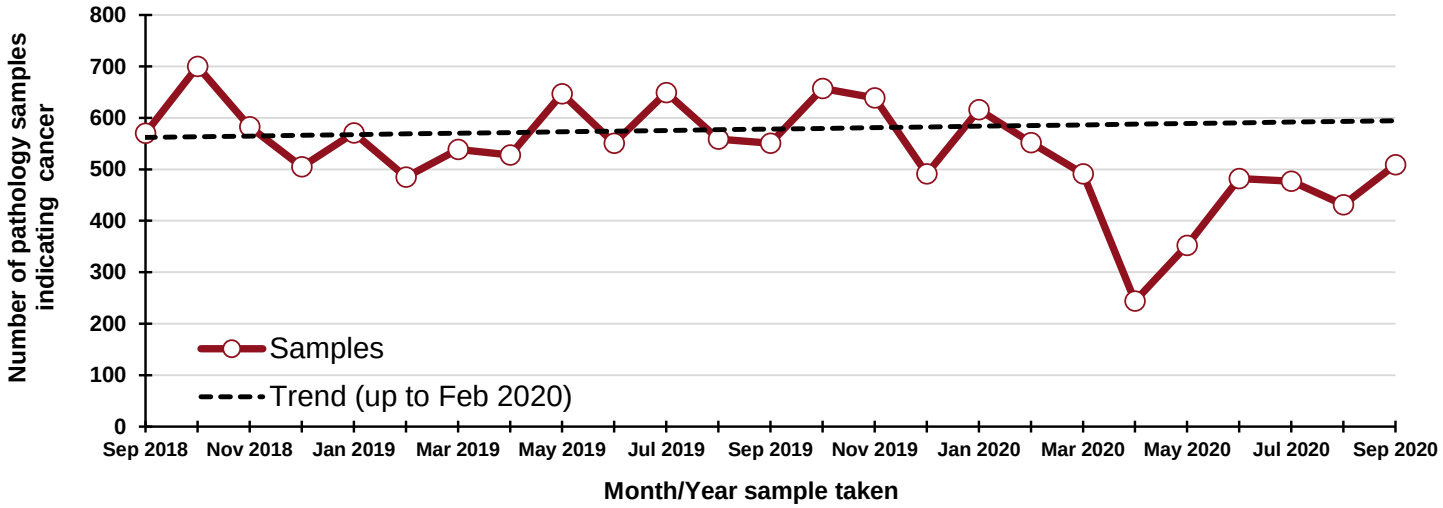
Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	560	477	-15%
Aug	546	431	-21%
Sep	542	509	-6%
Oct*	250	124	-50%

** Part only - Up to week 41*

By week sample taken

			Five-week rolling total		
Week number*	2017-2019 average	2020	2017-2019 average	2020	Percentage change
Week 27 (04 Jul)	139	126			
Week 28 (11 Jul)	100	101			
Week 29 (18 Jul)	127	81			
Week 30 (25 Jul)	135	106			
Week 31 (01 Aug)	126	115	627	529	-16%
Week 32 (08 Aug)	133	82	622	485	-22%
Week 33 (15 Aug)	118	108	639	492	-23%
Week 34 (22 Aug)	122	120	634	531	-16%
Week 35 (29 Aug)	113	119	612	544	-11%
Week 36 (05 Sep)	139	85	625	514	-18%
Week 37 (12 Sep)	120	126	612	558	-9%
Week 38 (19 Sep)	141	94	635	544	-14%
Week 39 (26 Sep)	128	119	640	543	-15%
Week 40 (03 Oct)	134	112	662	536	-19%
Week 41 (10 Oct)	122	99	644	550	-15%

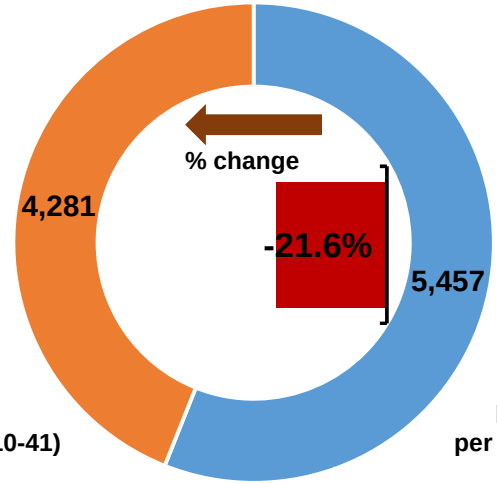
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	570
Oct 2018	700
Nov 2018	583
Dec 2018	505
Jan 2019	571
Feb 2019	485
Mar 2019	539
Apr 2019	528
May 2019	647
Jun 2019	551
Jul 2019	649
Aug 2019	559
Sep 2019	551
Oct 2019	657
Nov 2019	639
Dec 2019	491
Jan 2020	616
Feb 2020	552
Mar 2020	491
Apr 2020	244
May 2020	352
Jun 2020	482
Jul 2020	477
Aug 2020	431
Sep 2020	509

Number of pathology samples indicating cancer (ex NMSC): Belfast laboratory

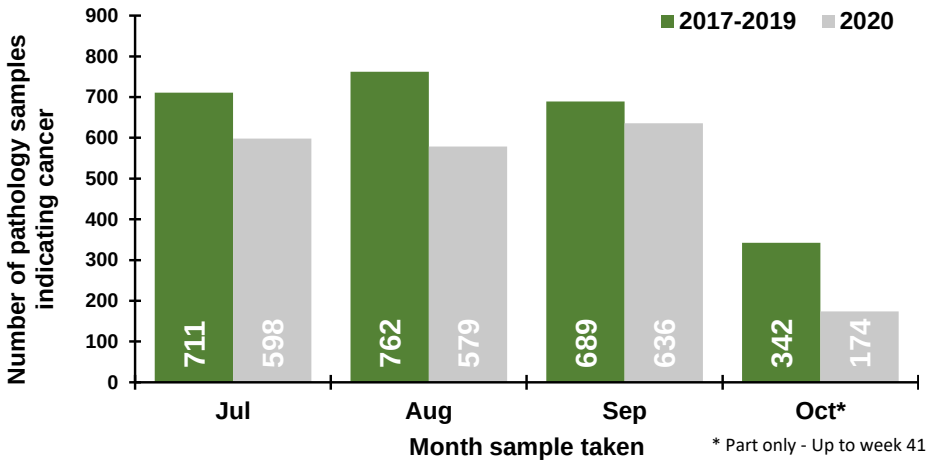
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



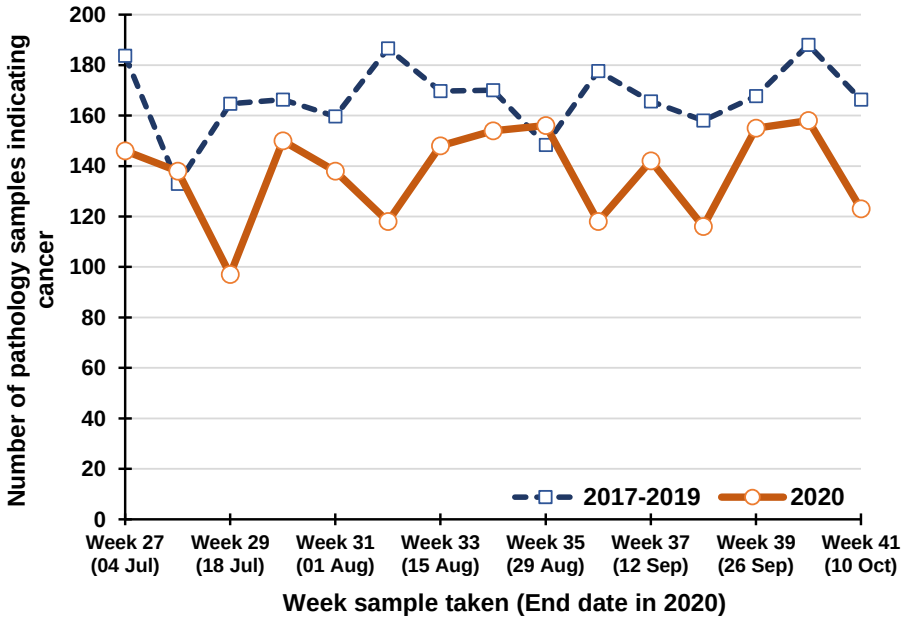
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

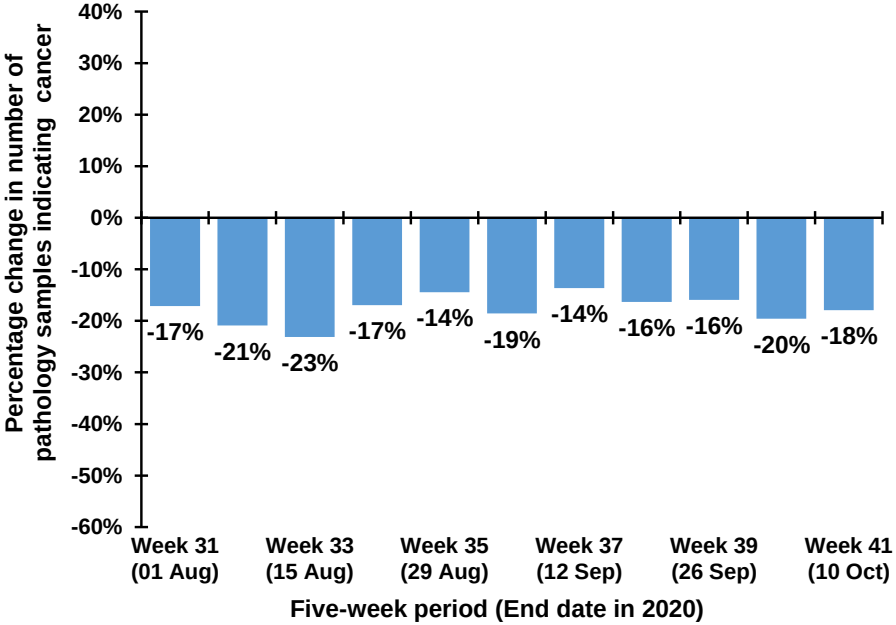
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

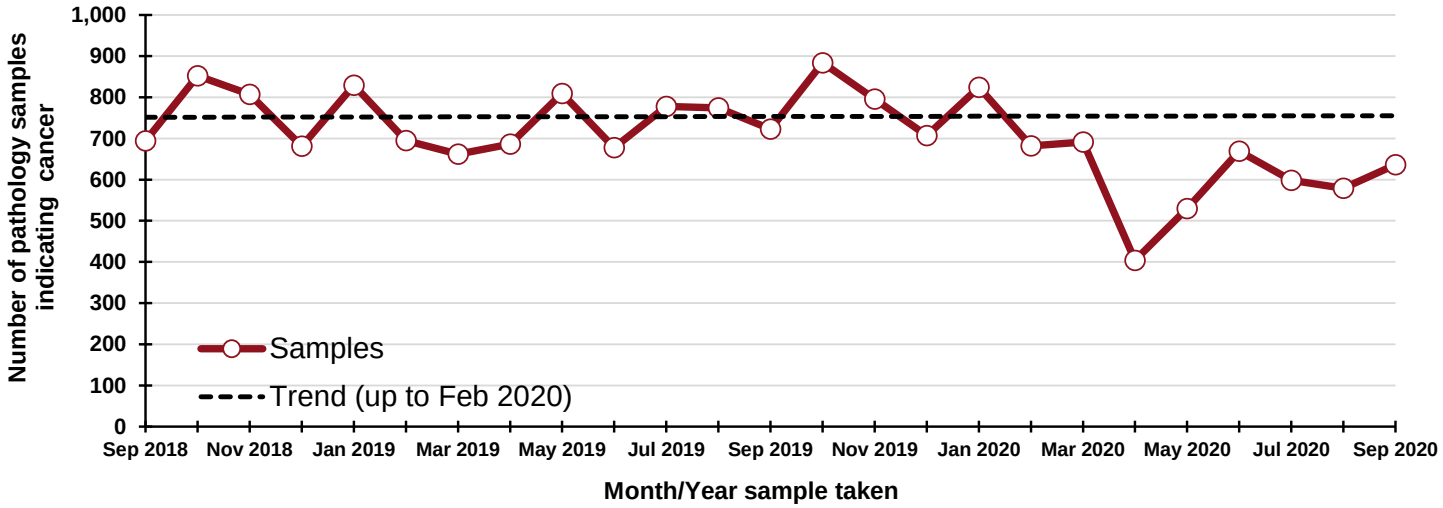


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	711	598	-16%
Aug	762	579	-24%
Sep	689	636	-8%
Oct*	342	174	-49%

** Part only - Up to week 41*

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	184	146			
Week 28 (11 Jul)	133	138			
Week 29 (18 Jul)	165	97			
Week 30 (25 Jul)	166	150			
Week 31 (01 Aug)	160	138	807	669	-17%
Week 32 (08 Aug)	187	118	810	641	-21%
Week 33 (15 Aug)	170	148	847	651	-23%
Week 34 (22 Aug)	170	154	852	708	-17%
Week 35 (29 Aug)	148	156	834	714	-14%
Week 36 (05 Sep)	178	118	852	694	-19%
Week 37 (12 Sep)	166	142	831	718	-14%
Week 38 (19 Sep)	158	116	820	686	-16%
Week 39 (26 Sep)	168	155	817	687	-16%
Week 40 (03 Oct)	188	158	857	689	-20%
Week 41 (10 Oct)	166	123	846	694	-18%

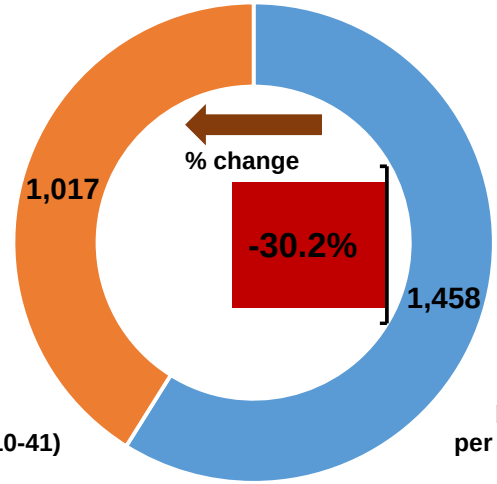
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	694
Oct 2018	852
Nov 2018	807
Dec 2018	681
Jan 2019	829
Feb 2019	695
Mar 2019	662
Apr 2019	686
May 2019	809
Jun 2019	678
Jul 2019	778
Aug 2019	774
Sep 2019	723
Oct 2019	884
Nov 2019	796
Dec 2019	707
Jan 2020	824
Feb 2020	682
Mar 2020	691
Apr 2020	404
May 2020	530
Jun 2020	669
Jul 2020	598
Aug 2020	579
Sep 2020	636

Number of pathology samples indicating cancer (ex NMSC): Altnagelvin laboratory

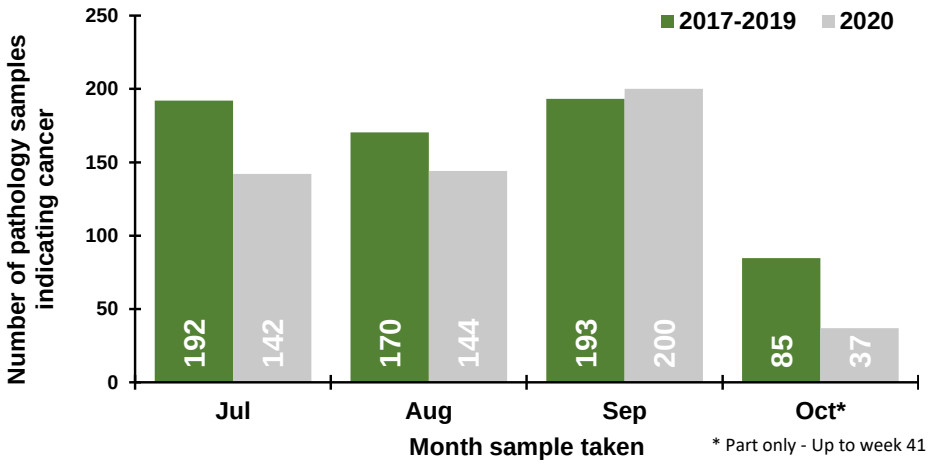
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



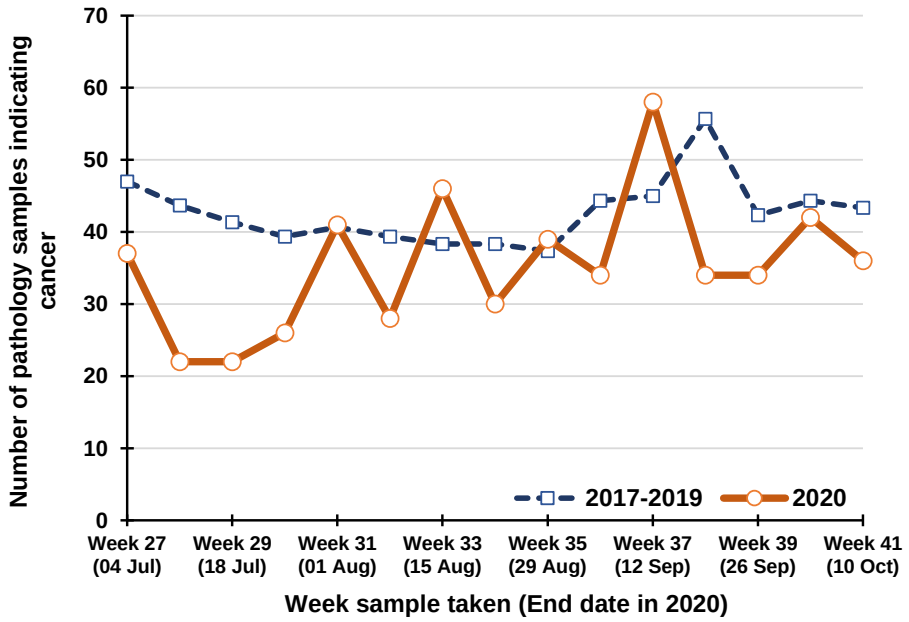
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

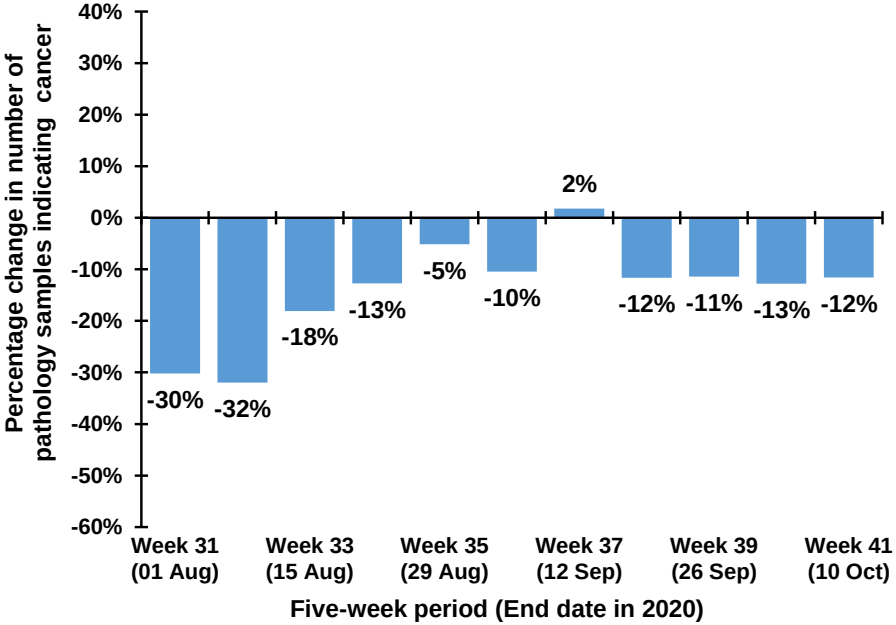
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

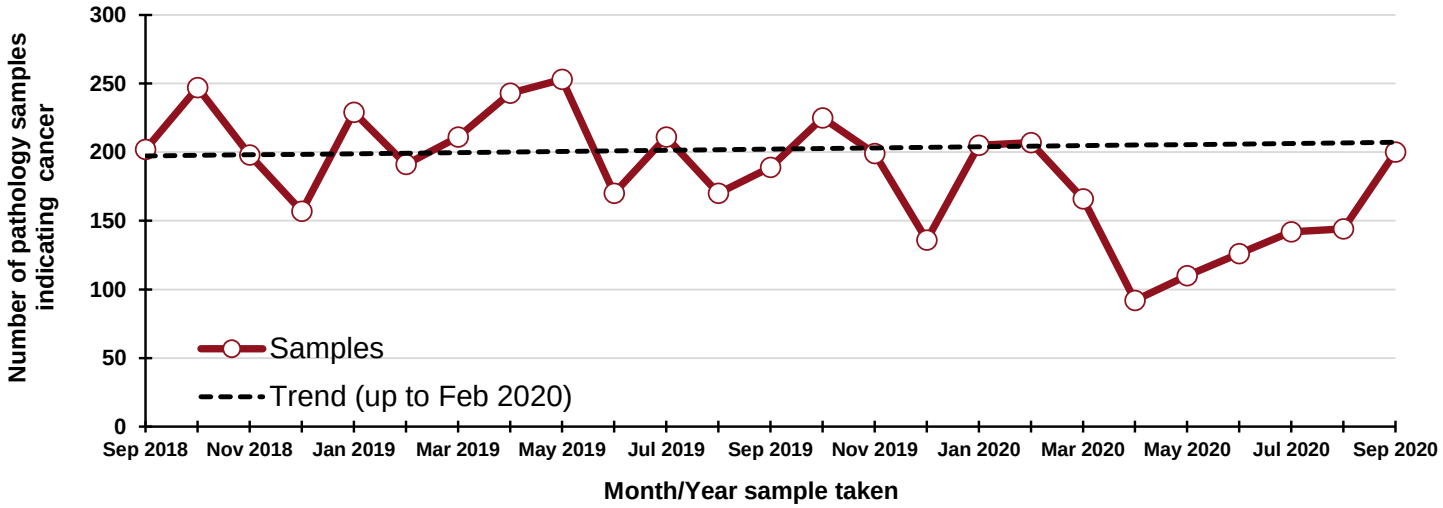


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	192	142	-26%
Aug	170	144	-15%
Sep	193	200	3%
Oct*	85	37	-56%

** Part only - Up to week 41*

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	47	37			
Week 28 (11 Jul)	44	22			
Week 29 (18 Jul)	41	22			
Week 30 (25 Jul)	39	26			
Week 31 (01 Aug)	41	41	212	148	-30%
Week 32 (08 Aug)	39	28	204	139	-32%
Week 33 (15 Aug)	38	46	199	163	-18%
Week 34 (22 Aug)	38	30	196	171	-13%
Week 35 (29 Aug)	37	39	194	184	-5%
Week 36 (05 Sep)	44	34	198	177	-10%
Week 37 (12 Sep)	45	58	203	207	2%
Week 38 (19 Sep)	56	34	221	195	-12%
Week 39 (26 Sep)	42	34	225	199	-11%
Week 40 (03 Oct)	44	42	232	202	-13%
Week 41 (10 Oct)	43	36	231	204	-12%

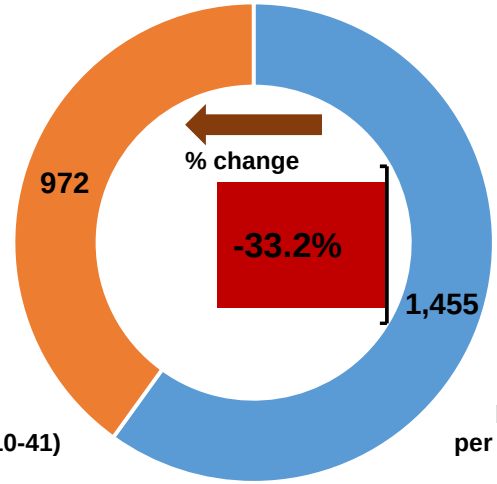
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	202
Oct 2018	247
Nov 2018	198
Dec 2018	157
Jan 2019	229
Feb 2019	191
Mar 2019	211
Apr 2019	243
May 2019	253
Jun 2019	170
Jul 2019	211
Aug 2019	170
Sep 2019	189
Oct 2019	225
Nov 2019	199
Dec 2019	136
Jan 2020	205
Feb 2020	207
Mar 2020	166
Apr 2020	92
May 2020	110
Jun 2020	126
Jul 2020	142
Aug 2020	144
Sep 2020	200

Number of pathology samples indicating cancer (ex NMSC): Antrim laboratory

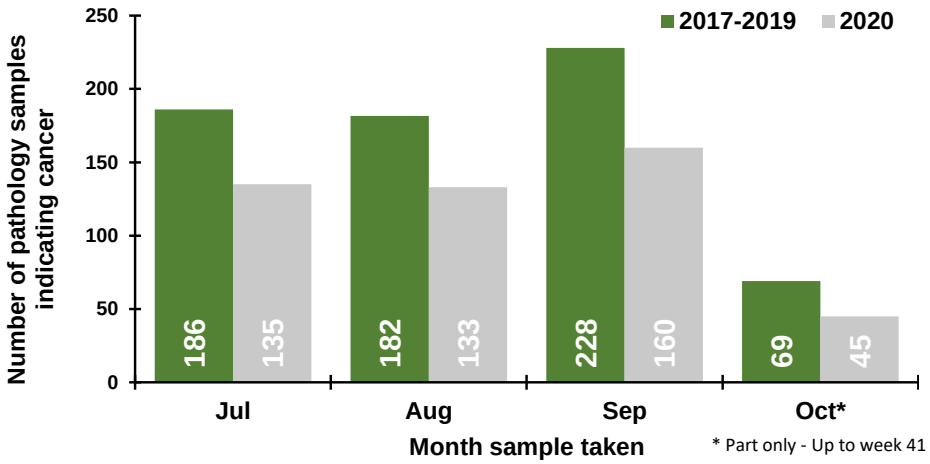
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



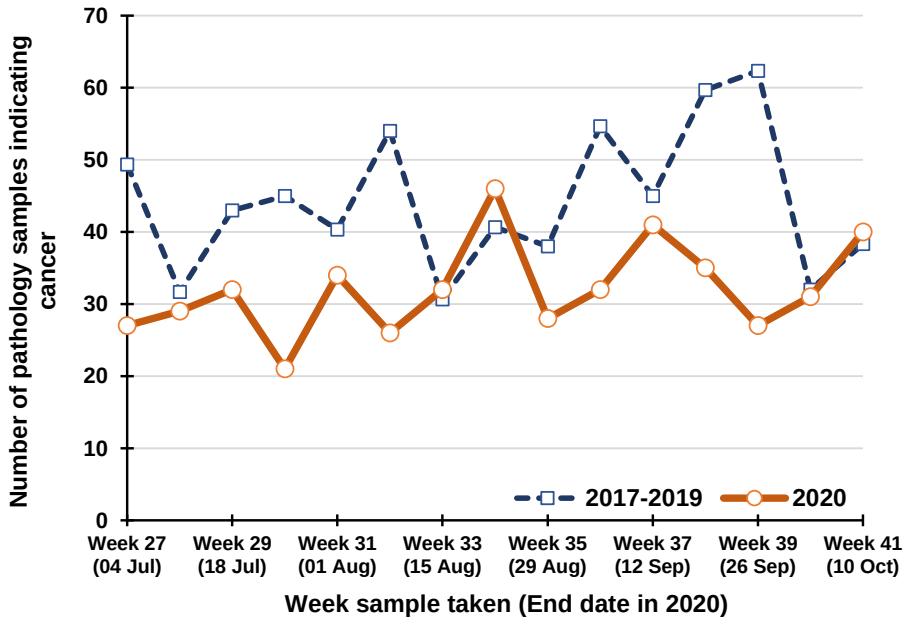
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

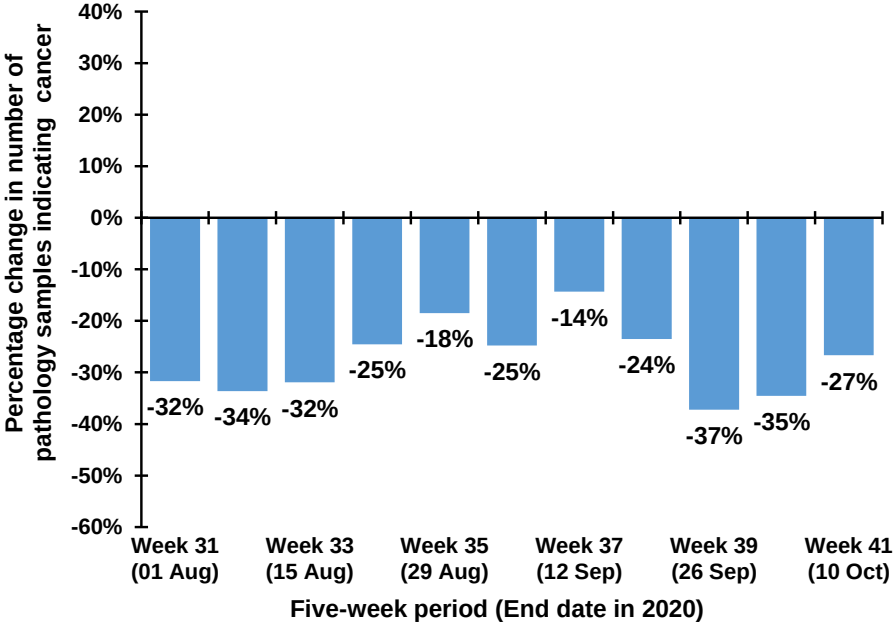
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

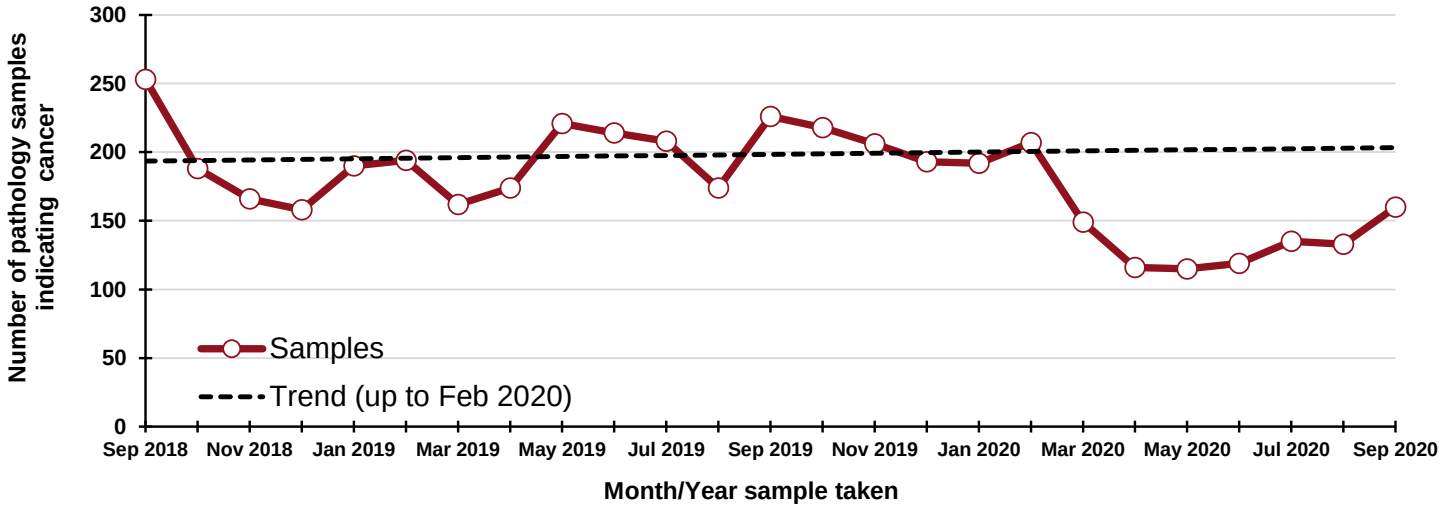


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	186	135	-27%
Aug	182	133	-27%
Sep	228	160	-30%
Oct*	69	45	-35%

** Part only - Up to week 41*

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	49	27			
Week 28 (11 Jul)	32	29			
Week 29 (18 Jul)	43	32			
Week 30 (25 Jul)	45	21			
Week 31 (01 Aug)	40	34	209	143	-32%
Week 32 (08 Aug)	54	26	214	142	-34%
Week 33 (15 Aug)	31	32	213	145	-32%
Week 34 (22 Aug)	41	46	211	159	-25%
Week 35 (29 Aug)	38	28	204	166	-18%
Week 36 (05 Sep)	55	32	218	164	-25%
Week 37 (12 Sep)	45	41	209	179	-14%
Week 38 (19 Sep)	60	35	238	182	-24%
Week 39 (26 Sep)	62	27	260	163	-37%
Week 40 (03 Oct)	32	31	254	166	-35%
Week 41 (10 Oct)	38	40	237	174	-27%

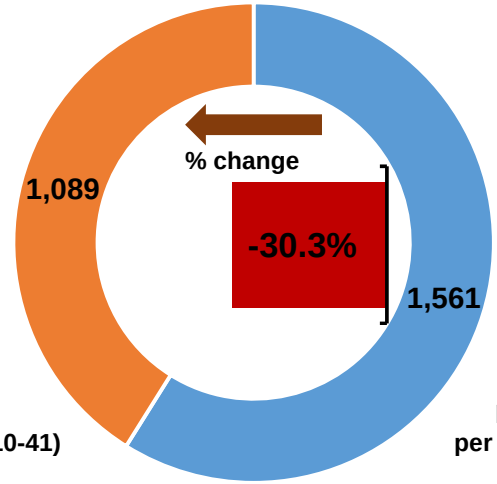
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	253
Oct 2018	188
Nov 2018	166
Dec 2018	158
Jan 2019	190
Feb 2019	194
Mar 2019	162
Apr 2019	174
May 2019	221
Jun 2019	214
Jul 2019	208
Aug 2019	174
Sep 2019	226
Oct 2019	218
Nov 2019	206
Dec 2019	193
Jan 2020	192
Feb 2020	207
Mar 2020	149
Apr 2020	116
May 2020	115
Jun 2020	119
Jul 2020	135
Aug 2020	133
Sep 2020	160

Number of pathology samples indicating cancer (ex NMSC): Craigavon laboratory

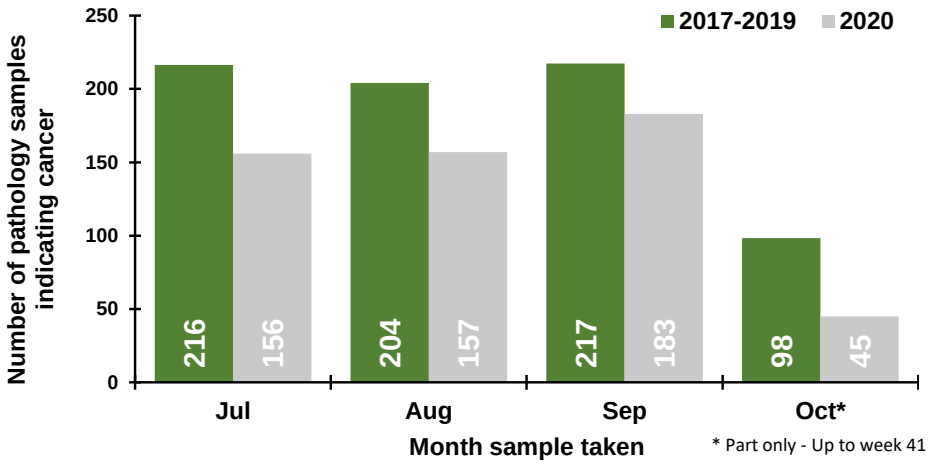
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



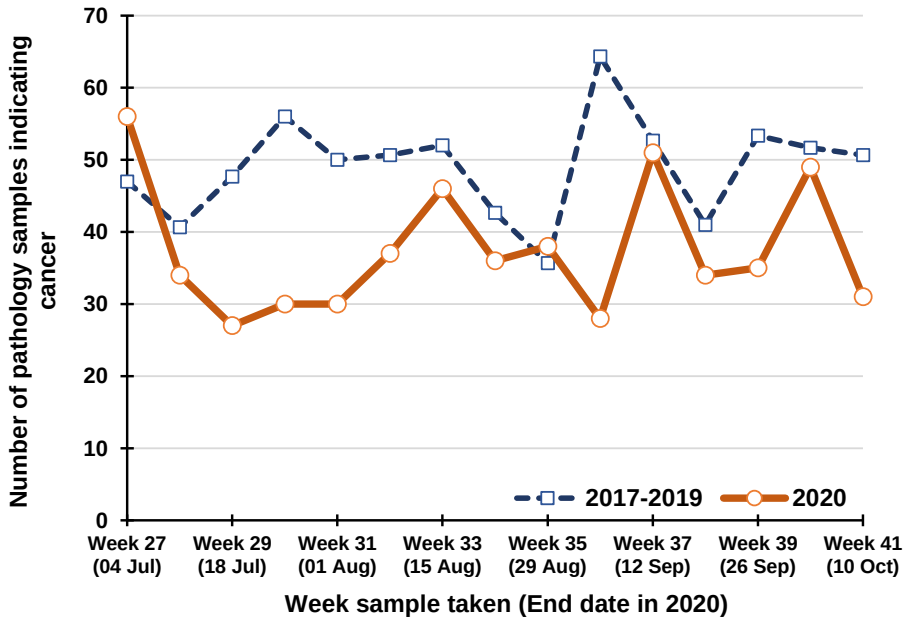
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

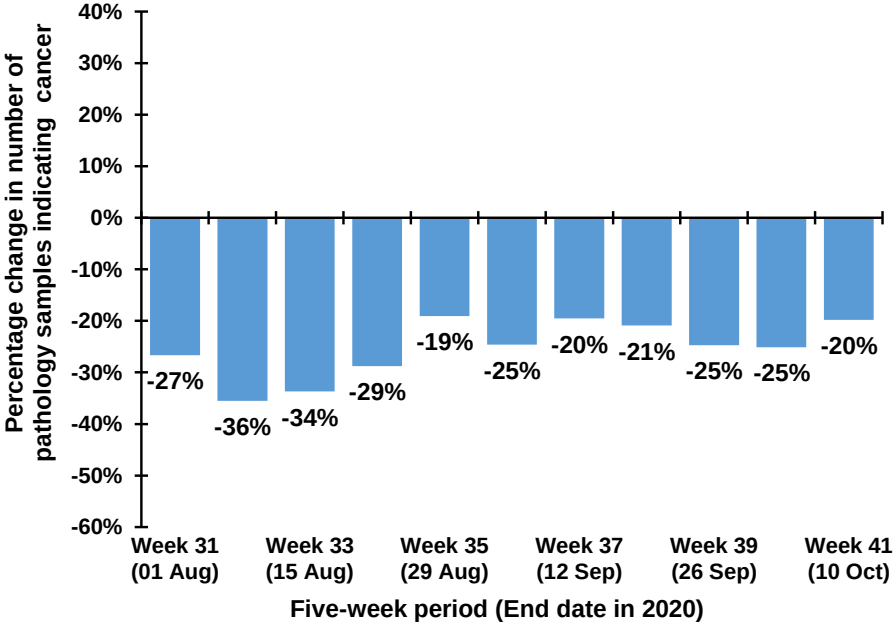
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

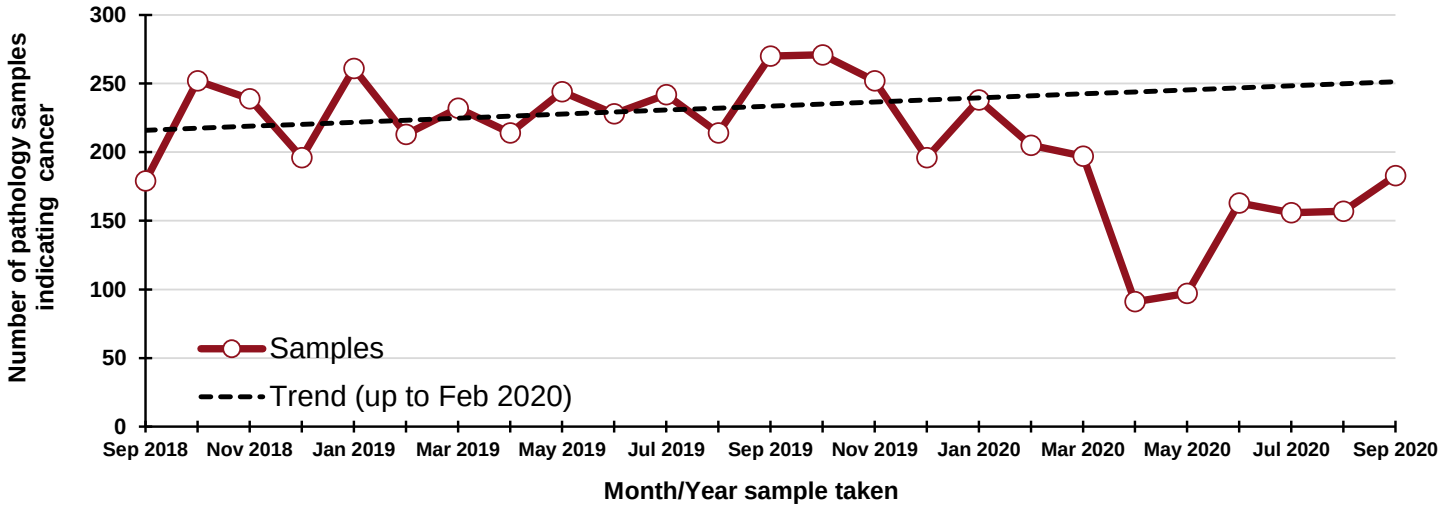


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	216	156	-28%
Aug	204	157	-23%
Sep	217	183	-16%
Oct*	98	45	-54%

** Part only - Up to week 41*

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	47	56			
Week 28 (11 Jul)	41	34			
Week 29 (18 Jul)	48	27			
Week 30 (25 Jul)	56	30			
Week 31 (01 Aug)	50	30	241	177	-27%
Week 32 (08 Aug)	51	37	245	158	-36%
Week 33 (15 Aug)	52	46	256	170	-34%
Week 34 (22 Aug)	43	36	251	179	-29%
Week 35 (29 Aug)	36	38	231	187	-19%
Week 36 (05 Sep)	64	28	245	185	-25%
Week 37 (12 Sep)	53	51	247	199	-20%
Week 38 (19 Sep)	41	34	236	187	-21%
Week 39 (26 Sep)	53	35	247	186	-25%
Week 40 (03 Oct)	52	49	263	197	-25%
Week 41 (10 Oct)	51	31	249	200	-20%

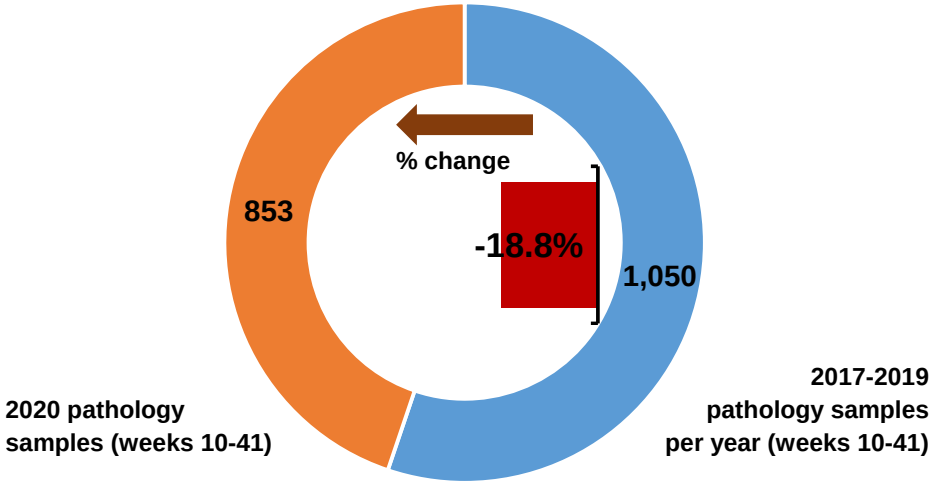
**Date week ended in 2020*

By month and year sample taken

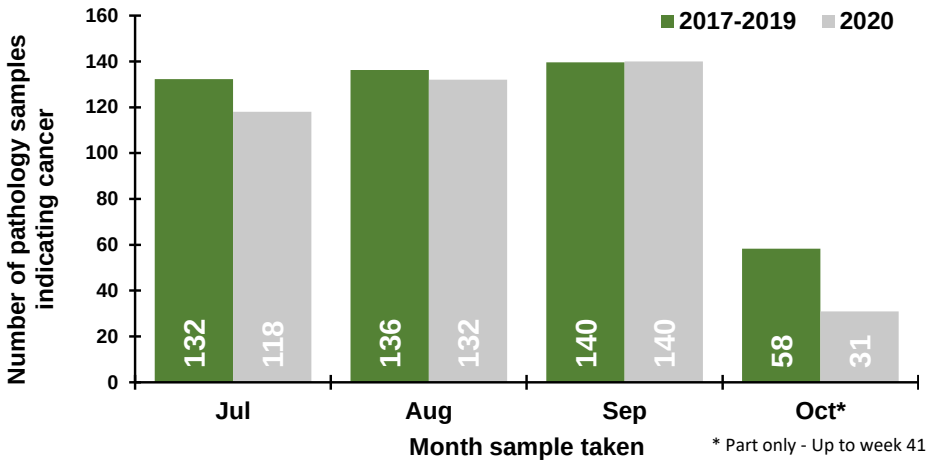
Month/Year	Samples
Sep 2018	179
Oct 2018	252
Nov 2018	239
Dec 2018	196
Jan 2019	261
Feb 2019	213
Mar 2019	232
Apr 2019	214
May 2019	244
Jun 2019	228
Jul 2019	242
Aug 2019	214
Sep 2019	270
Oct 2019	271
Nov 2019	252
Dec 2019	196
Jan 2020	238
Feb 2020	205
Mar 2020	197
Apr 2020	91
May 2020	97
Jun 2020	163
Jul 2020	156
Aug 2020	157
Sep 2020	183

Number of pathology samples indicating bowel cancer: All persons

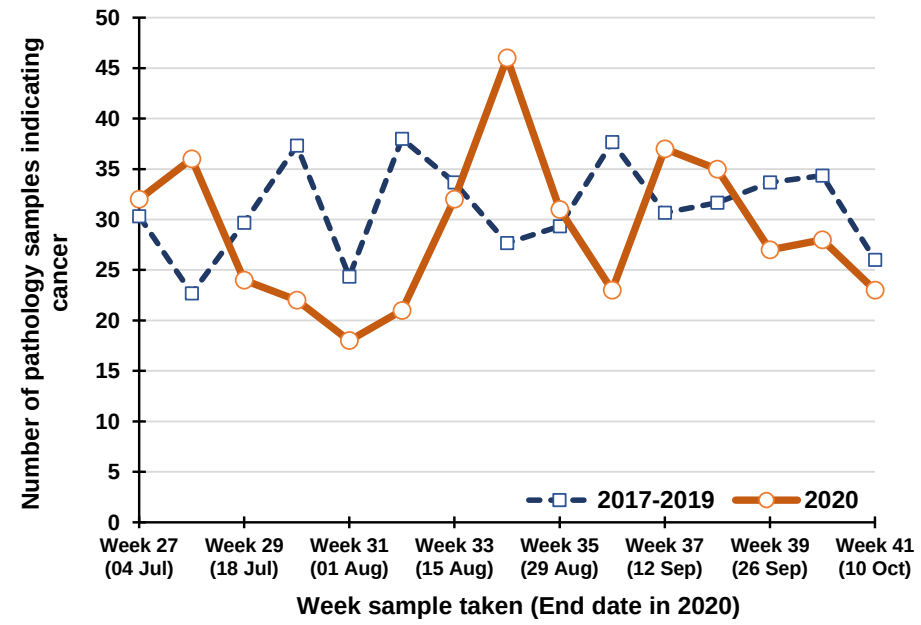
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



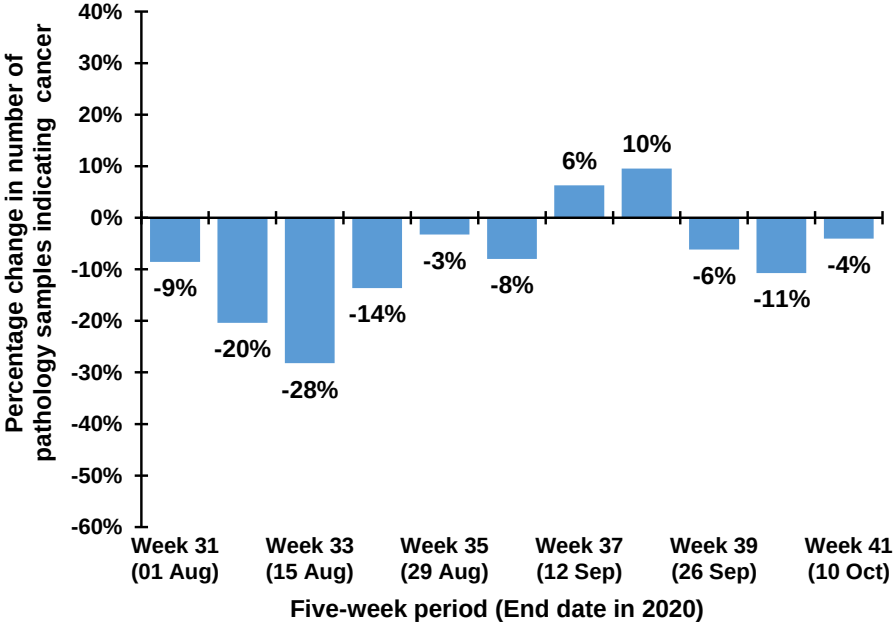
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

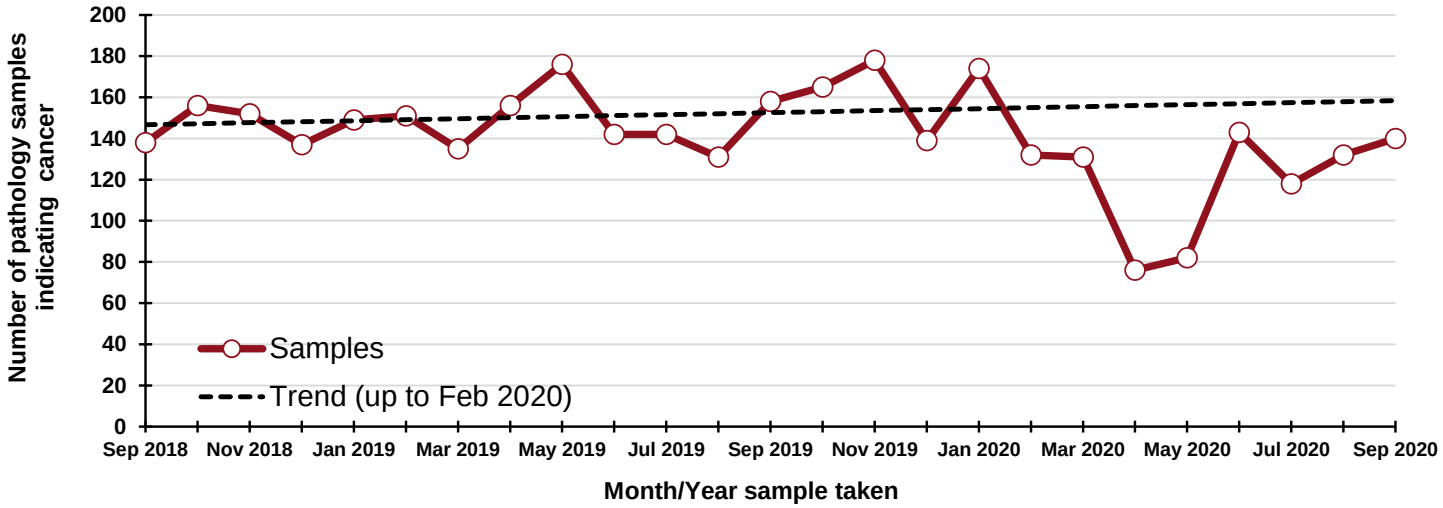


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	132	118	-11%
Aug	136	132	-3%
Sep	140	140	0%
Oct*	58	31	-47%

** Part only - Up to week 41*

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

By week sample taken

			Five-week rolling total		
Week number*	2017-2019 average	2020	2017-2019 average	2020	Percentage change
Week 27 (04 Jul)	30	32			
Week 28 (11 Jul)	23	36			
Week 29 (18 Jul)	30	24			
Week 30 (25 Jul)	37	22			
Week 31 (01 Aug)	24	18	144	132	-9%
Week 32 (08 Aug)	38	21	152	121	-20%
Week 33 (15 Aug)	34	32	163	117	-28%
Week 34 (22 Aug)	28	46	161	139	-14%
Week 35 (29 Aug)	29	31	153	148	-3%
Week 36 (05 Sep)	38	23	166	153	-8%
Week 37 (12 Sep)	31	37	159	169	6%
Week 38 (19 Sep)	32	35	157	172	10%
Week 39 (26 Sep)	34	27	163	153	-6%
Week 40 (03 Oct)	34	28	168	150	-11%
Week 41 (10 Oct)	26	23	156	150	-4%

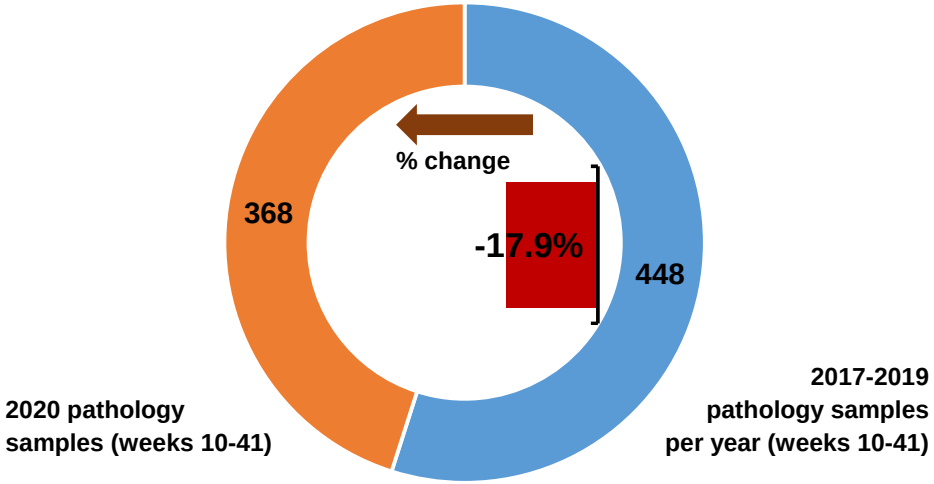
**Date week ended in 2020*

By month and year sample taken

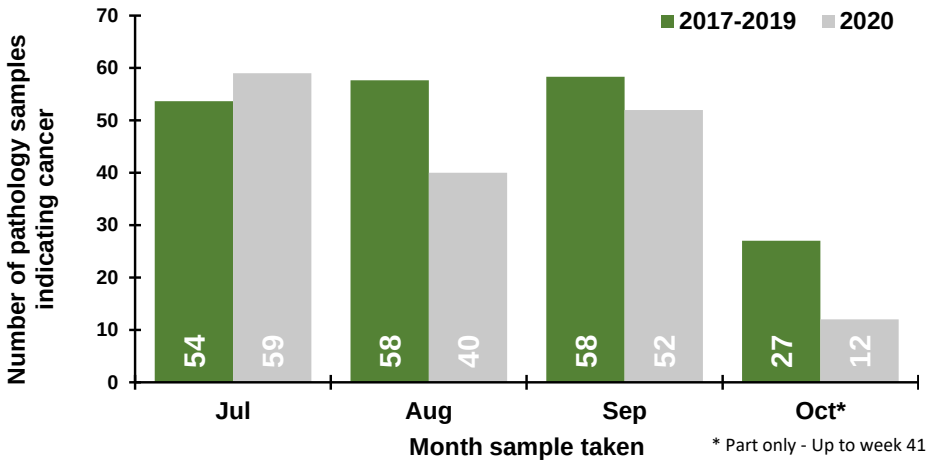
Month/Year	Samples
Sep 2018	138
Oct 2018	156
Nov 2018	152
Dec 2018	137
Jan 2019	149
Feb 2019	151
Mar 2019	135
Apr 2019	156
May 2019	176
Jun 2019	142
Jul 2019	142
Aug 2019	131
Sep 2019	158
Oct 2019	165
Nov 2019	178
Dec 2019	139
Jan 2020	174
Feb 2020	132
Mar 2020	131
Apr 2020	76
May 2020	82
Jun 2020	143
Jul 2020	118
Aug 2020	132
Sep 2020	140

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

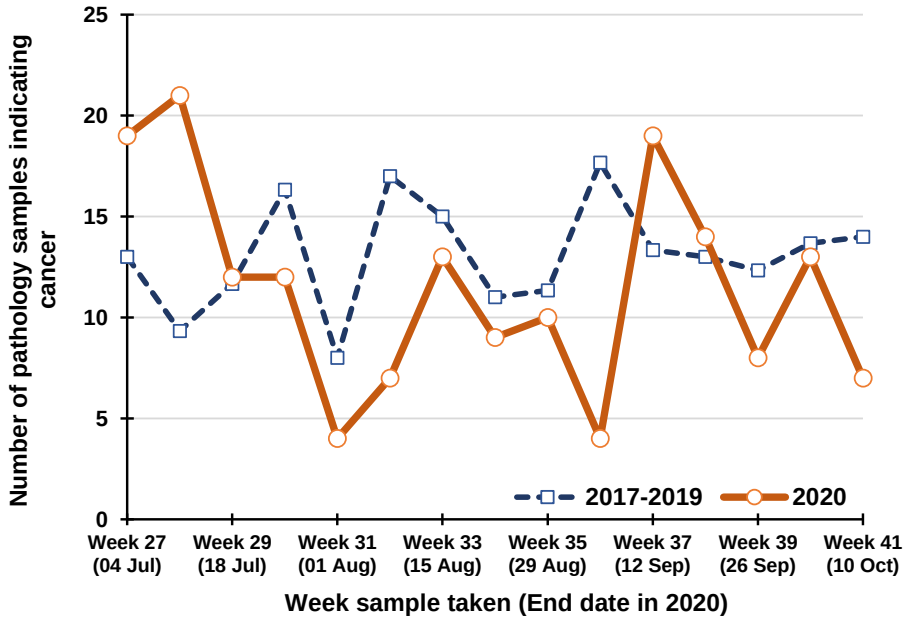
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



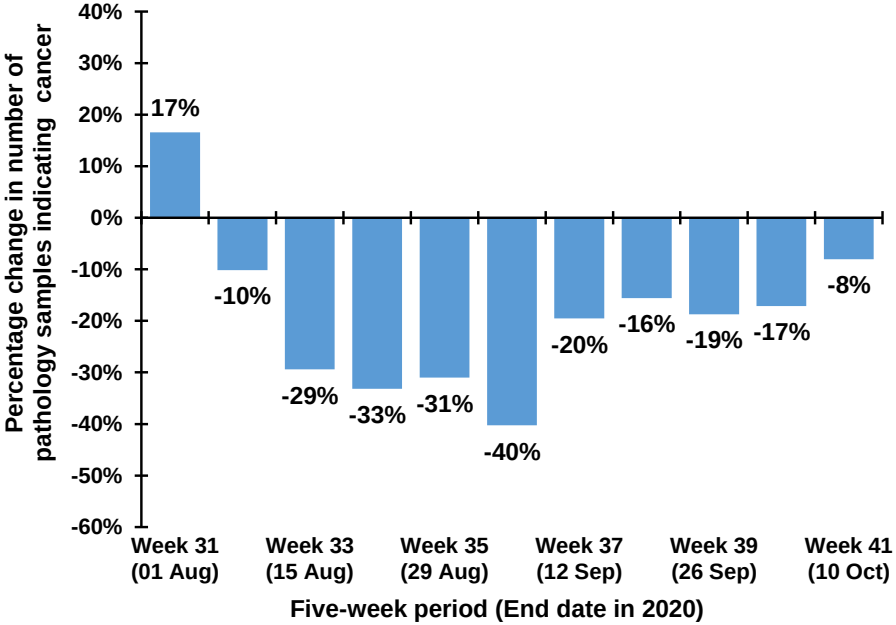
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

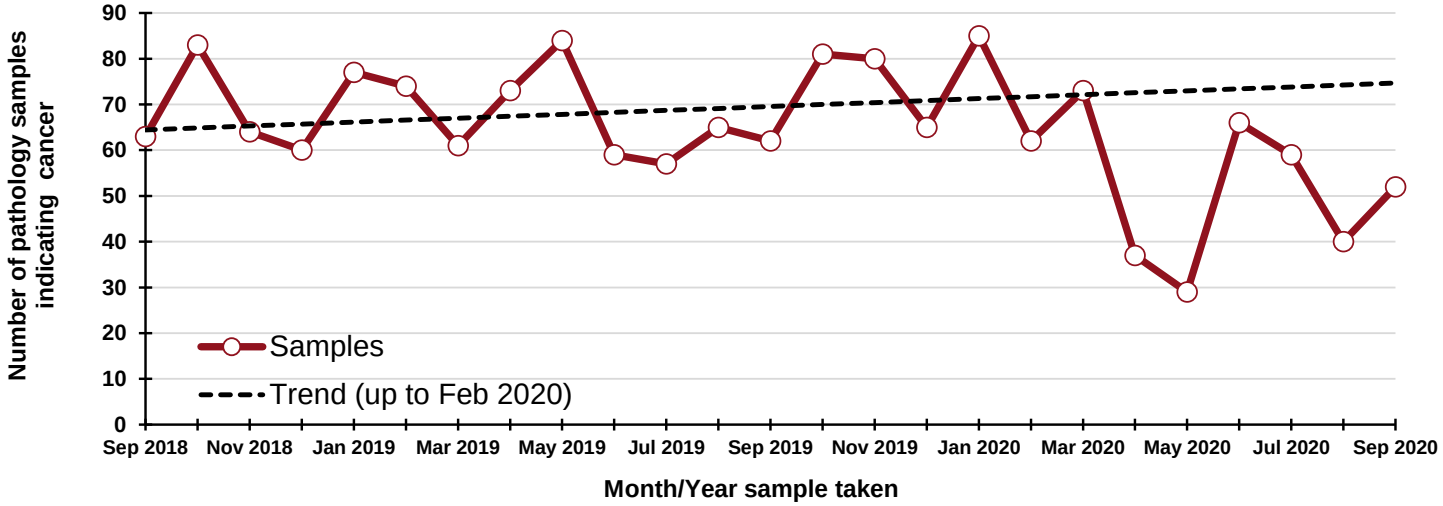


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	54	59	10%
Aug	58	40	-31%
Sep	58	52	-11%
Oct*	27	12	-56%

** Part only - Up to week 41*

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

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total: 2017-2019 average	Five-week rolling total: 2020	Five-week rolling total: Percentage change
Week 27 (04 Jul)	13	19			
Week 28 (11 Jul)	9	21			
Week 29 (18 Jul)	12	12			
Week 30 (25 Jul)	16	12			
Week 31 (01 Aug)	8	4	58	68	17%
Week 32 (08 Aug)	17	7	62	56	-10%
Week 33 (15 Aug)	15	13	68	48	-29%
Week 34 (22 Aug)	11	9	67	45	-33%
Week 35 (29 Aug)	11	10	62	43	-31%
Week 36 (05 Sep)	18	4	72	43	-40%
Week 37 (12 Sep)	13	19	68	55	-20%
Week 38 (19 Sep)	13	14	66	56	-16%
Week 39 (26 Sep)	12	8	68	55	-19%
Week 40 (03 Oct)	14	13	70	58	-17%
Week 41 (10 Oct)	14	7	66	61	-8%

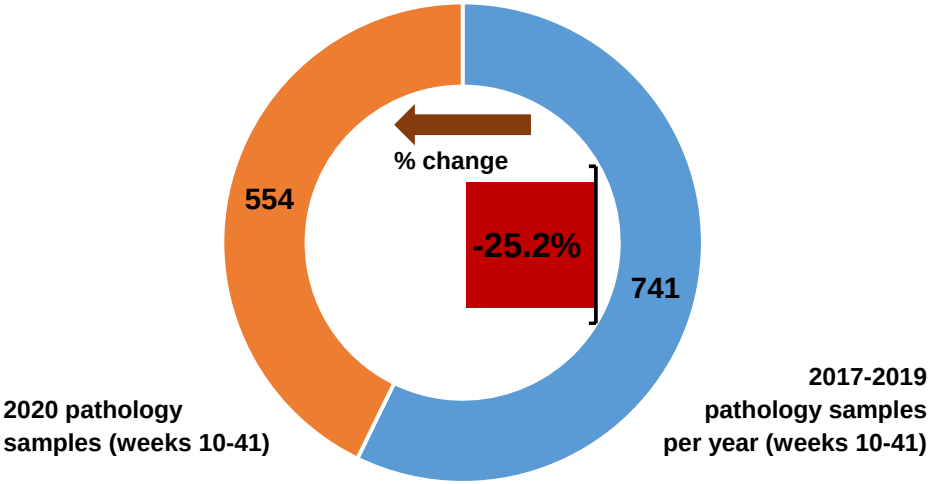
**Date week ended in 2020*

By month and year sample taken

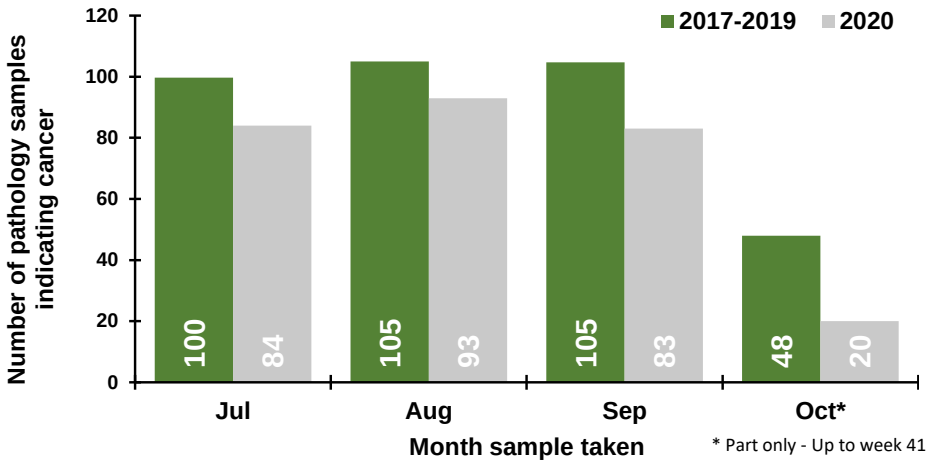
Month/Year	Samples
Sep 2018	63
Oct 2018	83
Nov 2018	64
Dec 2018	60
Jan 2019	77
Feb 2019	74
Mar 2019	61
Apr 2019	73
May 2019	84
Jun 2019	59
Jul 2019	57
Aug 2019	65
Sep 2019	62
Oct 2019	81
Nov 2019	80
Dec 2019	65
Jan 2020	85
Feb 2020	62
Mar 2020	73
Apr 2020	37
May 2020	29
Jun 2020	66
Jul 2020	59
Aug 2020	40
Sep 2020	52

Number of pathology samples indicating lung cancer: All persons

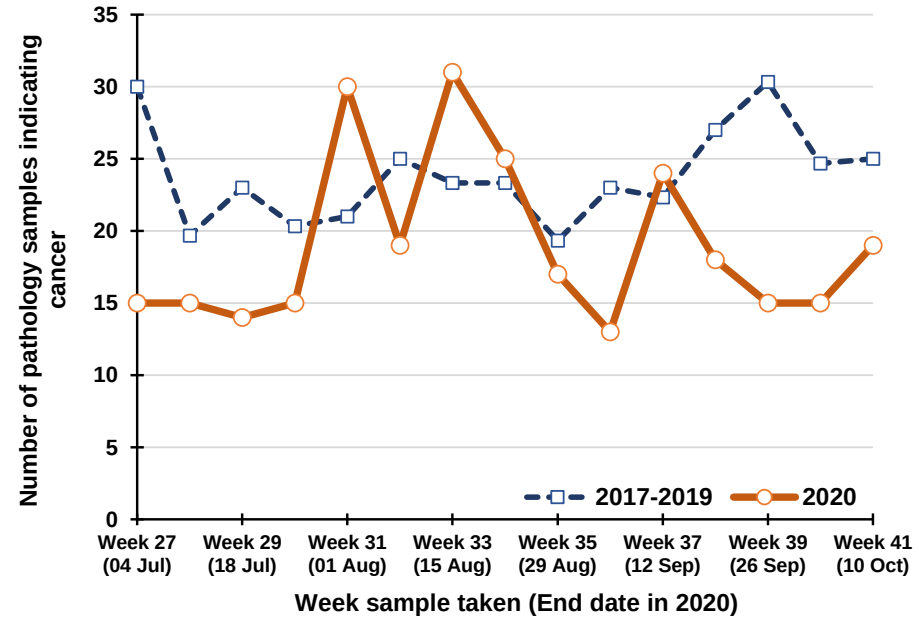
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



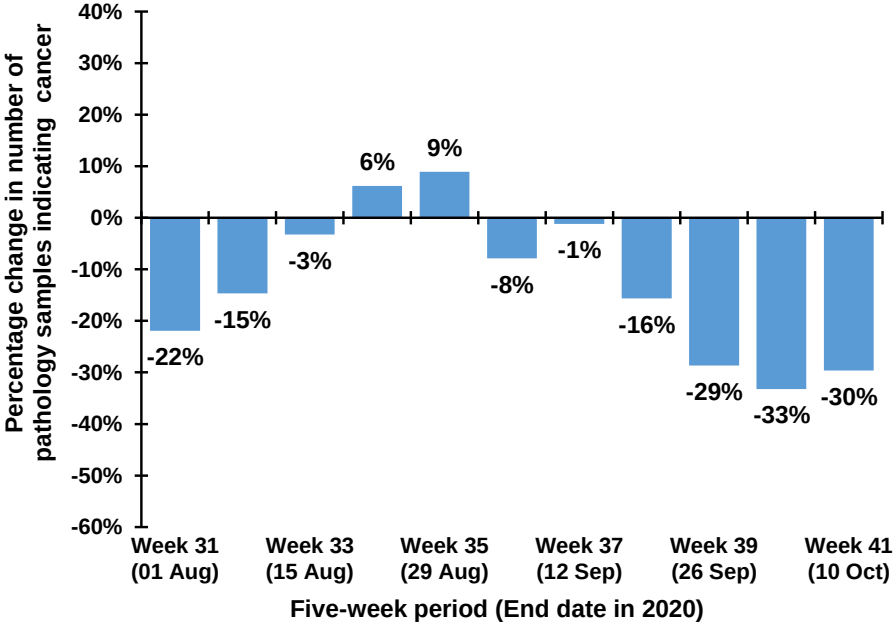
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

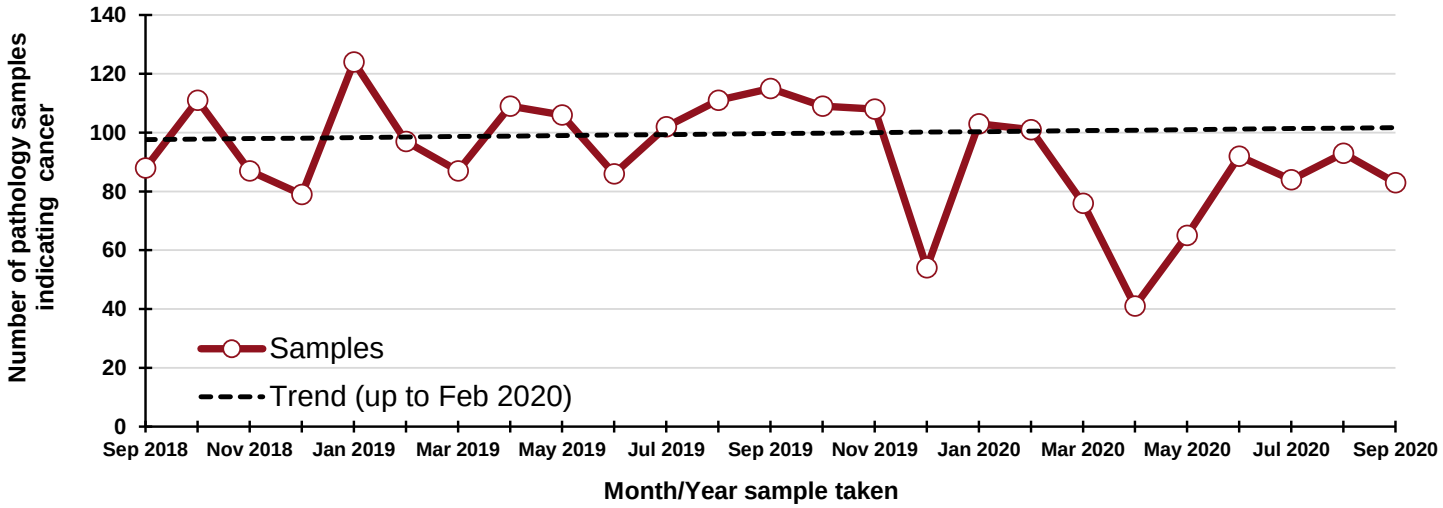


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	100	84	-16%
Aug	105	93	-11%
Sep	105	83	-21%
Oct*	48	20	-58%

** Part only - Up to week 41*

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

By week sample taken

			Five-week rolling total		
Week number*	2017-2019 average	2020	2017-2019 average	2020	Percentage change
Week 27 (04 Jul)	30	15			
Week 28 (11 Jul)	20	15			
Week 29 (18 Jul)	23	14			
Week 30 (25 Jul)	20	15			
Week 31 (01 Aug)	21	30	114	89	-22%
Week 32 (08 Aug)	25	19	109	93	-15%
Week 33 (15 Aug)	23	31	113	109	-3%
Week 34 (22 Aug)	23	25	113	120	6%
Week 35 (29 Aug)	19	17	112	122	9%
Week 36 (05 Sep)	23	13	114	105	-8%
Week 37 (12 Sep)	22	24	111	110	-1%
Week 38 (19 Sep)	27	18	115	97	-16%
Week 39 (26 Sep)	30	15	122	87	-29%
Week 40 (03 Oct)	25	15	127	85	-33%
Week 41 (10 Oct)	25	19	129	91	-30%

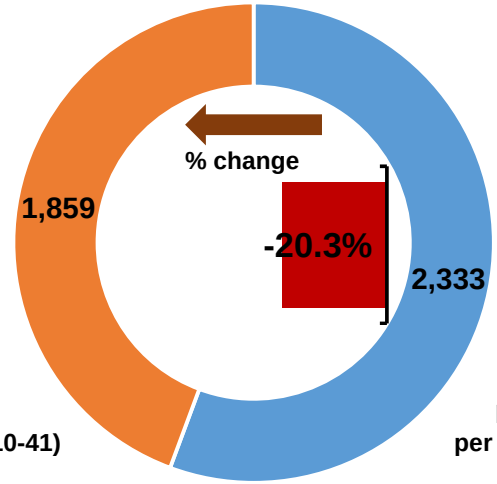
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	88
Oct 2018	111
Nov 2018	87
Dec 2018	79
Jan 2019	124
Feb 2019	97
Mar 2019	87
Apr 2019	109
May 2019	106
Jun 2019	86
Jul 2019	102
Aug 2019	111
Sep 2019	115
Oct 2019	109
Nov 2019	108
Dec 2019	54
Jan 2020	103
Feb 2020	101
Mar 2020	76
Apr 2020	41
May 2020	65
Jun 2020	92
Jul 2020	84
Aug 2020	93
Sep 2020	83

Number of pathology samples indicating breast cancer: Females

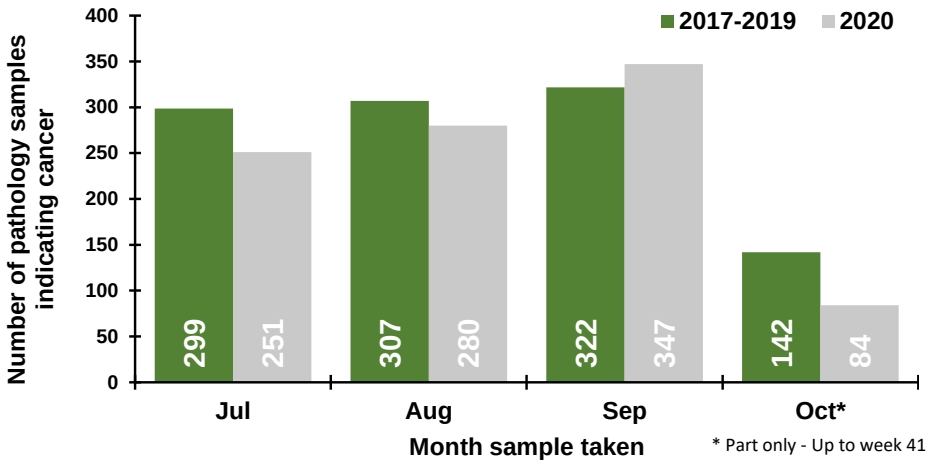
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



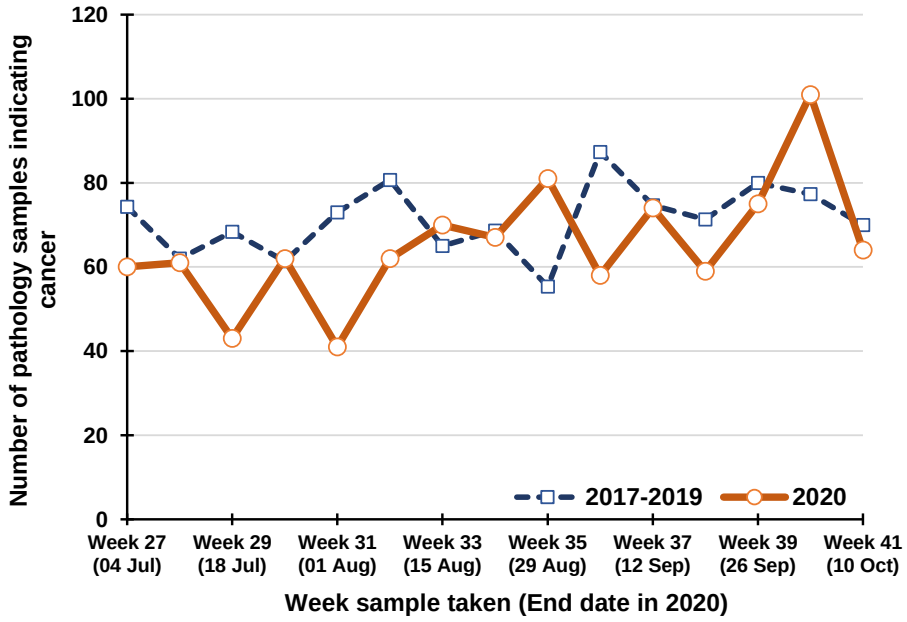
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

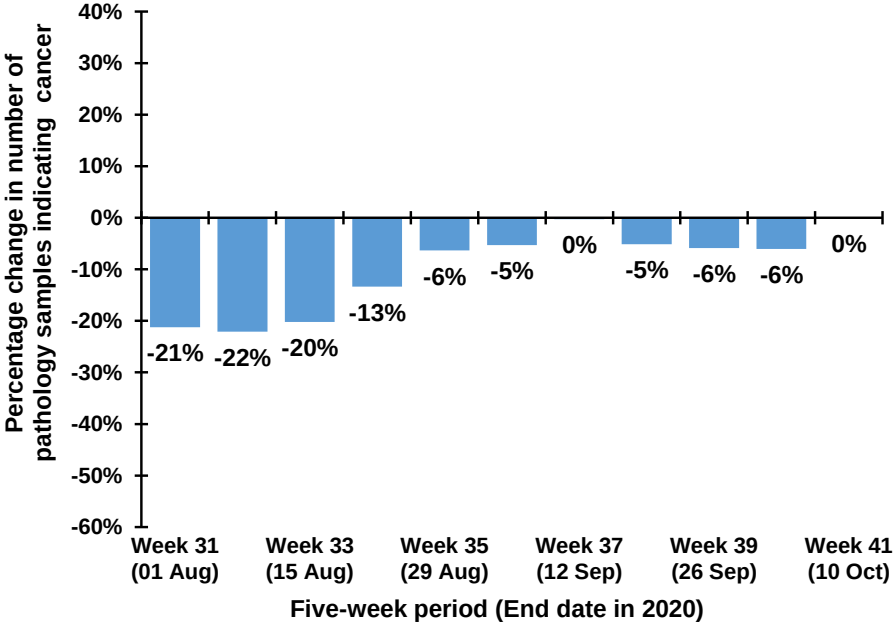
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

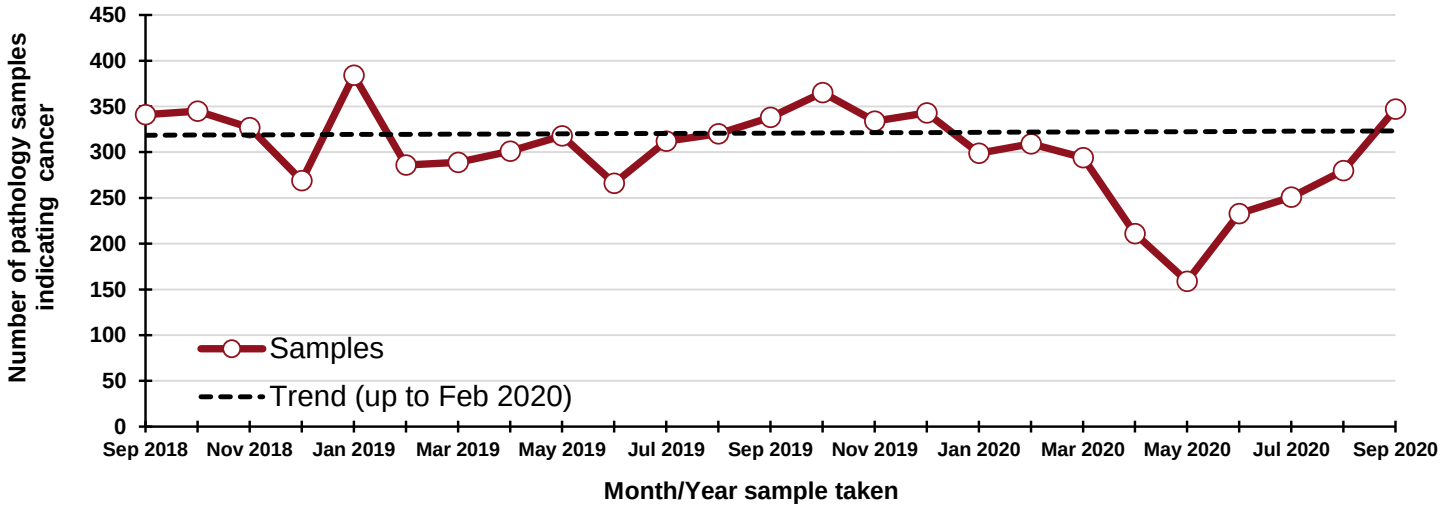


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	299	251	-16%
Aug	307	280	-9%
Sep	322	347	8%
Oct*	142	84	-41%

** Part only - Up to week 41*

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

By week sample taken

			Five-week rolling total		
Week number*	2017-2019 average	2020	2017-2019 average	2020	Percentage change
Week 27 (04 Jul)	74	60			
Week 28 (11 Jul)	62	61			
Week 29 (18 Jul)	68	43			
Week 30 (25 Jul)	61	62			
Week 31 (01 Aug)	73	41	339	267	-21%
Week 32 (08 Aug)	81	62	345	269	-22%
Week 33 (15 Aug)	65	70	348	278	-20%
Week 34 (22 Aug)	69	67	349	302	-13%
Week 35 (29 Aug)	55	81	343	321	-6%
Week 36 (05 Sep)	87	58	357	338	-5%
Week 37 (12 Sep)	75	74	351	350	0%
Week 38 (19 Sep)	71	59	357	339	-5%
Week 39 (26 Sep)	80	75	369	347	-6%
Week 40 (03 Oct)	77	101	391	367	-6%
Week 41 (10 Oct)	70	64	373	373	0%

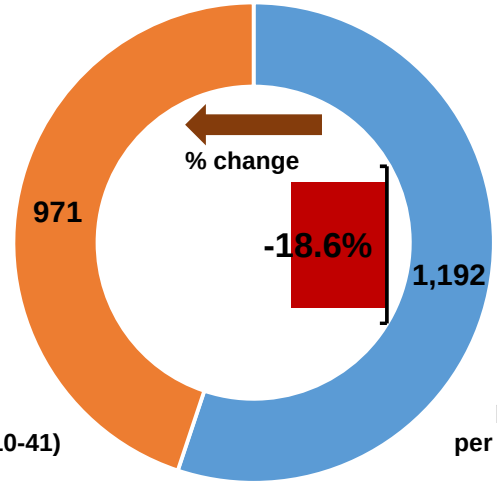
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	341
Oct 2018	345
Nov 2018	327
Dec 2018	269
Jan 2019	384
Feb 2019	286
Mar 2019	289
Apr 2019	301
May 2019	318
Jun 2019	266
Jul 2019	312
Aug 2019	320
Sep 2019	338
Oct 2019	365
Nov 2019	334
Dec 2019	343
Jan 2020	299
Feb 2020	309
Mar 2020	294
Apr 2020	211
May 2020	159
Jun 2020	233
Jul 2020	251
Aug 2020	280
Sep 2020	347

Number of pathology samples indicating breast cancer: Females, screening age (50-70)

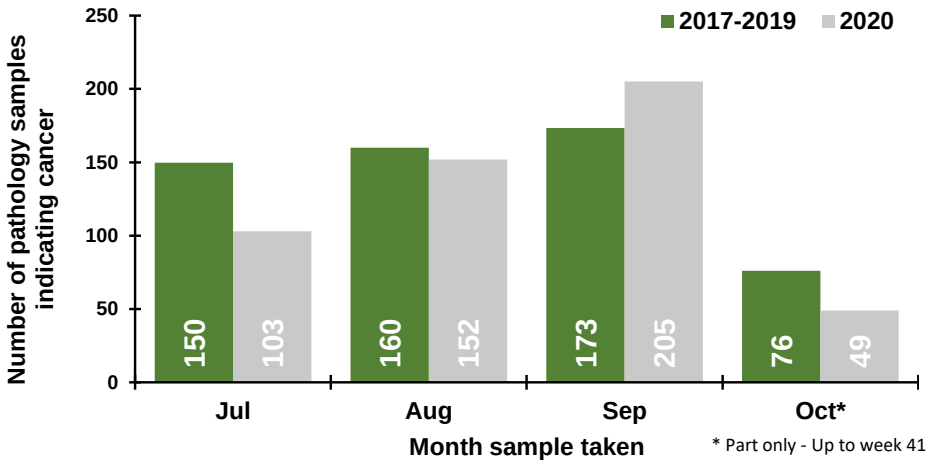
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



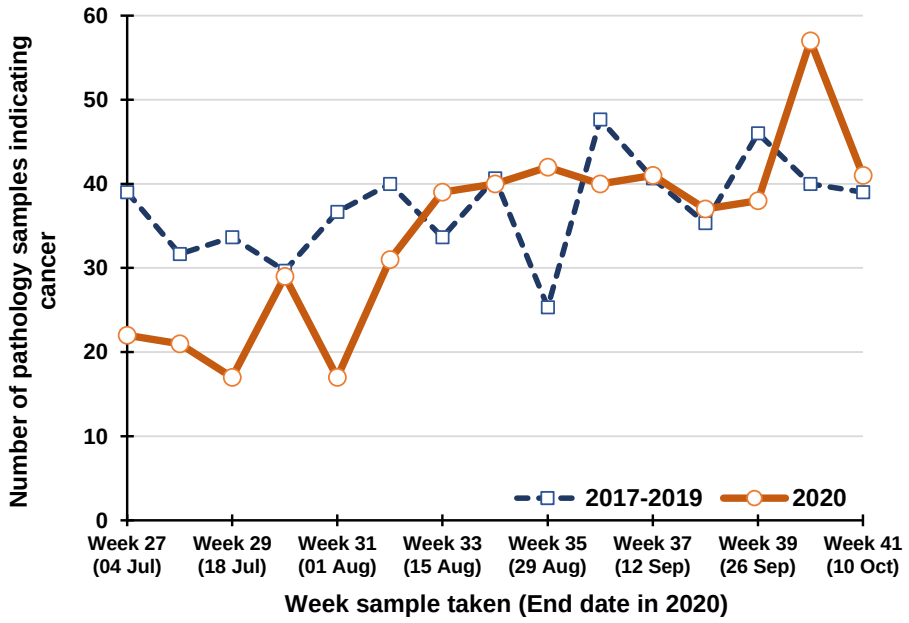
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

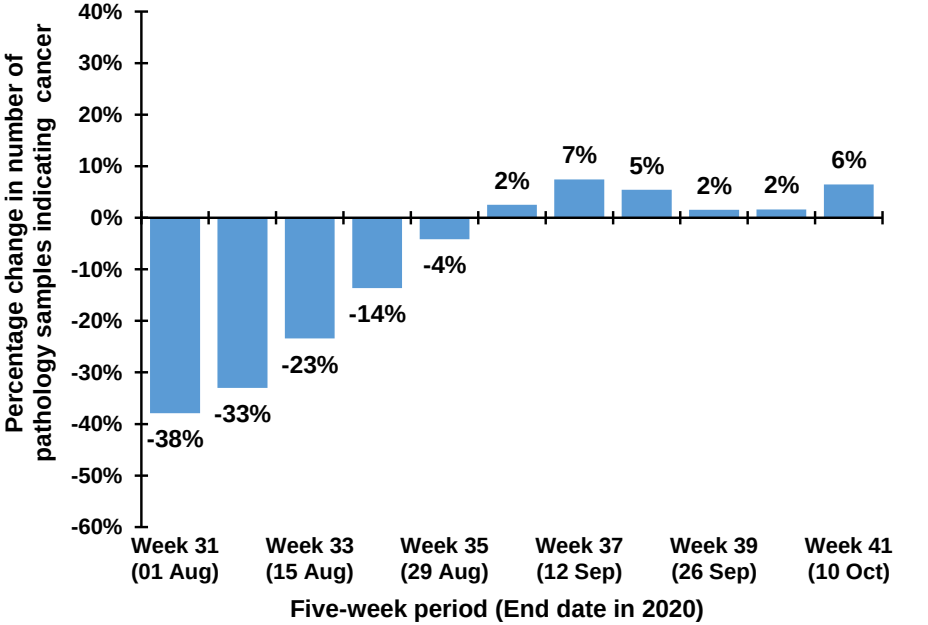
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

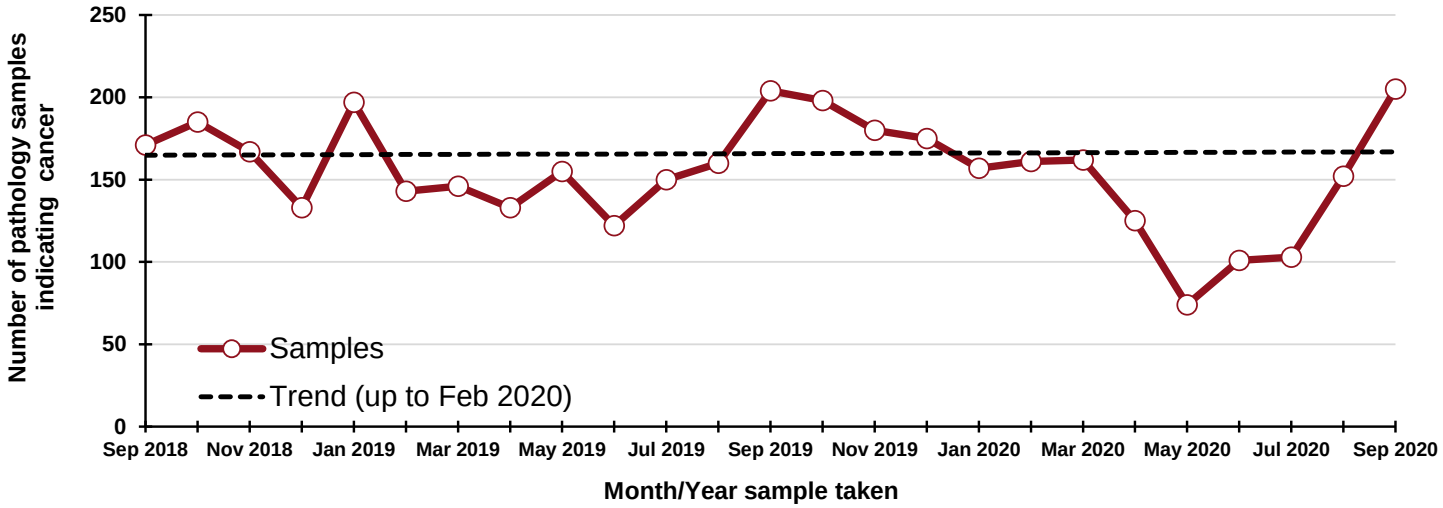


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	150	103	-31%
Aug	160	152	-5%
Sep	173	205	18%
Oct*	76	49	-36%

** Part only - Up to week 41*

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

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total: 2017-2019 average	Five-week rolling total: 2020	Five-week rolling total: Percentage change
Week 27 (04 Jul)	39	22			
Week 28 (11 Jul)	32	21			
Week 29 (18 Jul)	34	17			
Week 30 (25 Jul)	30	29			
Week 31 (01 Aug)	37	17	171	106	-38%
Week 32 (08 Aug)	40	31	172	115	-33%
Week 33 (15 Aug)	34	39	174	133	-23%
Week 34 (22 Aug)	41	40	181	156	-14%
Week 35 (29 Aug)	25	42	176	169	-4%
Week 36 (05 Sep)	48	40	187	192	2%
Week 37 (12 Sep)	41	41	188	202	7%
Week 38 (19 Sep)	35	37	190	200	5%
Week 39 (26 Sep)	46	38	195	198	2%
Week 40 (03 Oct)	40	57	210	213	2%
Week 41 (10 Oct)	39	41	201	214	6%

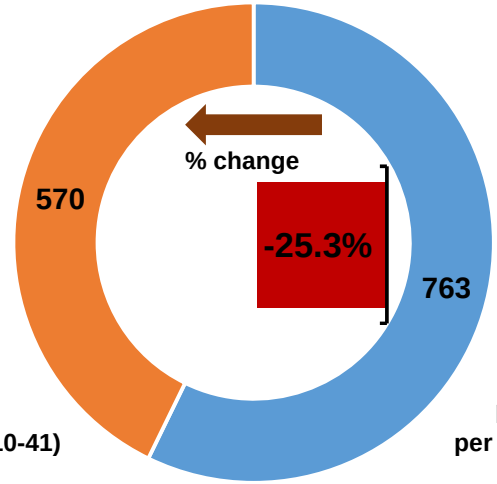
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	171
Oct 2018	185
Nov 2018	167
Dec 2018	133
Jan 2019	197
Feb 2019	143
Mar 2019	146
Apr 2019	133
May 2019	155
Jun 2019	122
Jul 2019	150
Aug 2019	160
Sep 2019	204
Oct 2019	198
Nov 2019	180
Dec 2019	175
Jan 2020	157
Feb 2020	161
Mar 2020	162
Apr 2020	125
May 2020	74
Jun 2020	101
Jul 2020	103
Aug 2020	152
Sep 2020	205

Number of pathology samples indicating prostate cancer: Males

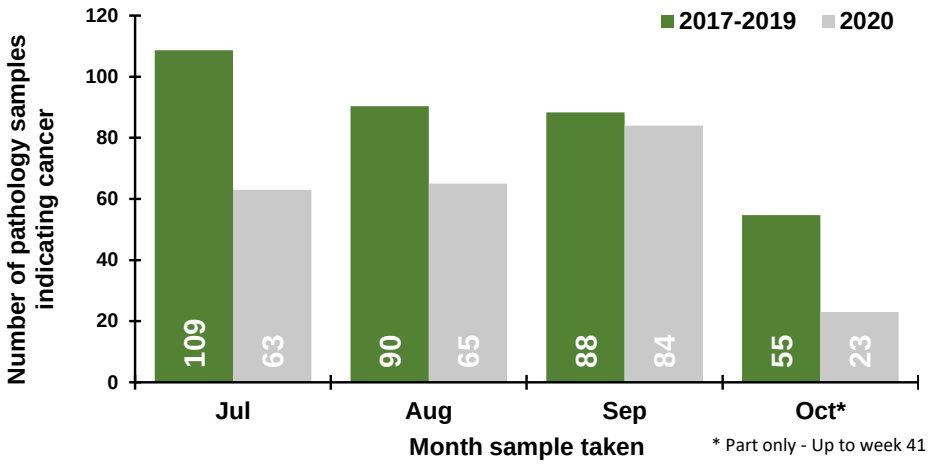
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



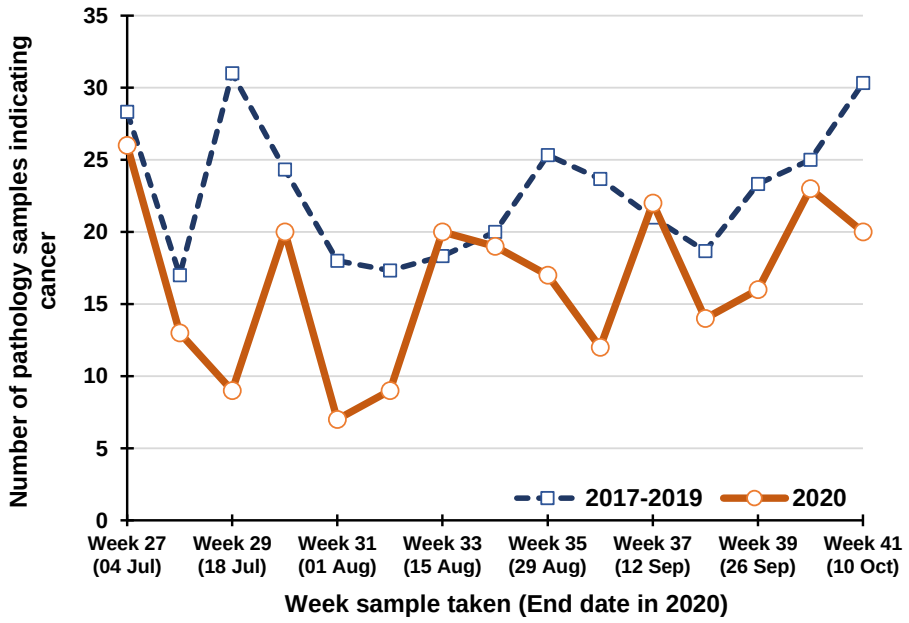
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

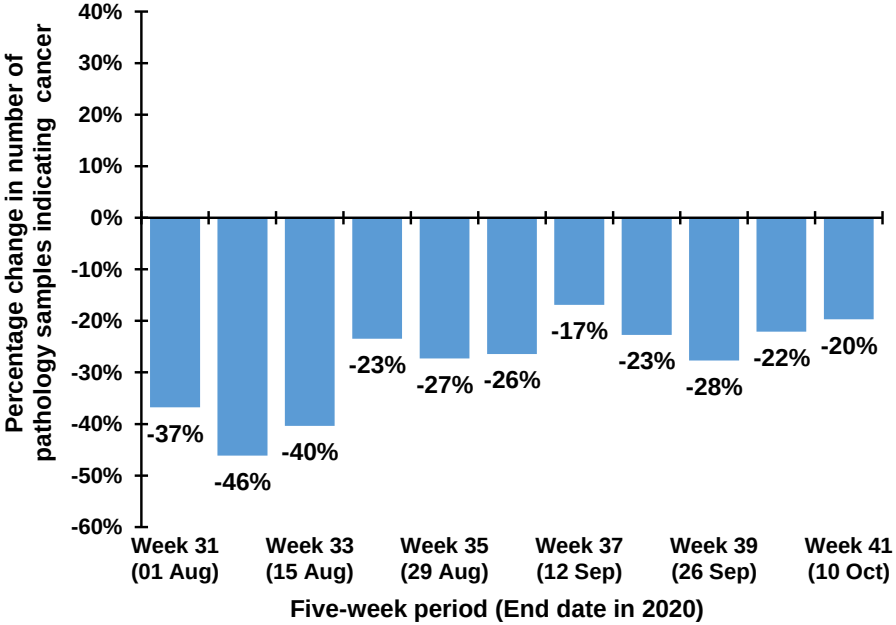
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

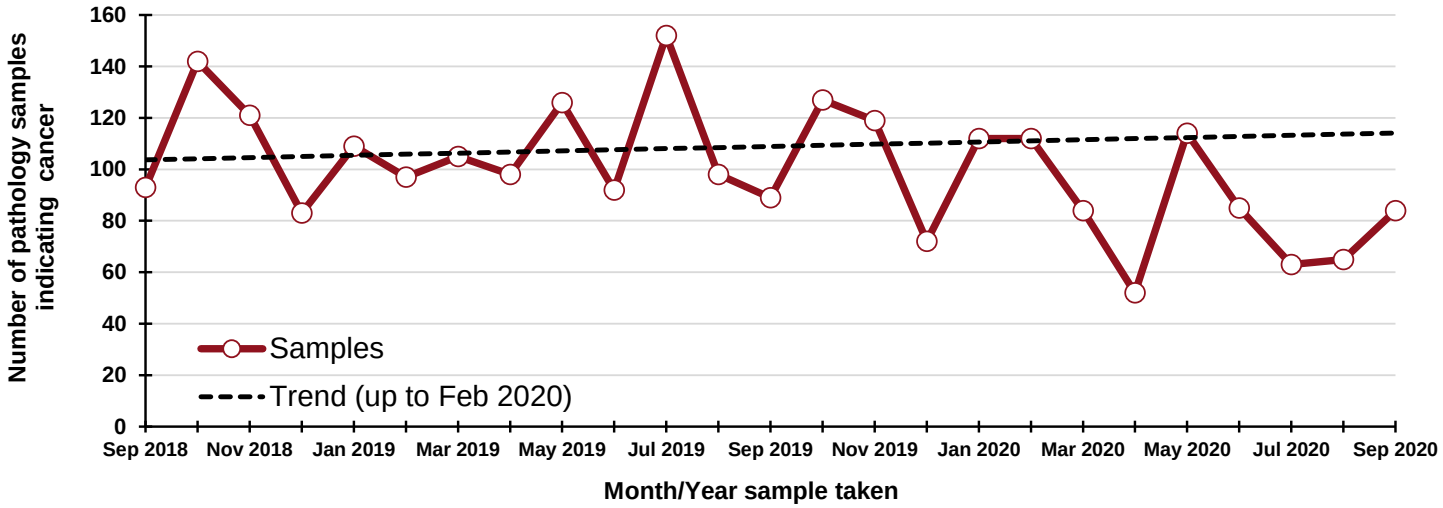


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	109	63	-42%
Aug	90	65	-28%
Sep	88	84	-5%
Oct*	55	23	-58%

** Part only - Up to week 41*

Note: (ICD10 codes: C61).

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	28	26			
Week 28 (11 Jul)	17	13			
Week 29 (18 Jul)	31	9			
Week 30 (25 Jul)	24	20			
Week 31 (01 Aug)	18	7	119	75	-37%
Week 32 (08 Aug)	17	9	108	58	-46%
Week 33 (15 Aug)	18	20	109	65	-40%
Week 34 (22 Aug)	20	19	98	75	-23%
Week 35 (29 Aug)	25	17	99	72	-27%
Week 36 (05 Sep)	24	12	105	77	-26%
Week 37 (12 Sep)	21	22	108	90	-17%
Week 38 (19 Sep)	19	14	109	84	-23%
Week 39 (26 Sep)	23	16	112	81	-28%
Week 40 (03 Oct)	25	23	112	87	-22%
Week 41 (10 Oct)	30	20	118	95	-20%

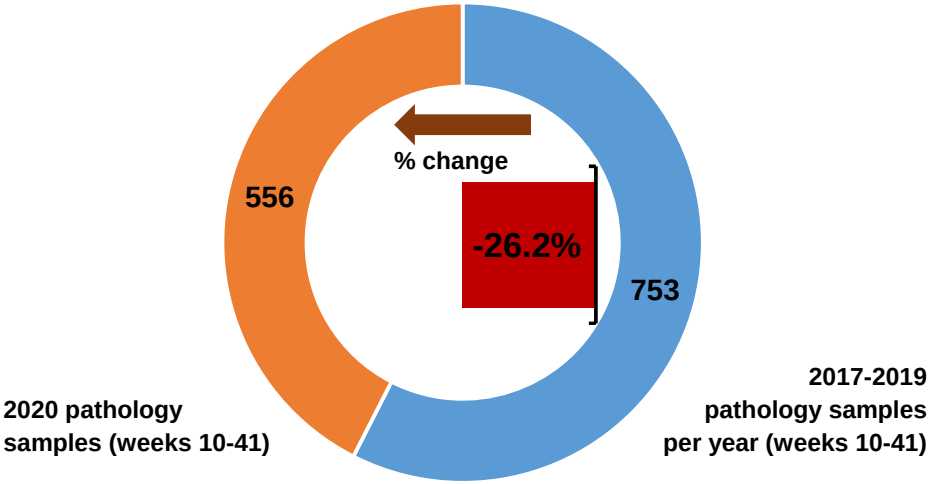
**Date week ended in 2020*

By month and year sample taken

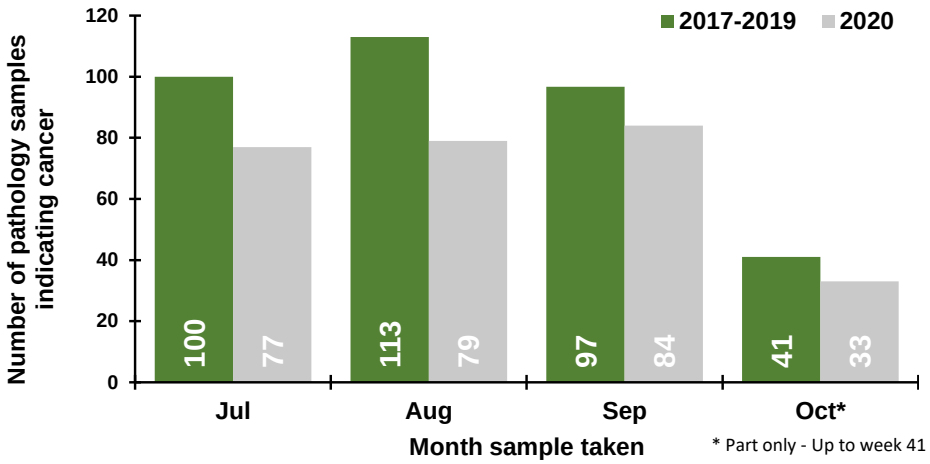
Month/Year	Samples
Sep 2018	93
Oct 2018	142
Nov 2018	121
Dec 2018	83
Jan 2019	109
Feb 2019	97
Mar 2019	105
Apr 2019	98
May 2019	126
Jun 2019	92
Jul 2019	152
Aug 2019	98
Sep 2019	89
Oct 2019	127
Nov 2019	119
Dec 2019	72
Jan 2020	112
Feb 2020	112
Mar 2020	84
Apr 2020	52
May 2020	114
Jun 2020	85
Jul 2020	63
Aug 2020	65
Sep 2020	84

Number of pathology samples indicating gynaecological cancer: Females

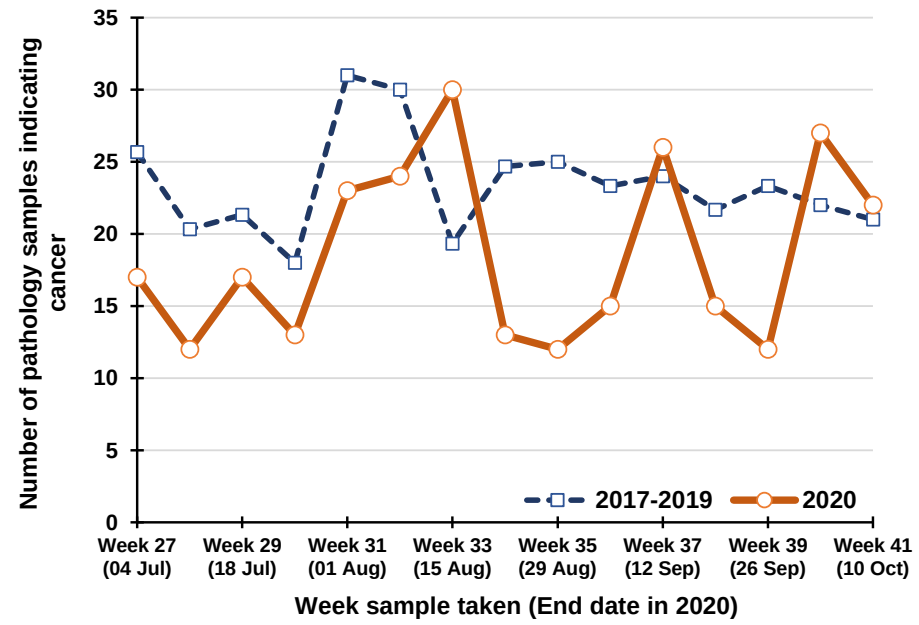
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



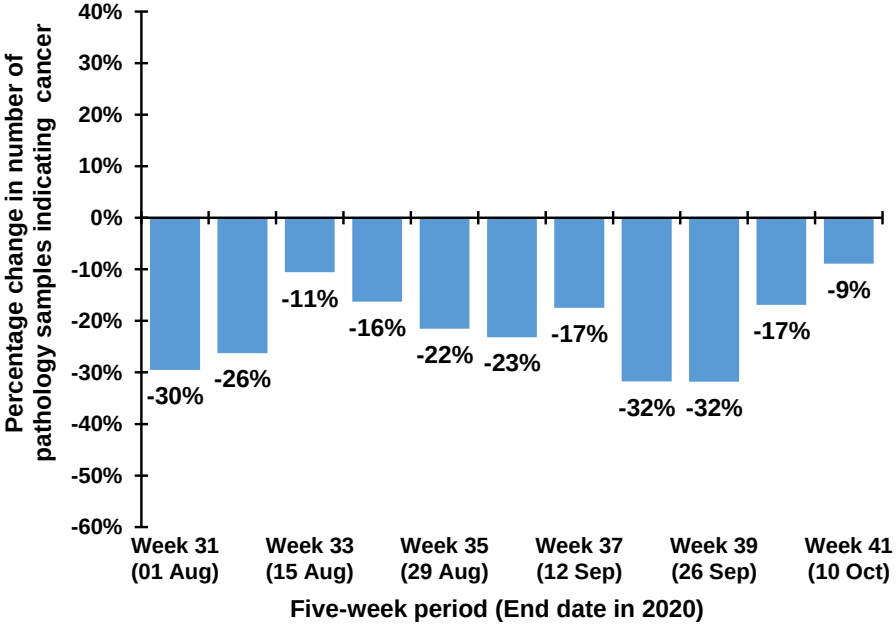
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

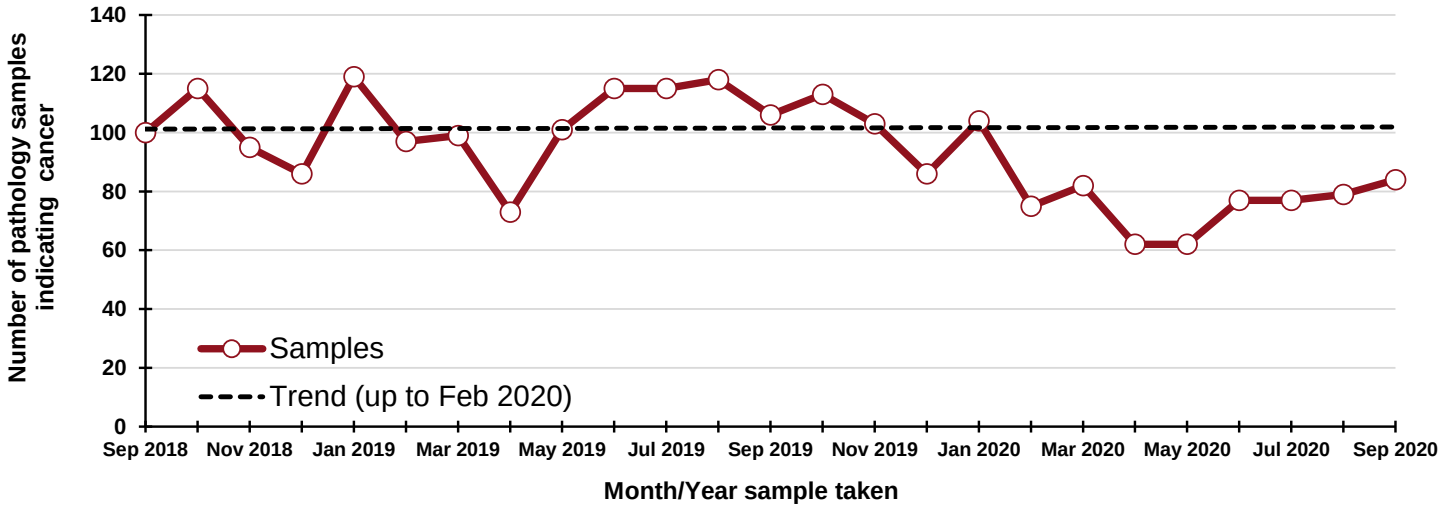


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	100	77	-23%
Aug	113	79	-30%
Sep	97	84	-13%
Oct*	41	33	-20%

** Part only - Up to week 41*

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

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total: 2017-2019 average	Five-week rolling total: 2020	Five-week rolling total: Percentage change
Week 27 (04 Jul)	26	17			
Week 28 (11 Jul)	20	12			
Week 29 (18 Jul)	21	17			
Week 30 (25 Jul)	18	13			
Week 31 (01 Aug)	31	23	116	82	-30%
Week 32 (08 Aug)	30	24	121	89	-26%
Week 33 (15 Aug)	19	30	120	107	-11%
Week 34 (22 Aug)	25	13	123	103	-16%
Week 35 (29 Aug)	25	12	130	102	-22%
Week 36 (05 Sep)	23	15	122	94	-23%
Week 37 (12 Sep)	24	26	116	96	-17%
Week 38 (19 Sep)	22	15	119	81	-32%
Week 39 (26 Sep)	23	12	117	80	-32%
Week 40 (03 Oct)	22	27	114	95	-17%
Week 41 (10 Oct)	21	22	112	102	-9%

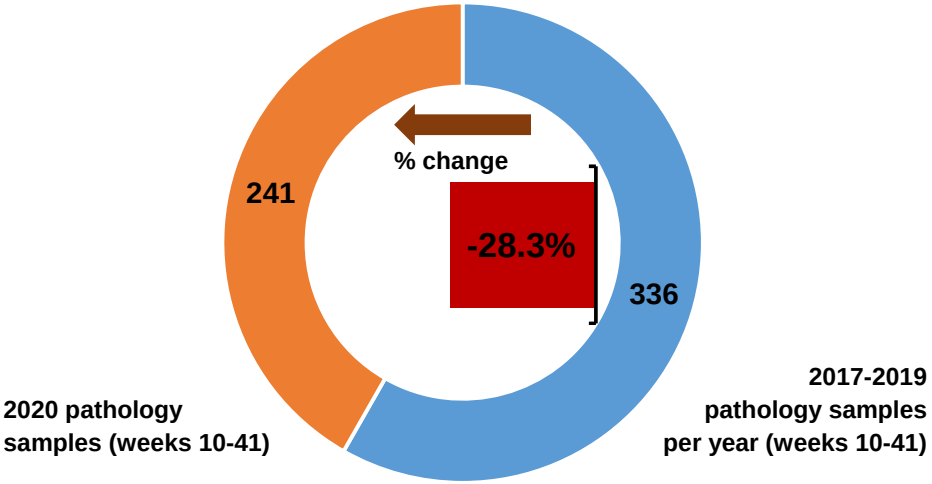
**Date week ended in 2020*

By month and year sample taken

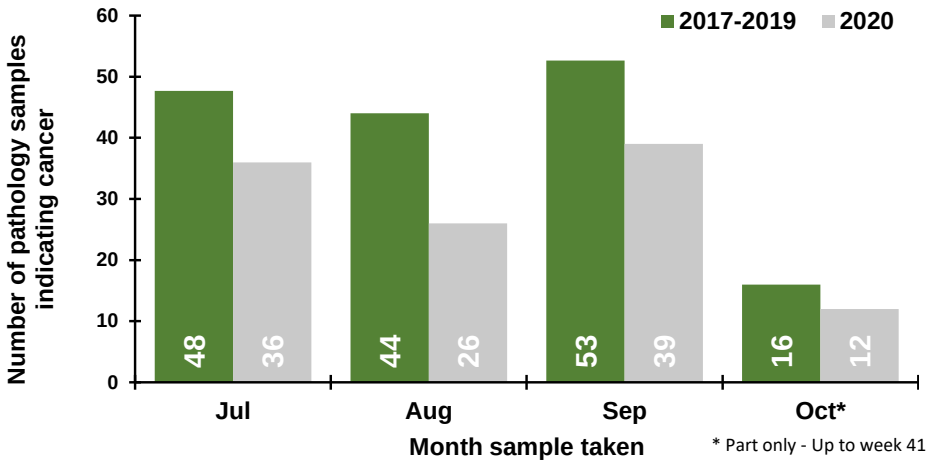
Month/Year	Samples
Sep 2018	100
Oct 2018	115
Nov 2018	95
Dec 2018	86
Jan 2019	119
Feb 2019	97
Mar 2019	99
Apr 2019	73
May 2019	101
Jun 2019	115
Jul 2019	115
Aug 2019	118
Sep 2019	106
Oct 2019	113
Nov 2019	103
Dec 2019	86
Jan 2020	104
Feb 2020	75
Mar 2020	82
Apr 2020	62
May 2020	62
Jun 2020	77
Jul 2020	77
Aug 2020	79
Sep 2020	84

Number of pathology samples indicating upper gastrointestinal cancer: All persons

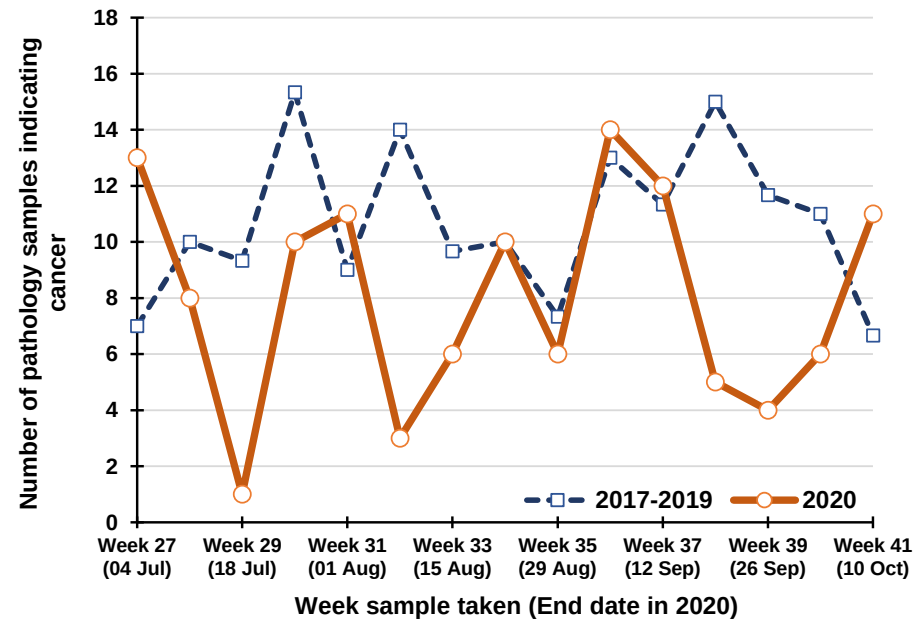
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



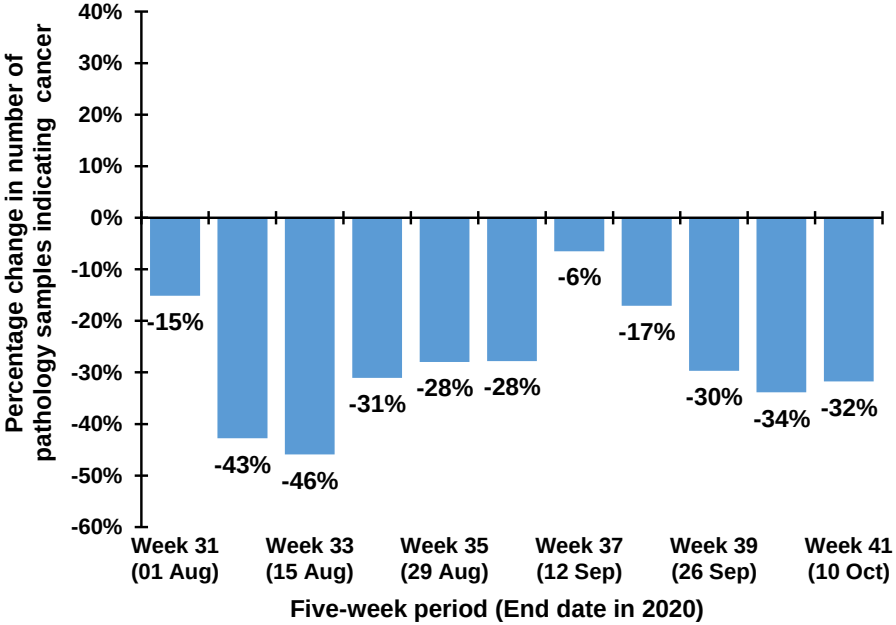
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

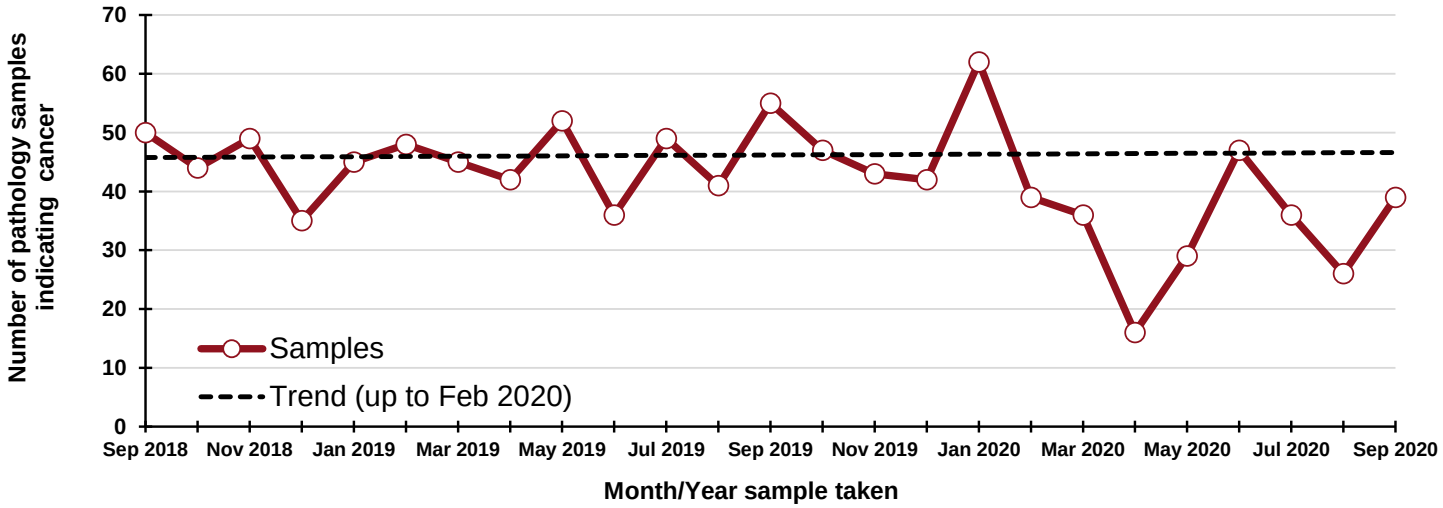


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	48	36	-24%
Aug	44	26	-41%
Sep	53	39	-26%
Oct*	16	12	-25%

** Part only - Up to week 41*

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

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total: 2017-2019 average	Five-week rolling total: 2020	Five-week rolling total: Percentage change
Week 27 (04 Jul)	7	13			
Week 28 (11 Jul)	10	8			
Week 29 (18 Jul)	9	1			
Week 30 (25 Jul)	15	10			
Week 31 (01 Aug)	9	11	51	43	-15%
Week 32 (08 Aug)	14	3	58	33	-43%
Week 33 (15 Aug)	10	6	57	31	-46%
Week 34 (22 Aug)	10	10	58	40	-31%
Week 35 (29 Aug)	7	6	50	36	-28%
Week 36 (05 Sep)	13	14	54	39	-28%
Week 37 (12 Sep)	11	12	51	48	-6%
Week 38 (19 Sep)	15	5	57	47	-17%
Week 39 (26 Sep)	12	4	58	41	-30%
Week 40 (03 Oct)	11	6	62	41	-34%
Week 41 (10 Oct)	7	11	56	38	-32%

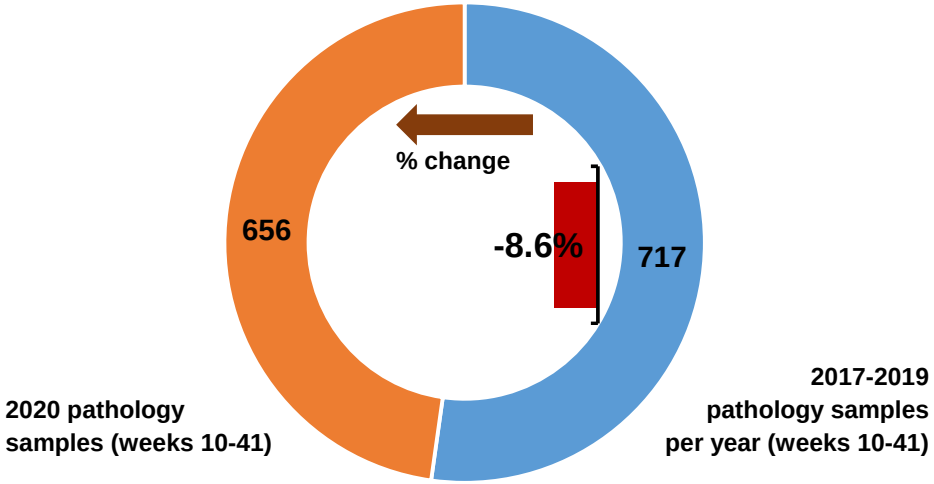
**Date week ended in 2020*

By month and year sample taken

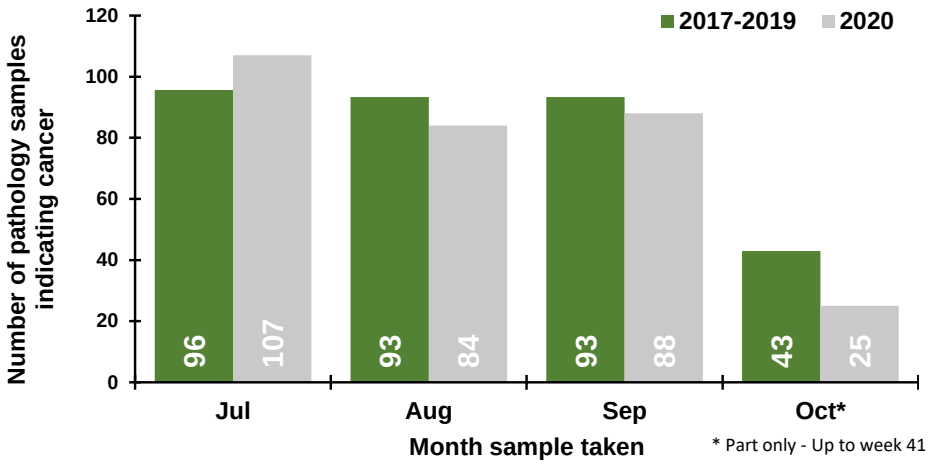
Month/Year	Samples
Sep 2018	50
Oct 2018	44
Nov 2018	49
Dec 2018	35
Jan 2019	45
Feb 2019	48
Mar 2019	45
Apr 2019	42
May 2019	52
Jun 2019	36
Jul 2019	49
Aug 2019	41
Sep 2019	55
Oct 2019	47
Nov 2019	43
Dec 2019	42
Jan 2020	62
Feb 2020	39
Mar 2020	36
Apr 2020	16
May 2020	29
Jun 2020	47
Jul 2020	36
Aug 2020	26
Sep 2020	39

Number of pathology samples indicating head & neck cancer: All persons

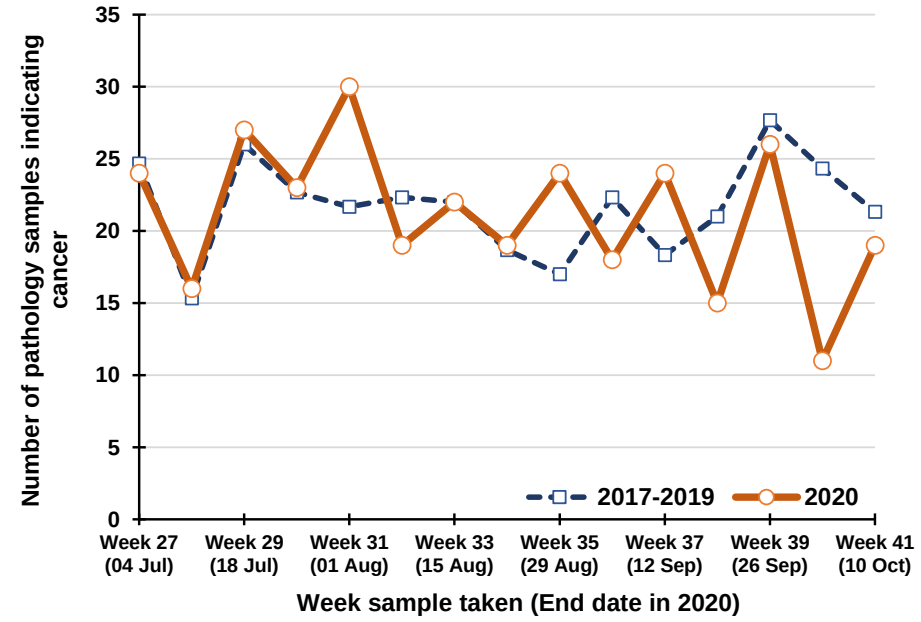
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



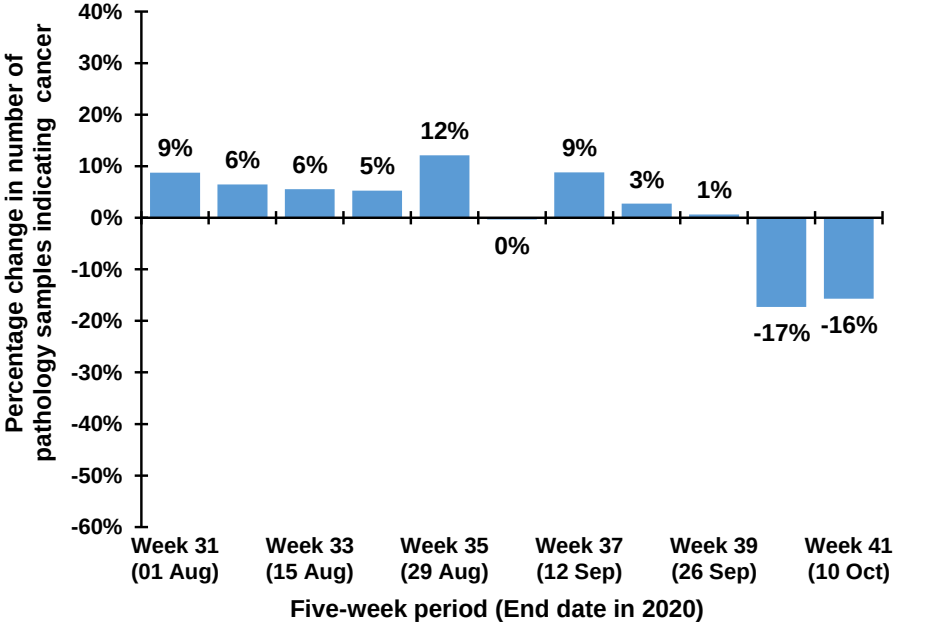
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

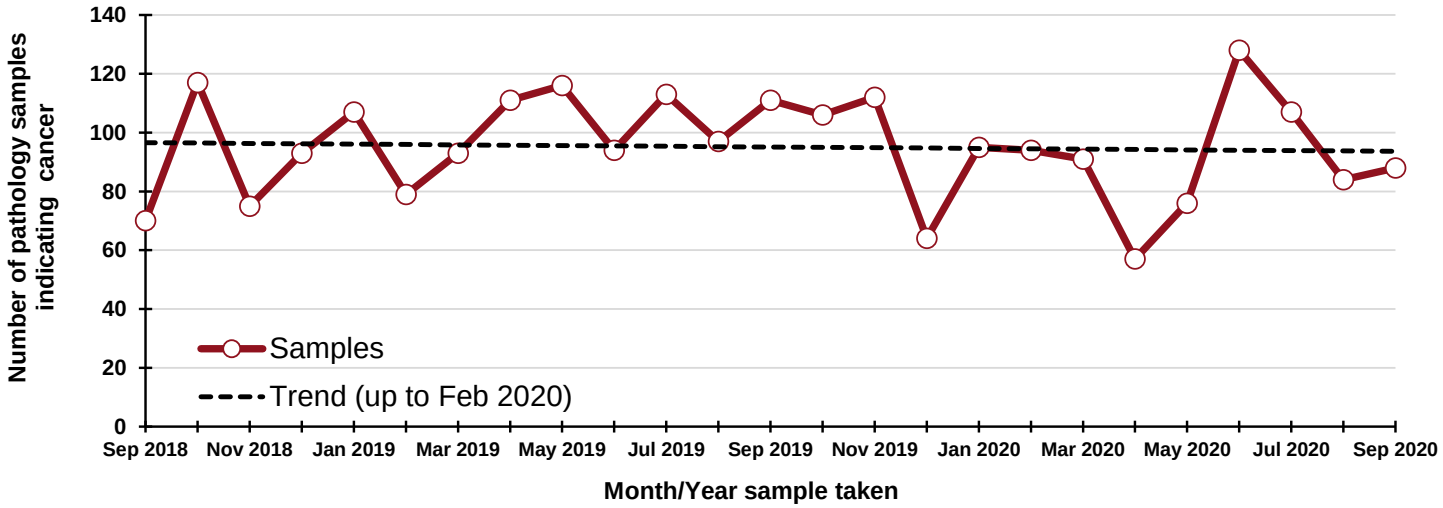


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	96	107	12%
Aug	93	84	-10%
Sep	93	88	-6%
Oct*	43	25	-42%

** Part only - Up to week 41*

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).

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total: 2017-2019 average	Five-week rolling total: 2020	Five-week rolling total: Percentage change
Week 27 (04 Jul)	25	24			
Week 28 (11 Jul)	15	16			
Week 29 (18 Jul)	26	27			
Week 30 (25 Jul)	23	23			
Week 31 (01 Aug)	22	30	110	120	9%
Week 32 (08 Aug)	22	19	108	115	6%
Week 33 (15 Aug)	22	22	115	121	6%
Week 34 (22 Aug)	19	19	107	113	5%
Week 35 (29 Aug)	17	24	102	114	12%
Week 36 (05 Sep)	22	18	102	102	0%
Week 37 (12 Sep)	18	24	98	107	9%
Week 38 (19 Sep)	21	15	97	100	3%
Week 39 (26 Sep)	28	26	106	107	1%
Week 40 (03 Oct)	24	11	114	94	-17%
Week 41 (10 Oct)	21	19	113	95	-16%

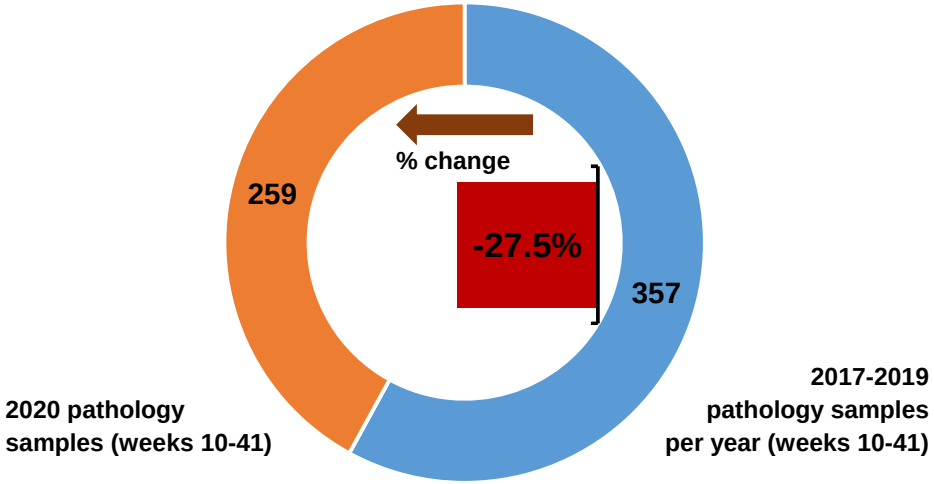
**Date week ended in 2020*

By month and year sample taken

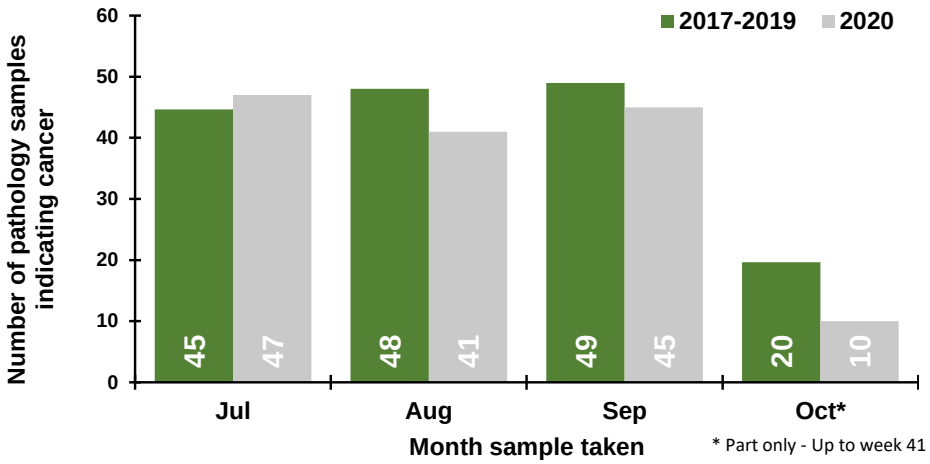
Month/Year	Samples
Sep 2018	70
Oct 2018	117
Nov 2018	75
Dec 2018	93
Jan 2019	107
Feb 2019	79
Mar 2019	93
Apr 2019	111
May 2019	116
Jun 2019	94
Jul 2019	113
Aug 2019	97
Sep 2019	111
Oct 2019	106
Nov 2019	112
Dec 2019	64
Jan 2020	95
Feb 2020	94
Mar 2020	91
Apr 2020	57
May 2020	76
Jun 2020	128
Jul 2020	107
Aug 2020	84
Sep 2020	88

Number of pathology samples indicating urinary cancer: All persons

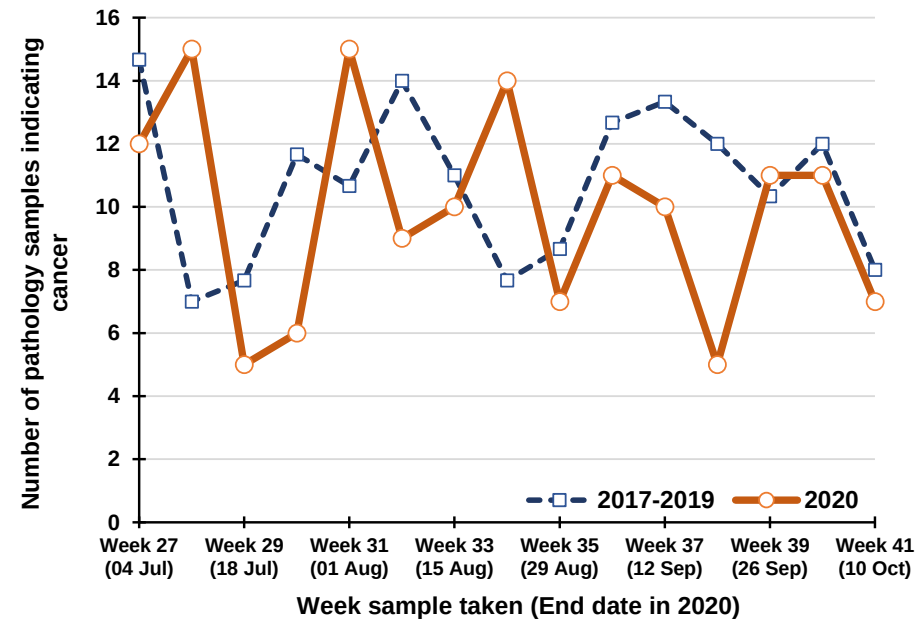
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



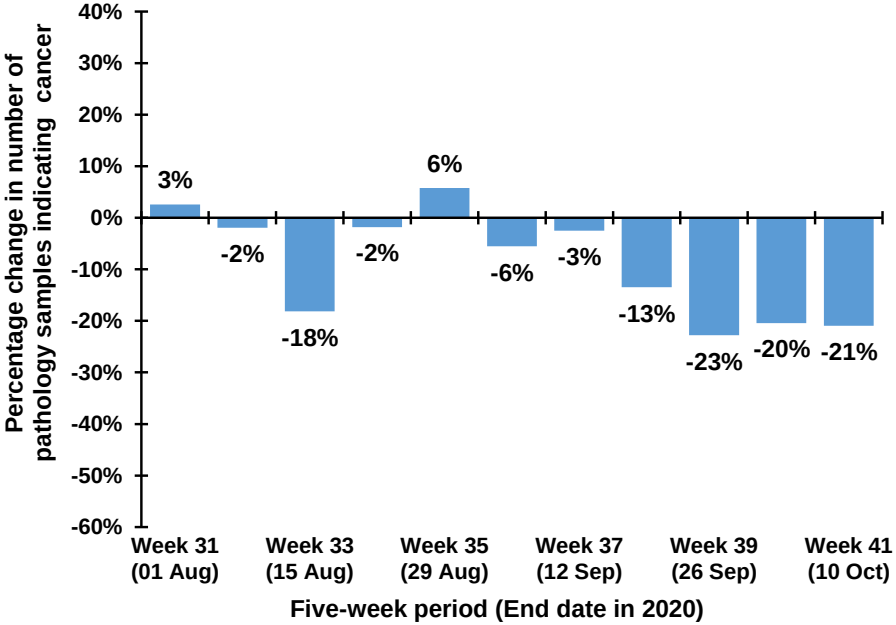
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

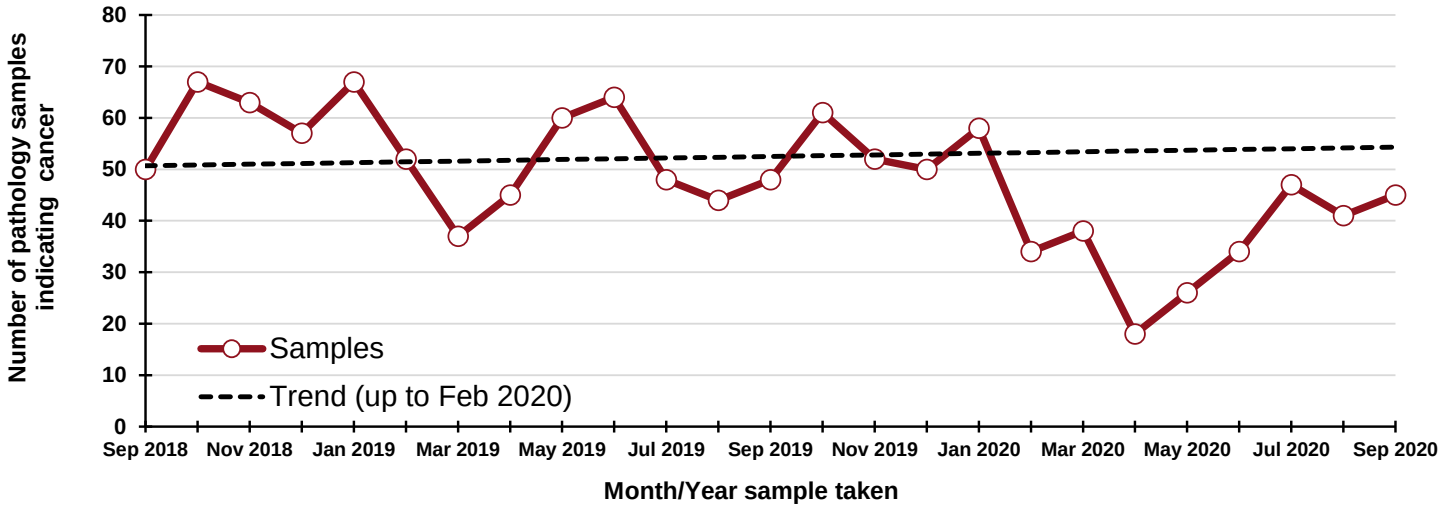


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	45	47	5%
Aug	48	41	-15%
Sep	49	45	-8%
Oct*	20	10	-49%

** Part only - Up to week 41*

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

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total: 2017-2019 average	Five-week rolling total: 2020	Five-week rolling total: Percentage change
Week 27 (04 Jul)	15	12			
Week 28 (11 Jul)	7	15			
Week 29 (18 Jul)	8	5			
Week 30 (25 Jul)	12	6			
Week 31 (01 Aug)	11	15	52	53	3%
Week 32 (08 Aug)	14	9	51	50	-2%
Week 33 (15 Aug)	11	10	55	45	-18%
Week 34 (22 Aug)	8	14	55	54	-2%
Week 35 (29 Aug)	9	7	52	55	6%
Week 36 (05 Sep)	13	11	54	51	-6%
Week 37 (12 Sep)	13	10	53	52	-3%
Week 38 (19 Sep)	12	5	54	47	-13%
Week 39 (26 Sep)	10	11	57	44	-23%
Week 40 (03 Oct)	12	11	60	48	-20%
Week 41 (10 Oct)	8	7	56	44	-21%

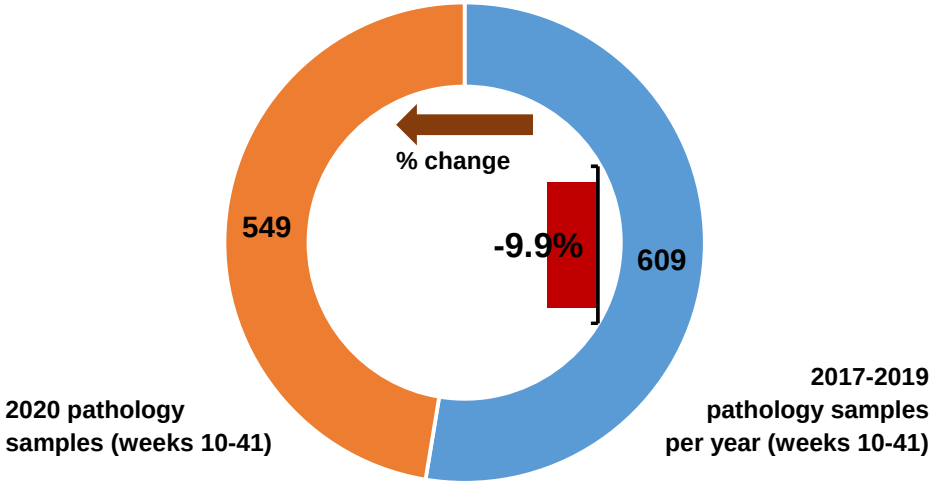
**Date week ended in 2020*

By month and year sample taken

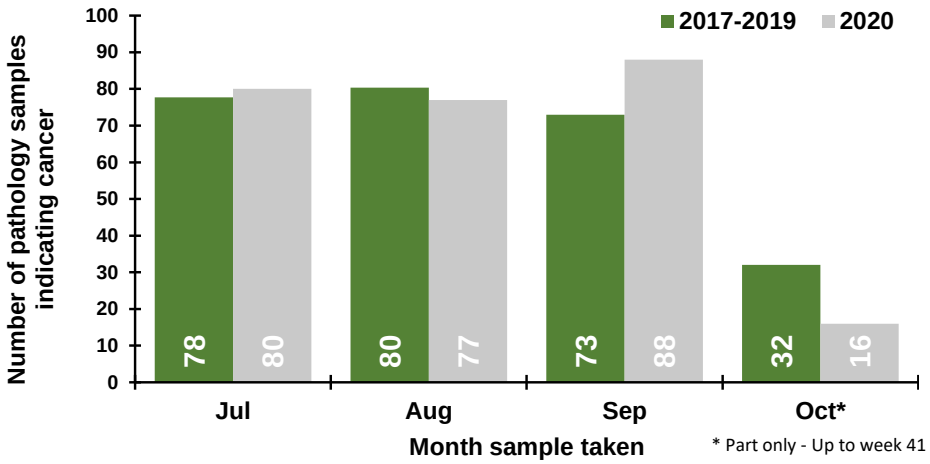
Month/Year	Samples
Sep 2018	50
Oct 2018	67
Nov 2018	63
Dec 2018	57
Jan 2019	67
Feb 2019	52
Mar 2019	37
Apr 2019	45
May 2019	60
Jun 2019	64
Jul 2019	48
Aug 2019	44
Sep 2019	48
Oct 2019	61
Nov 2019	52
Dec 2019	50
Jan 2020	58
Feb 2020	34
Mar 2020	38
Apr 2020	18
May 2020	26
Jun 2020	34
Jul 2020	47
Aug 2020	41
Sep 2020	45

Number of pathology samples indicating haematological cancer: All persons

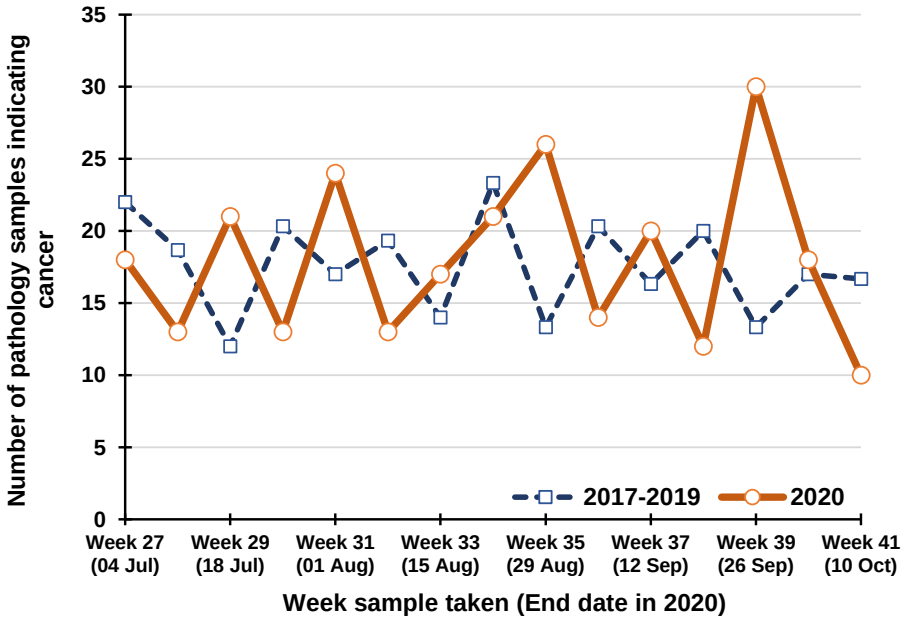
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



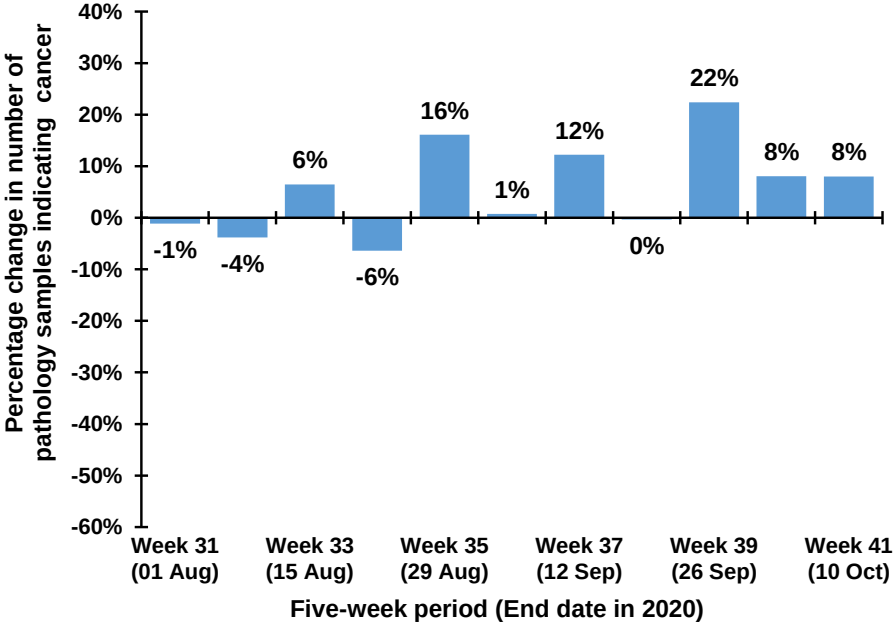
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

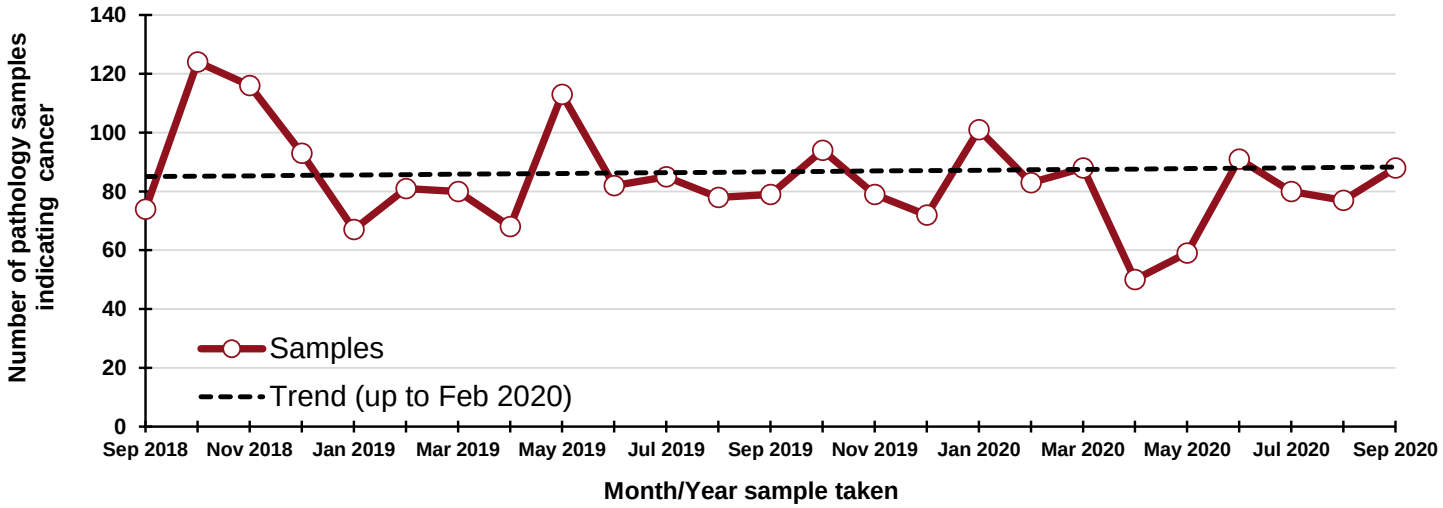


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	78	80	3%
Aug	80	77	-4%
Sep	73	88	21%
Oct*	32	16	-50%

** Part only - Up to week 41*

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

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	22	18			
Week 28 (11 Jul)	19	13			
Week 29 (18 Jul)	12	21			
Week 30 (25 Jul)	20	13			
Week 31 (01 Aug)	17	24	90	89	-1%
Week 32 (08 Aug)	19	13	87	84	-4%
Week 33 (15 Aug)	14	17	83	88	6%
Week 34 (22 Aug)	23	21	94	88	-6%
Week 35 (29 Aug)	13	26	87	101	16%
Week 36 (05 Sep)	20	14	90	91	1%
Week 37 (12 Sep)	16	20	87	98	12%
Week 38 (19 Sep)	20	12	93	93	0%
Week 39 (26 Sep)	13	30	83	102	22%
Week 40 (03 Oct)	17	18	87	94	8%
Week 41 (10 Oct)	17	10	83	90	8%

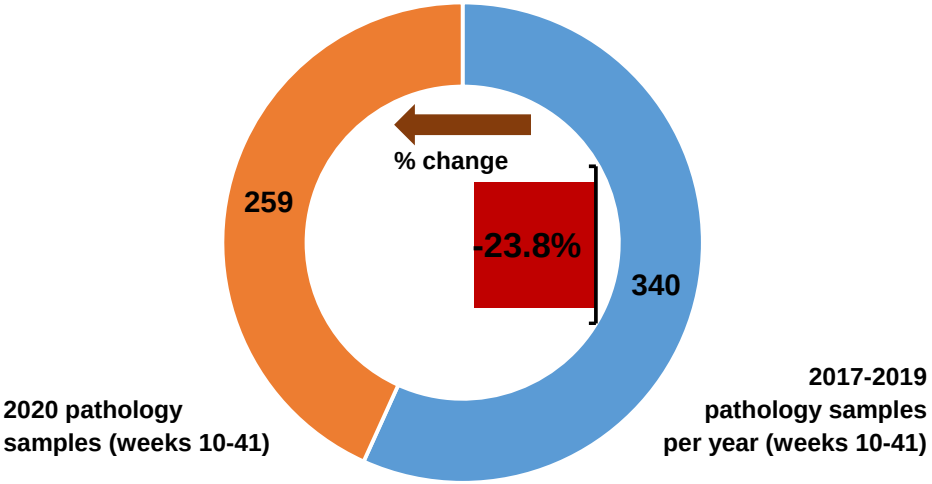
**Date week ended in 2020*

By month and year sample taken

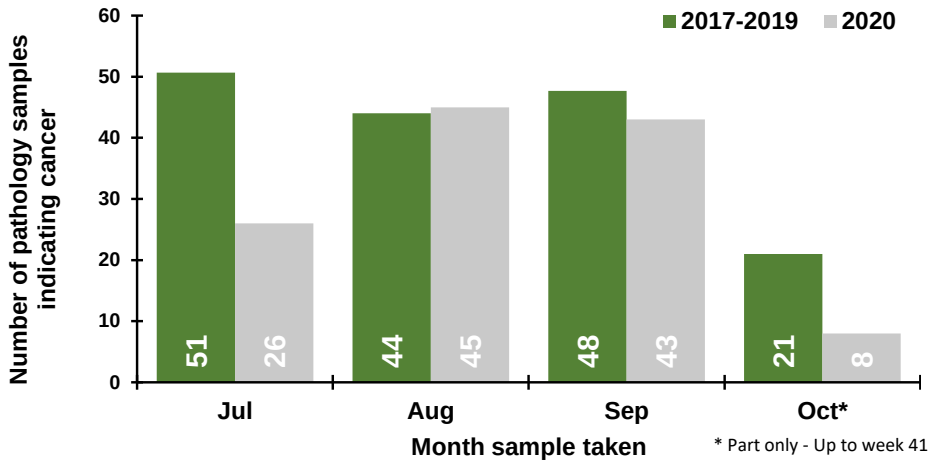
Month/Year	Samples
Sep 2018	74
Oct 2018	124
Nov 2018	116
Dec 2018	93
Jan 2019	67
Feb 2019	81
Mar 2019	80
Apr 2019	68
May 2019	113
Jun 2019	82
Jul 2019	85
Aug 2019	78
Sep 2019	79
Oct 2019	94
Nov 2019	79
Dec 2019	72
Jan 2020	101
Feb 2020	83
Mar 2020	88
Apr 2020	50
May 2020	59
Jun 2020	91
Jul 2020	80
Aug 2020	77
Sep 2020	88

Number of pathology samples indicating malignant melanoma: All persons

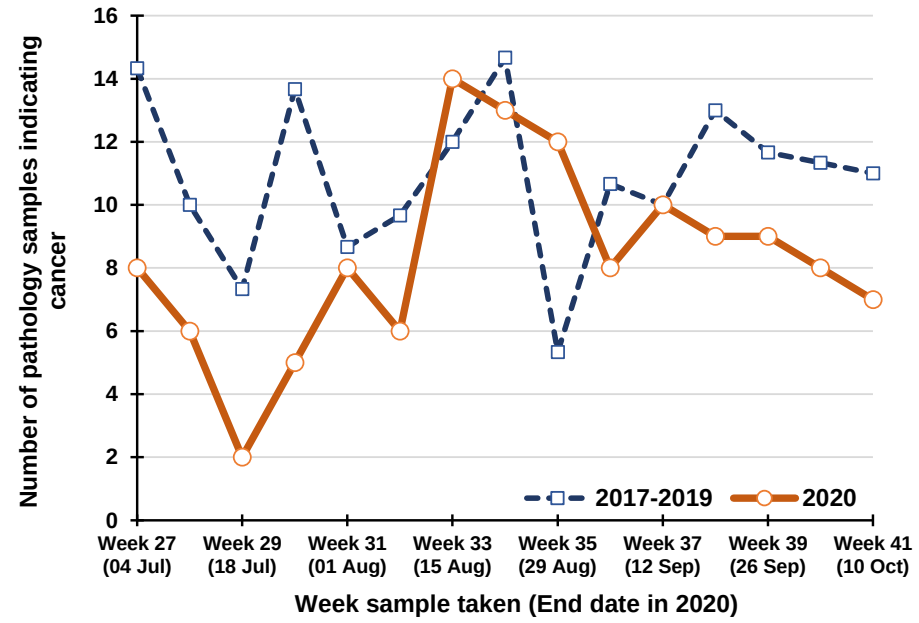
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



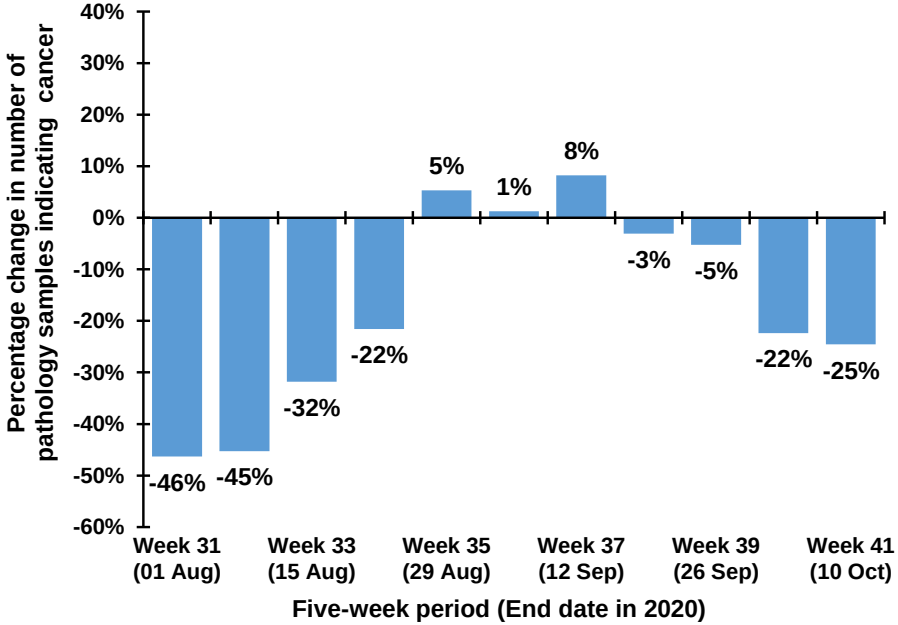
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

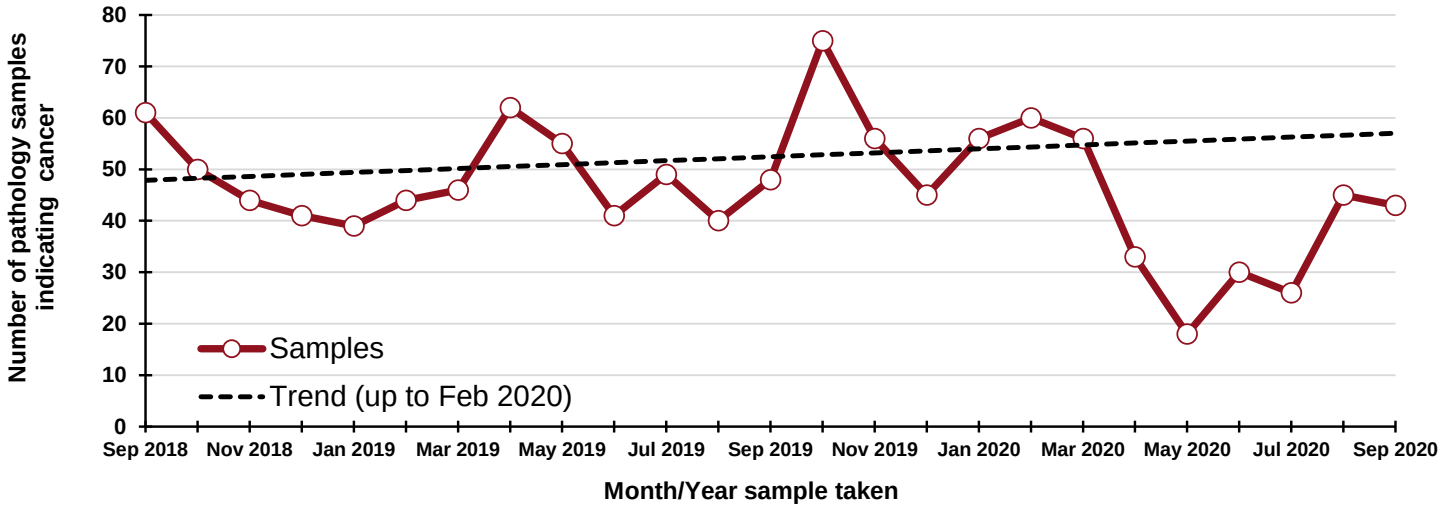


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	51	26	-49%
Aug	44	45	2%
Sep	48	43	-10%
Oct*	21	8	-62%

** Part only - Up to week 41*

Note: (ICD10 code: C43).

By week sample taken

Week number*	2017-2019 average	2020	Five-week rolling total 2017-2019 average	Five-week rolling total 2020	Five-week rolling total Percentage change
Week 27 (04 Jul)	14	8			
Week 28 (11 Jul)	10	6			
Week 29 (18 Jul)	7	2			
Week 30 (25 Jul)	14	5			
Week 31 (01 Aug)	9	8	54	29	-46%
Week 32 (08 Aug)	10	6	49	27	-45%
Week 33 (15 Aug)	12	14	51	35	-32%
Week 34 (22 Aug)	15	13	59	46	-22%
Week 35 (29 Aug)	5	12	50	53	5%
Week 36 (05 Sep)	11	8	52	53	1%
Week 37 (12 Sep)	10	10	53	57	8%
Week 38 (19 Sep)	13	9	54	52	-3%
Week 39 (26 Sep)	12	9	51	48	-5%
Week 40 (03 Oct)	11	8	57	44	-22%
Week 41 (10 Oct)	11	7	57	43	-25%

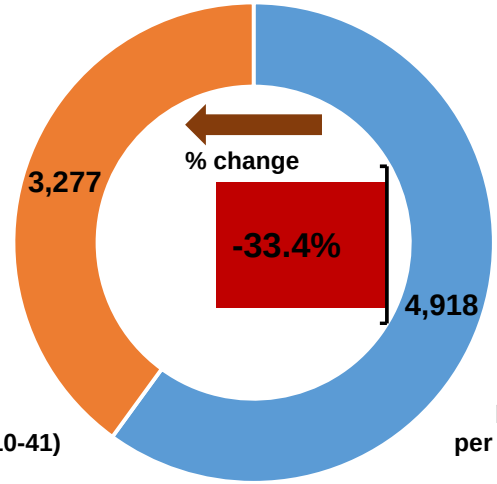
**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	61
Oct 2018	50
Nov 2018	44
Dec 2018	41
Jan 2019	39
Feb 2019	44
Mar 2019	46
Apr 2019	62
May 2019	55
Jun 2019	41
Jul 2019	49
Aug 2019	40
Sep 2019	48
Oct 2019	75
Nov 2019	56
Dec 2019	45
Jan 2020	56
Feb 2020	60
Mar 2020	56
Apr 2020	33
May 2020	18
Jun 2020	30
Jul 2020	26
Aug 2020	45
Sep 2020	43

Number of pathology samples indicating non-melanoma skin cancer: All persons

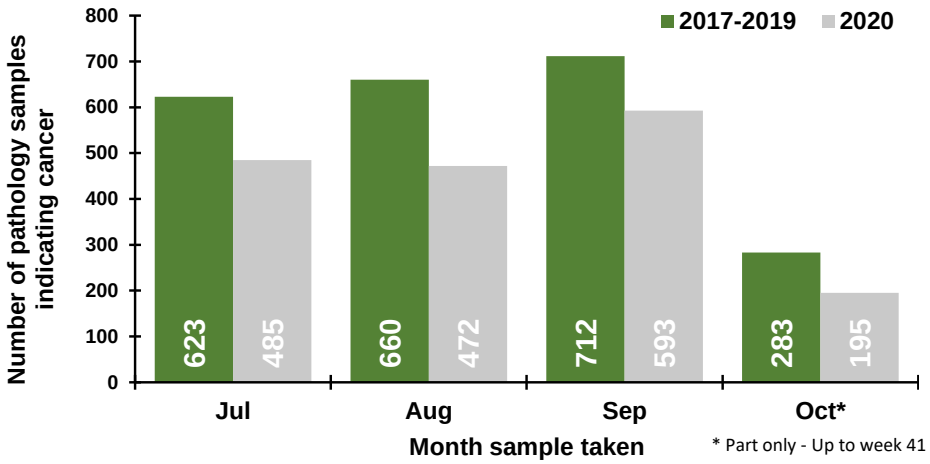
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



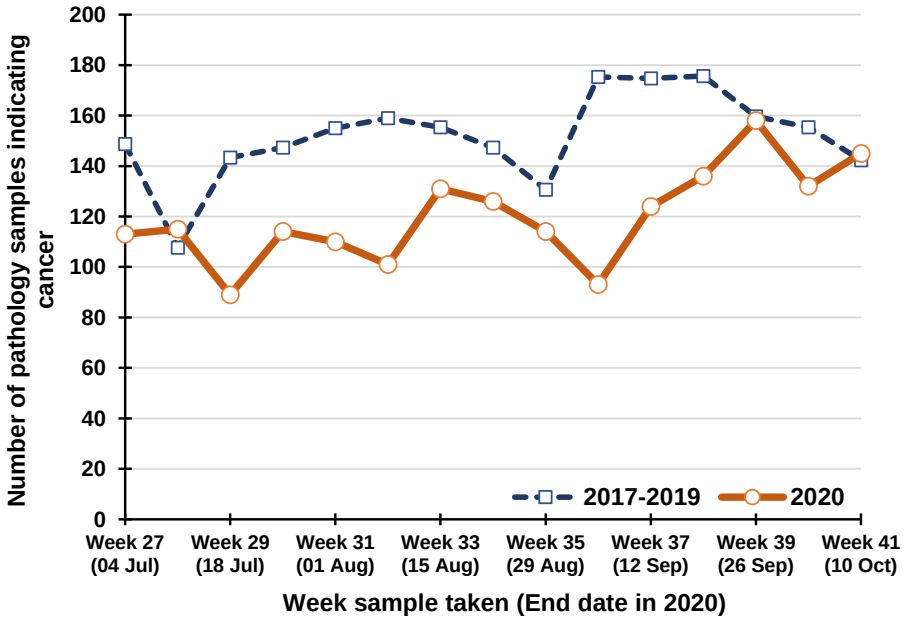
2020 pathology samples (weeks 10-41)

2017-2019 pathology samples per year (weeks 10-41)

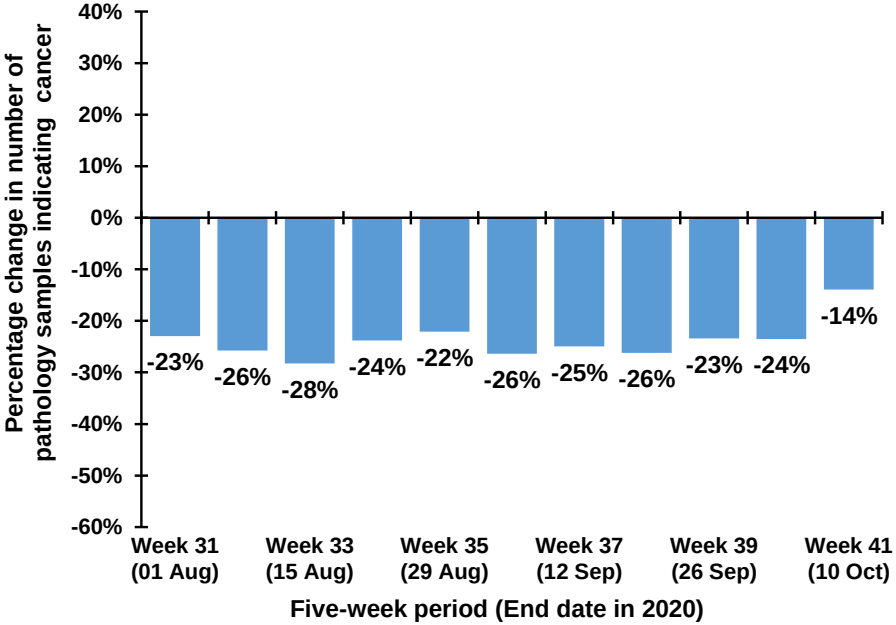
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

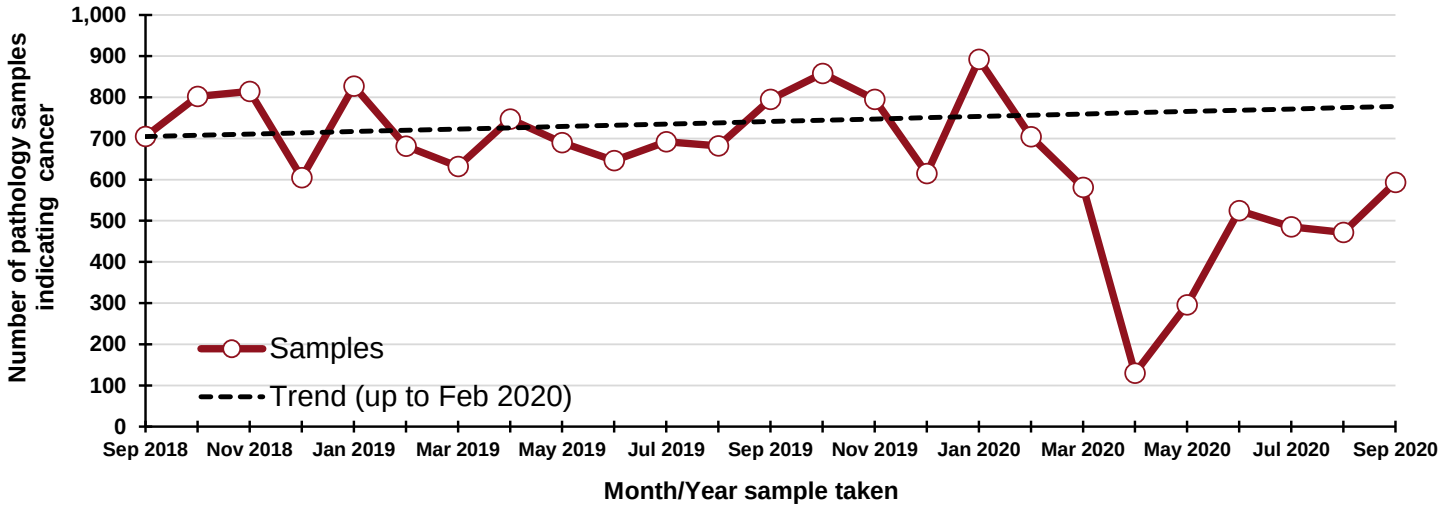


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	623	485	-22%
Aug	660	472	-29%
Sep	712	593	-17%
Oct*	283	195	-31%

** Part only - Up to week 41*

Note: (ICD10 code: C44).

By week sample taken

			Five-week rolling total		
Week number*	2017-2019 average	2020	2017-2019 average	2020	Percentage change
Week 27 (04 Jul)	149	113			
Week 28 (11 Jul)	108	115			
Week 29 (18 Jul)	143	89			
Week 30 (25 Jul)	147	114			
Week 31 (01 Aug)	155	110	702	541	-23%
Week 32 (08 Aug)	159	101	712	529	-26%
Week 33 (15 Aug)	155	131	760	545	-28%
Week 34 (22 Aug)	147	126	764	582	-24%
Week 35 (29 Aug)	131	114	747	582	-22%
Week 36 (05 Sep)	175	93	768	565	-26%
Week 37 (12 Sep)	175	124	783	588	-25%
Week 38 (19 Sep)	176	136	804	593	-26%
Week 39 (26 Sep)	160	158	816	625	-23%
Week 40 (03 Oct)	155	132	841	643	-24%
Week 41 (10 Oct)	142	145	808	695	-14%

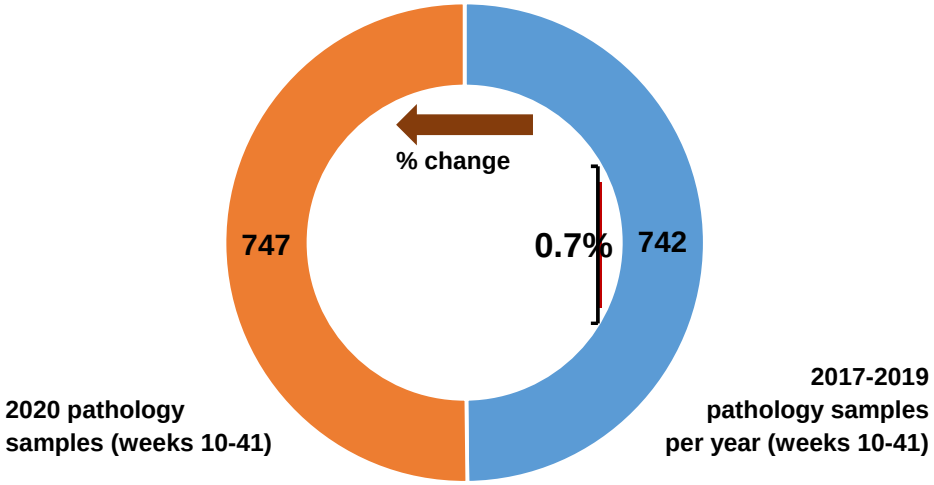
**Date week ended in 2020*

By month and year sample taken

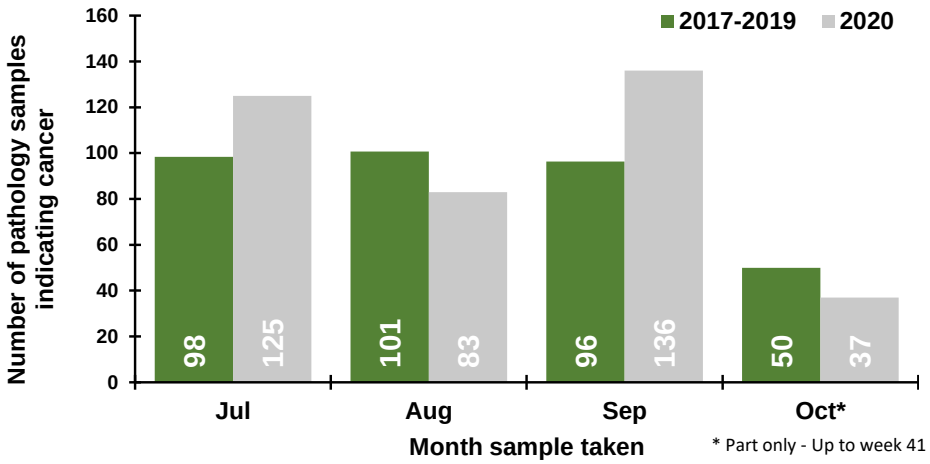
Month/Year	Samples
Sep 2018	705
Oct 2018	802
Nov 2018	814
Dec 2018	605
Jan 2019	827
Feb 2019	681
Mar 2019	632
Apr 2019	747
May 2019	690
Jun 2019	646
Jul 2019	692
Aug 2019	682
Sep 2019	795
Oct 2019	858
Nov 2019	795
Dec 2019	615
Jan 2020	892
Feb 2020	704
Mar 2020	581
Apr 2020	130
May 2020	296
Jun 2020	525
Jul 2020	485
Aug 2020	472
Sep 2020	593

Number of pathology samples indicating other cancer: All persons

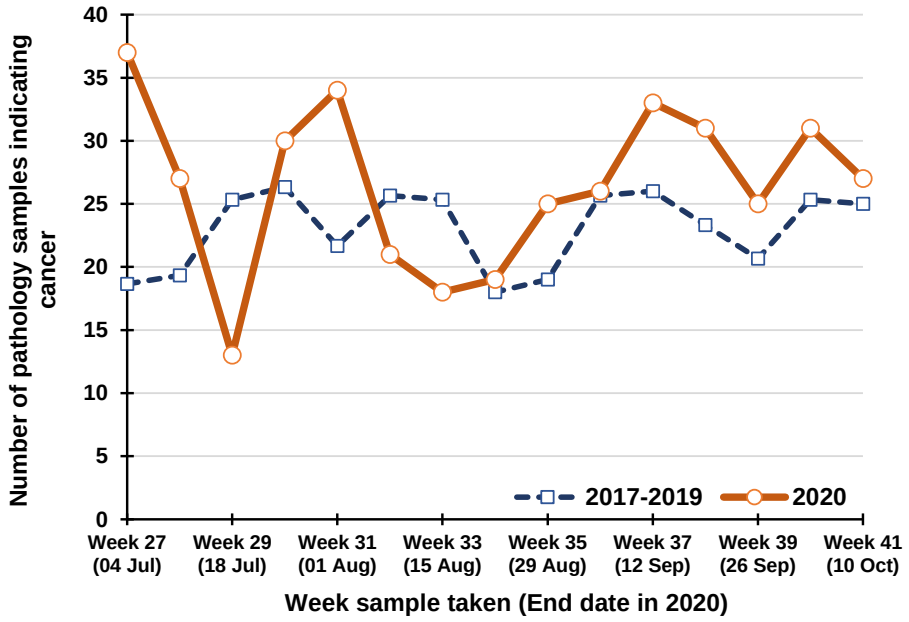
Number of pathology samples indicating cancer taken from 1 Mar 2020 to 10 Oct 2020



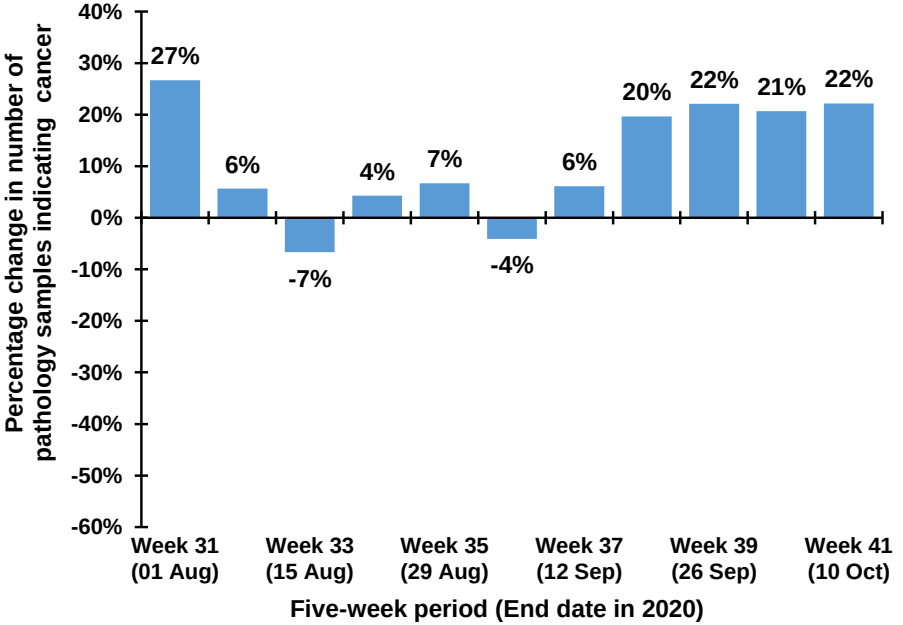
Number of pathology samples indicating cancer by month sample taken



Number of pathology samples indicating cancer by week sample taken

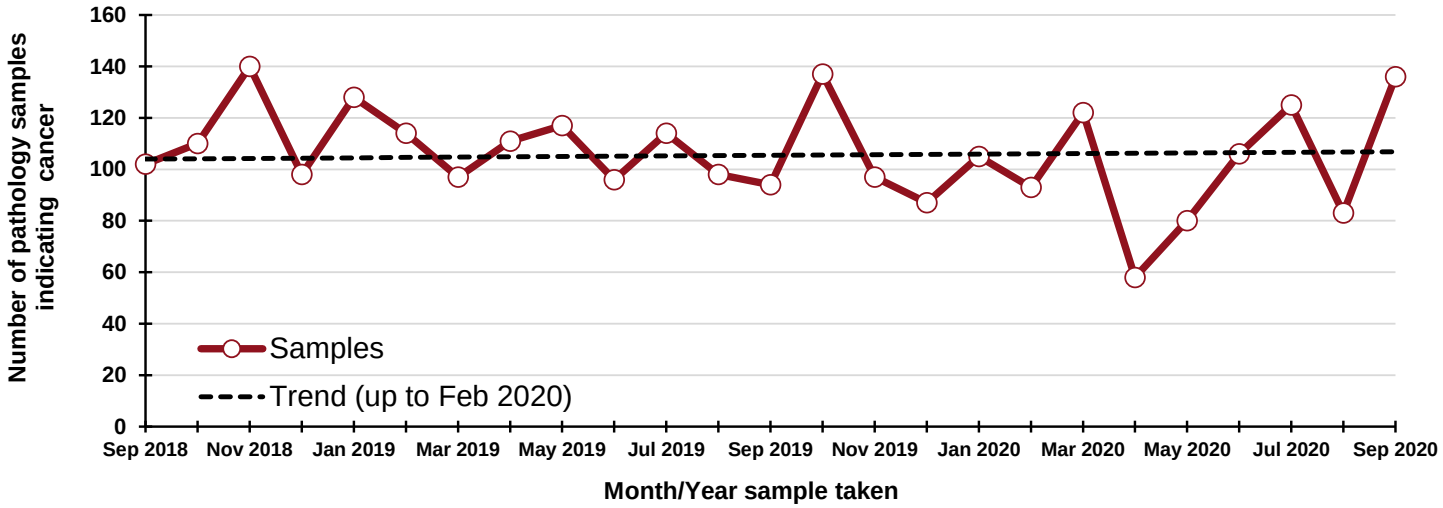


Percentage change between 2017-19 and 2020 in the number of pathology samples indicating cancer taken in the previous five weeks



Note: The 12th July occurs in week 28 during 2017-2019, but occurs in week 29 in 2020. Caution should thus be exercised in comparisons of week 28 & 29 between 2017-2019 and 2020

Trend in number of pathology samples indicating cancer by month and year sample taken



DATA TABLES - Trend in number of pathology samples indicating cancer

By month sample taken

Month	2017-2019 average	2020	Percentage change
Jul	98	125	27%
Aug	101	83	-18%
Sep	96	136	41%
Oct*	50	37	-26%

** Part only - Up to week 41*

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 sample taken

Week number*	2017-2019 average	2020	Five-week rolling total: 2017-2019 average	Five-week rolling total: 2020	Five-week rolling total: Percentage change
Week 27 (04 Jul)	19	37			
Week 28 (11 Jul)	19	27			
Week 29 (18 Jul)	25	13			
Week 30 (25 Jul)	26	30			
Week 31 (01 Aug)	22	34	111	141	27%
Week 32 (08 Aug)	26	21	118	125	6%
Week 33 (15 Aug)	25	18	124	116	-7%
Week 34 (22 Aug)	18	19	117	122	4%
Week 35 (29 Aug)	19	25	110	117	7%
Week 36 (05 Sep)	26	26	114	109	-4%
Week 37 (12 Sep)	26	33	114	121	6%
Week 38 (19 Sep)	23	31	112	134	20%
Week 39 (26 Sep)	21	25	115	140	22%
Week 40 (03 Oct)	25	31	121	146	21%
Week 41 (10 Oct)	25	27	120	147	22%

**Date week ended in 2020*

By month and year sample taken

Month/Year	Samples
Sep 2018	102
Oct 2018	110
Nov 2018	140
Dec 2018	98
Jan 2019	128
Feb 2019	114
Mar 2019	97
Apr 2019	111
May 2019	117
Jun 2019	96
Jul 2019	114
Aug 2019	98
Sep 2019	94
Oct 2019	137
Nov 2019	97
Dec 2019	87
Jan 2020	105
Feb 2020	93
Mar 2020	122
Apr 2020	58
May 2020	80
Jun 2020	106
Jul 2020	125
Aug 2020	83
Sep 2020	136

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 pathology samples taken in the given week/month which indicated a malignant tumour and had this result coded and recorded by the end of October 2020. Further samples taken during Jan-Oct may not yet have been recorded as a result was not available by the end of October 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. The presented number of cancer samples does not therefore represent the number of people with pathologically diagnosed cancer, but does indicate the processing workload of Northern Ireland's NHS pathology laboratories for new cancer cases.

Acknowledgements

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Further Information

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