



HIV in Ireland: Latest trends including 2019 and 2020 provisional data

November 2021

Health Protection Surveillance Centre

Acknowledgements

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The impact of the COVID-19 pandemic on HIV notifications in Ireland, 2019 and 2020

These slides present provisional data on HIV notifications to HPSC during 2019 and 2020, via the Computerised Infectious Disease Reporting system (CIDR).

Due to the impact of the COVID-19 pandemic, there was a reduction in the number of HIV notifications during 2020. This is likely to be due to a number of factors including long periods of national lockdown, social and physical distancing measures; reduced sexual health and GP services and reduced testing opportunities.

The COVID-19 pandemic also affected the collection and reporting of enhanced data variables, such as probable route of transmission, region of origin, history of previous positive test for HIV notifications during 2019 and particularly during 2020. Initiatives to improve data quality are currently underway but all enhanced data for this time period should be interpreted with caution.

Provisional 2019 notifications



These slides present latest trends in HIV data including provisional data on HIV notifications in 2019

2019 data

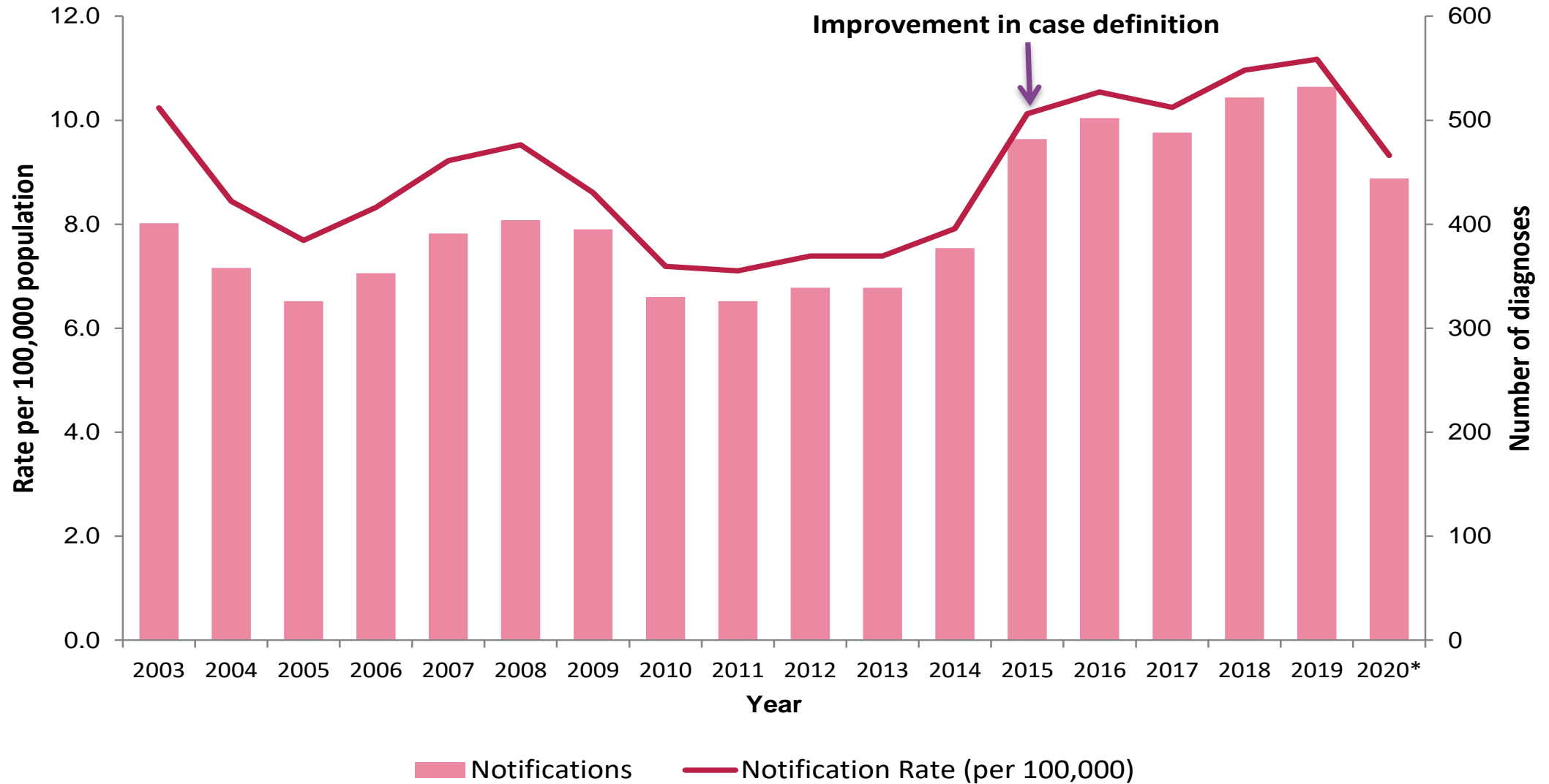
- 532 HIV notifications in 2019 – rate of 11.2 per 100,000 population
- 2% increase compared to 2018 (n=522)
- 74% of notifications among males
- Median age of adult cases - 35 years (range 18-76 years)
 - 8% in young people (aged 15-24 years)
 - 12% in older people (aged 50+years)
 - Highest rates in 25-29 year olds (males and females)

Provisional 2020 notifications

These slides present latest trends in HIV data including provisional data on HIV notifications in 2020

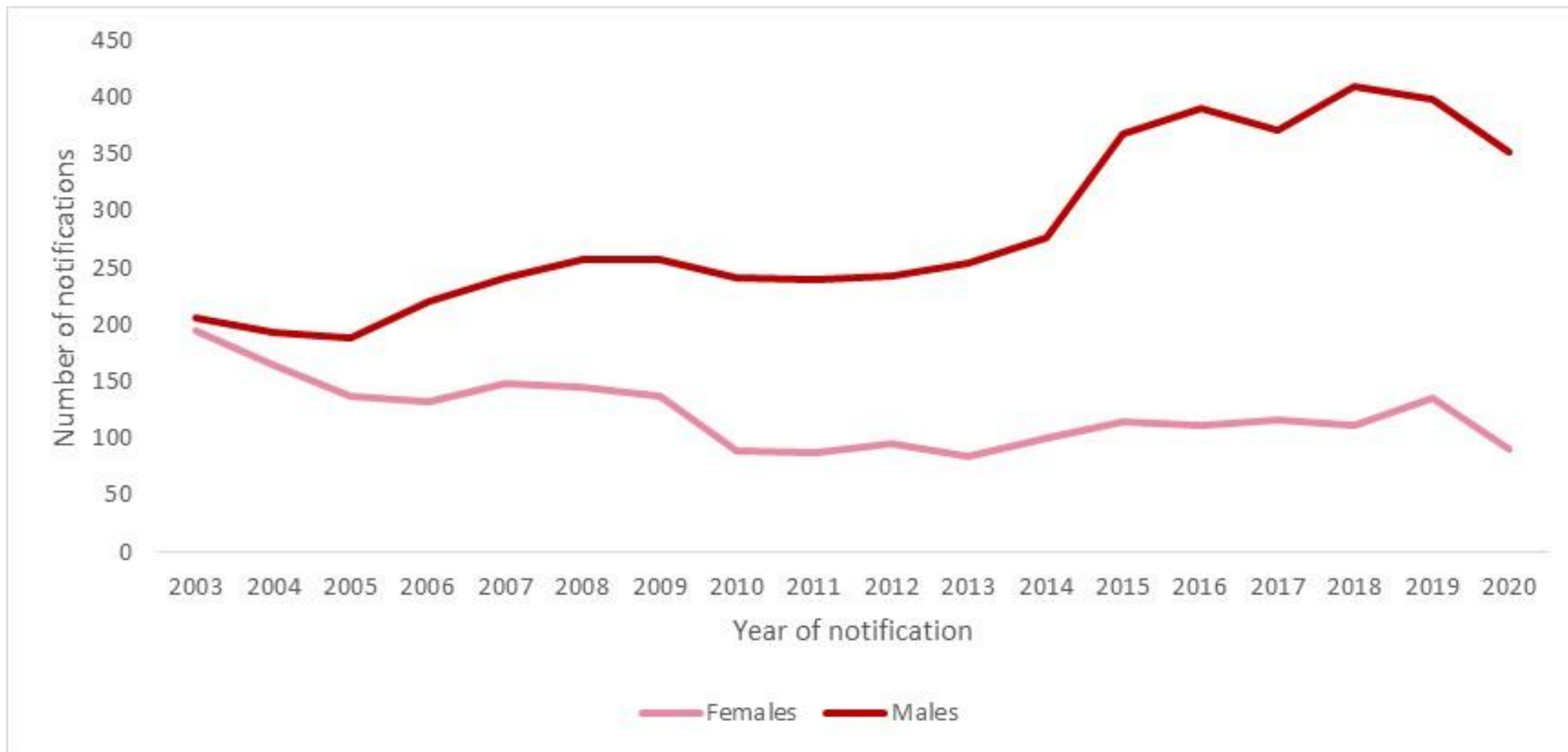
- 444 notifications in 2020 – rate of 9.3 per 100,000 population
 - 17% decrease compared to 2019
- 79% among males
- Median age of adult cases - 35 years (range 19-74 years)
 - 8% in young people (aged 15-24 years)
 - 12% in older people (aged 50+years)
 - Highest rates in 30-34 year olds (male) and 35-39 year olds (female)

HIV notifications and rates

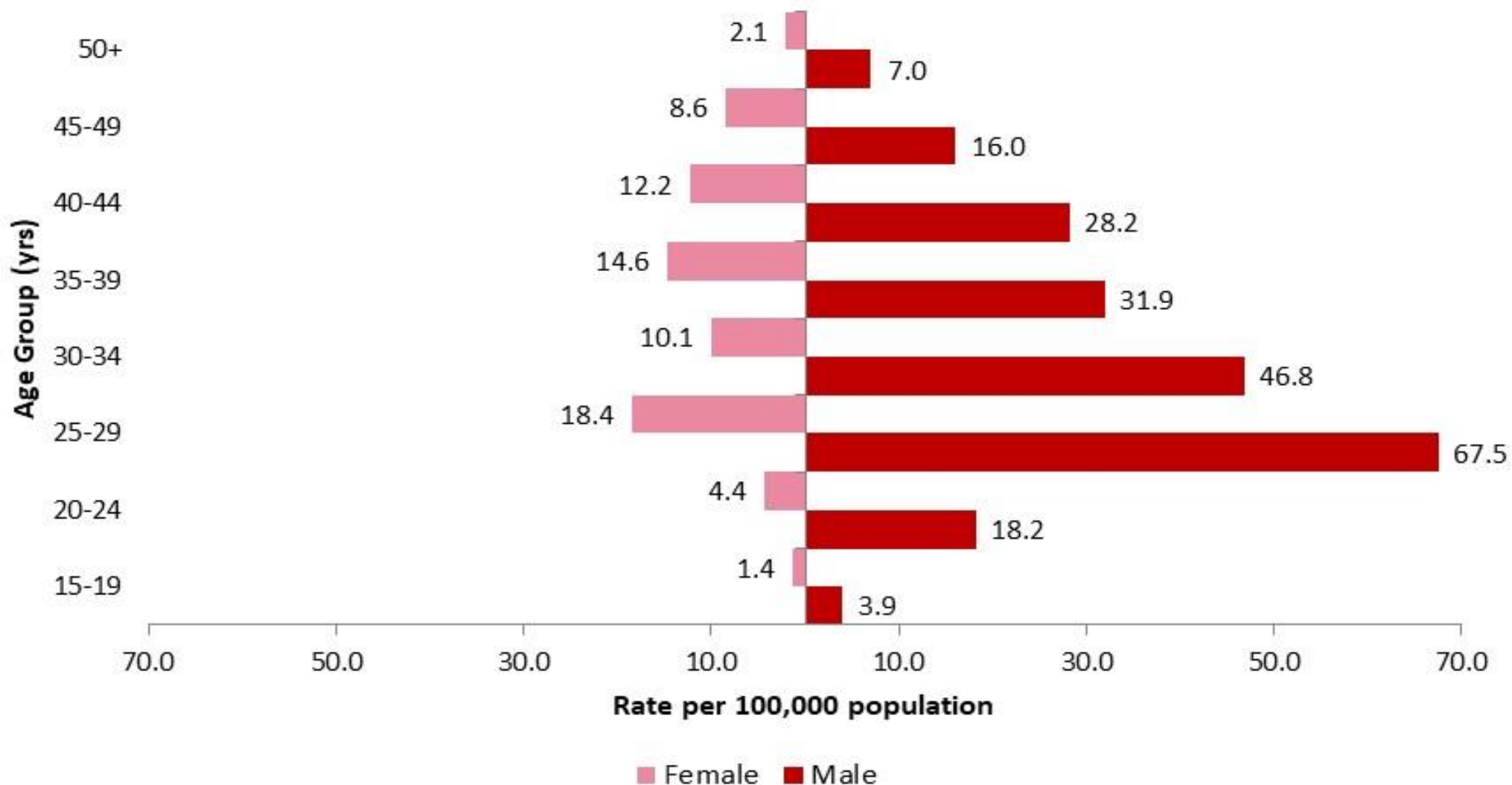


*Number of HIV notifications in 2020 impacted by COVID-19 pandemic

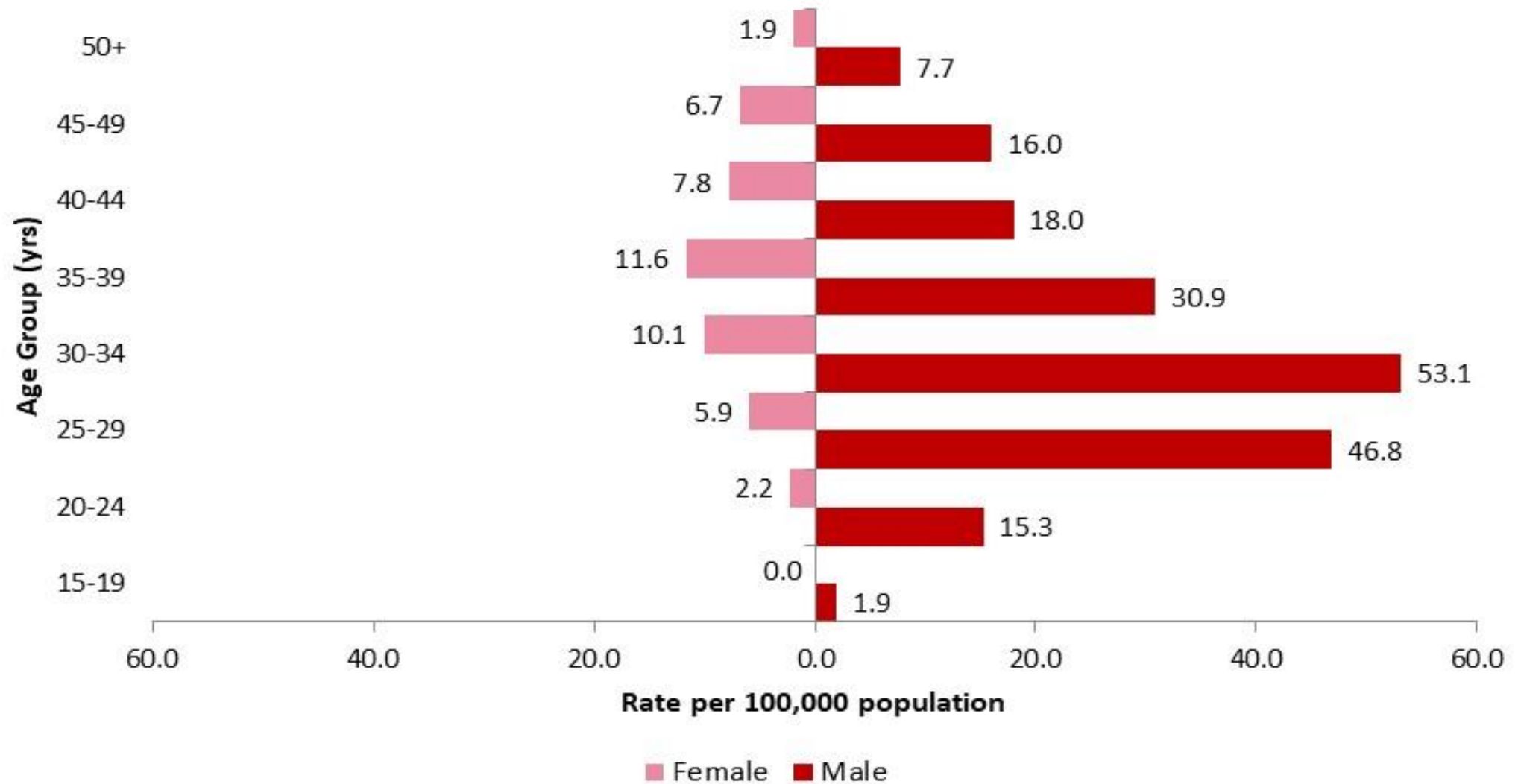
HIV notifications by sex



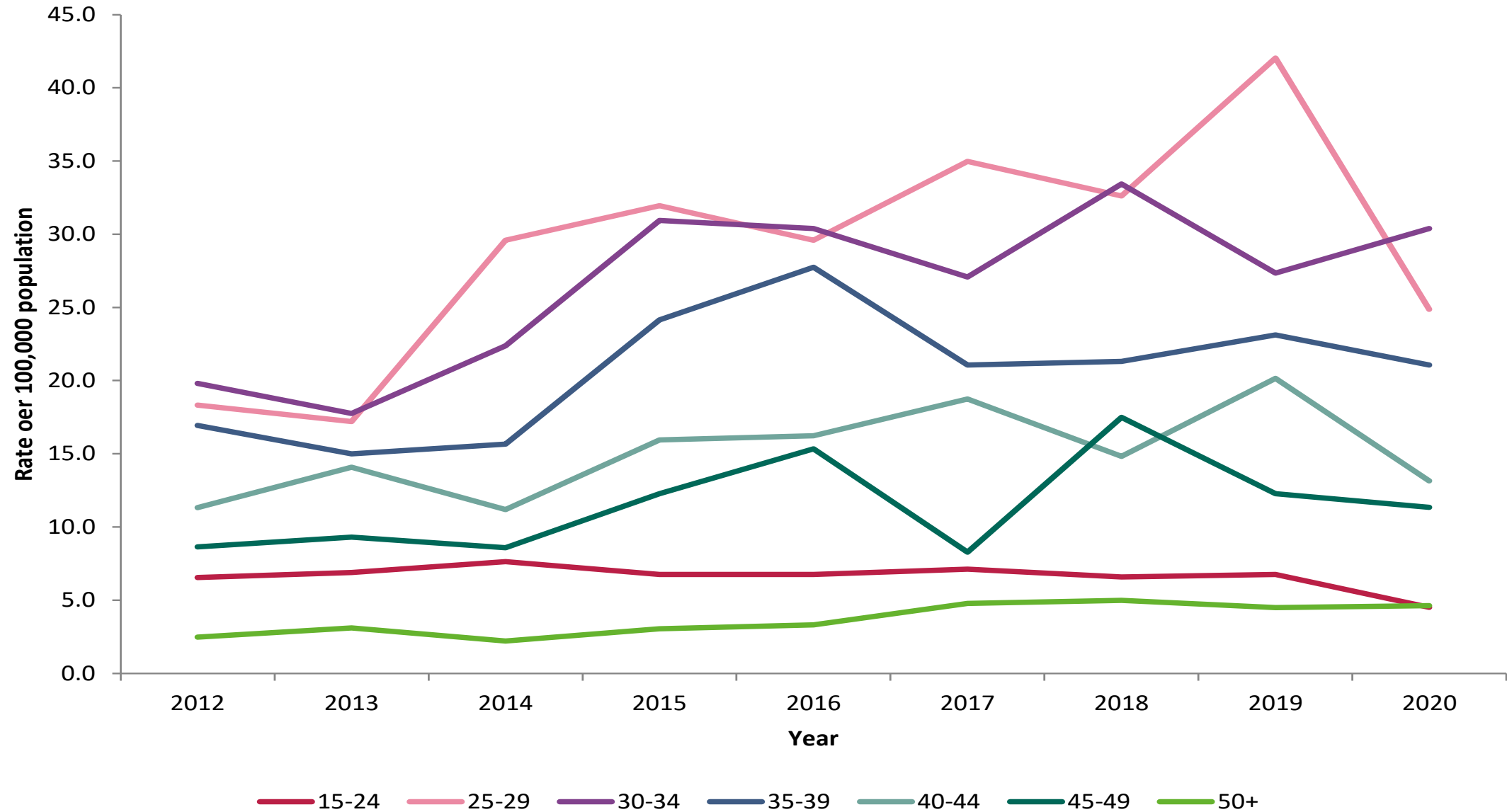
HIV notification rates by age and sex, 2019



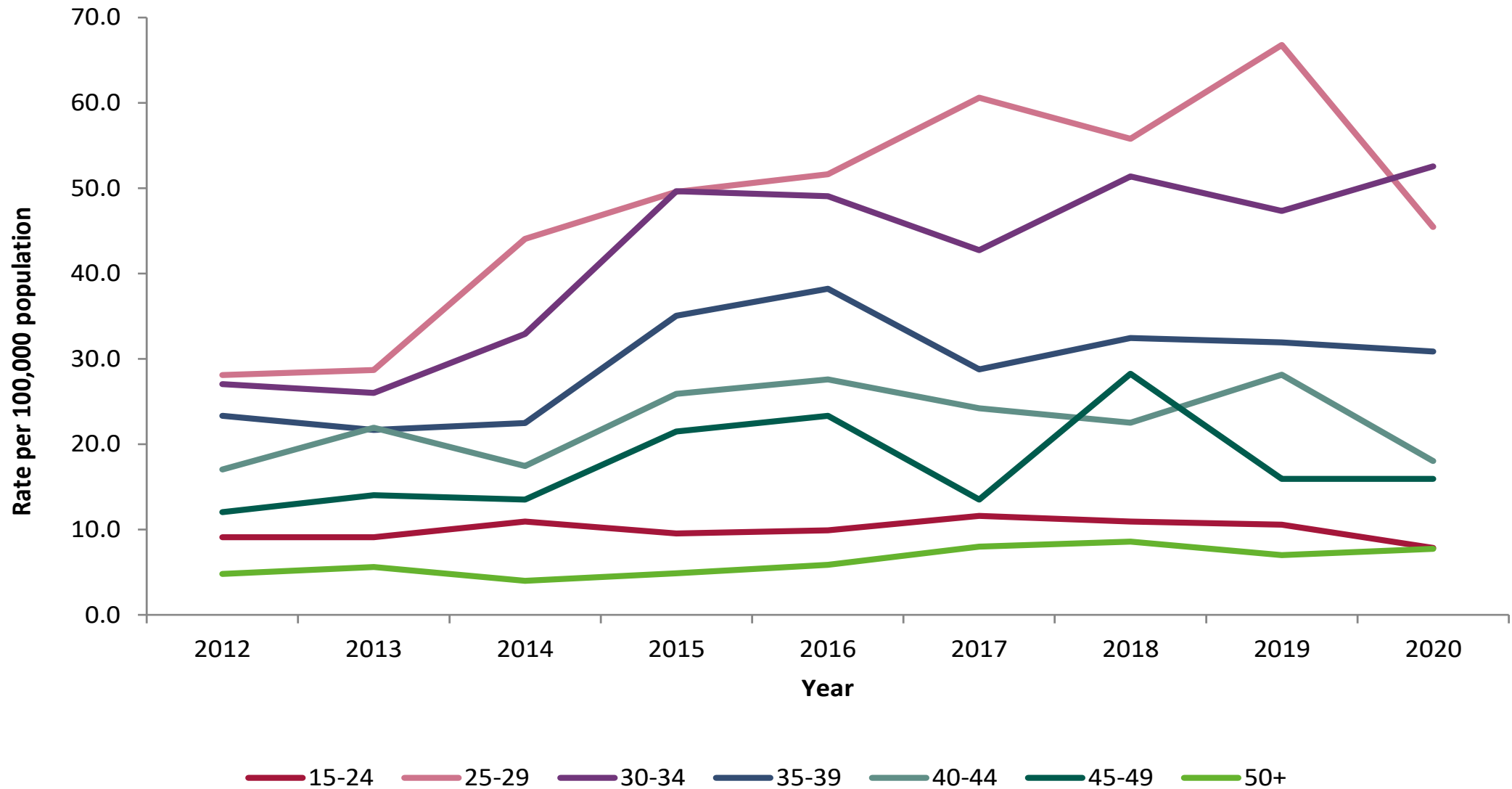
HIV notification rates, by age and sex, 2020



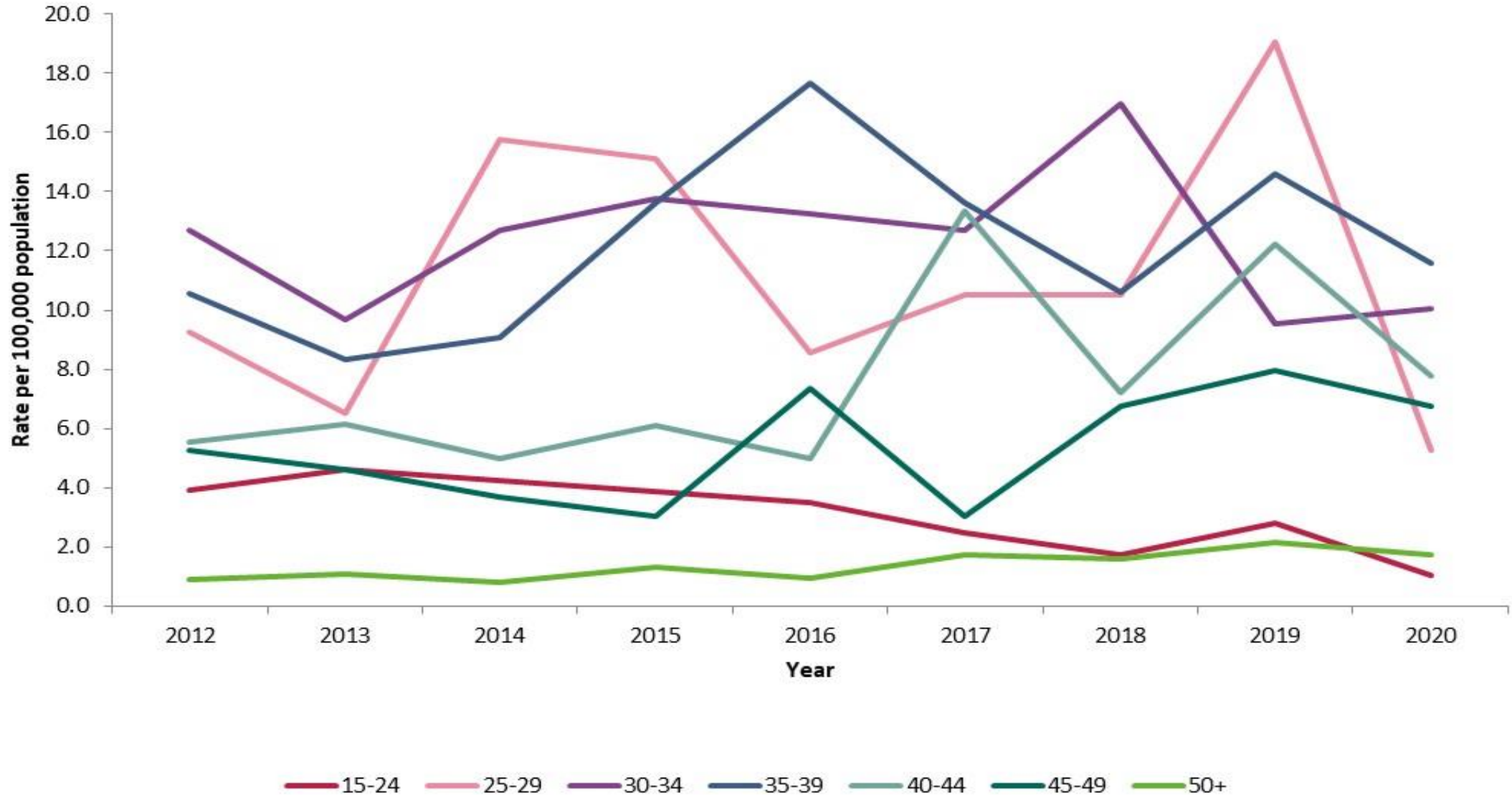
HIV notifications rates by age group



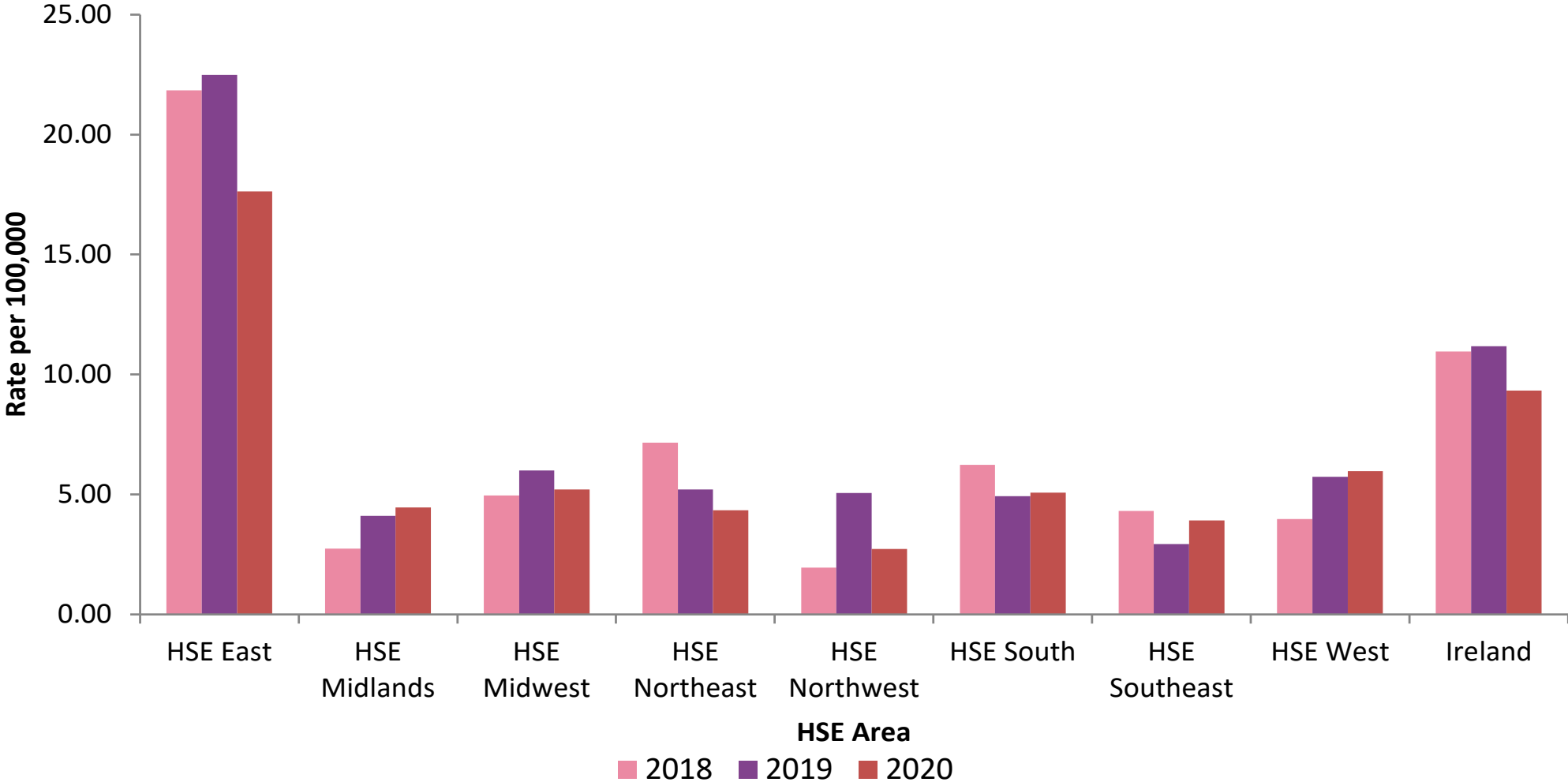
HIV notification rates by age group in males



HIV notification rates by age group in females

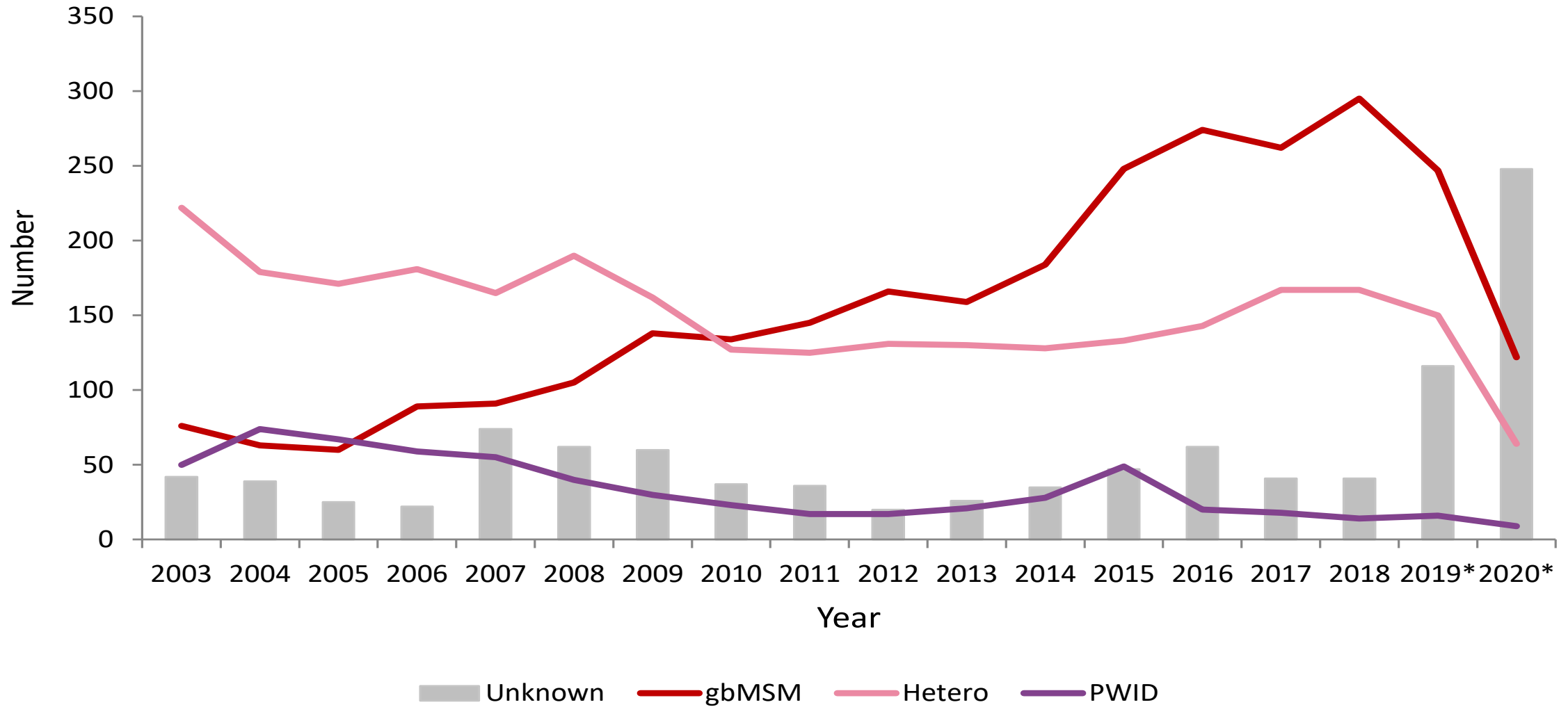


HIV diagnosis rates by HSE Area*



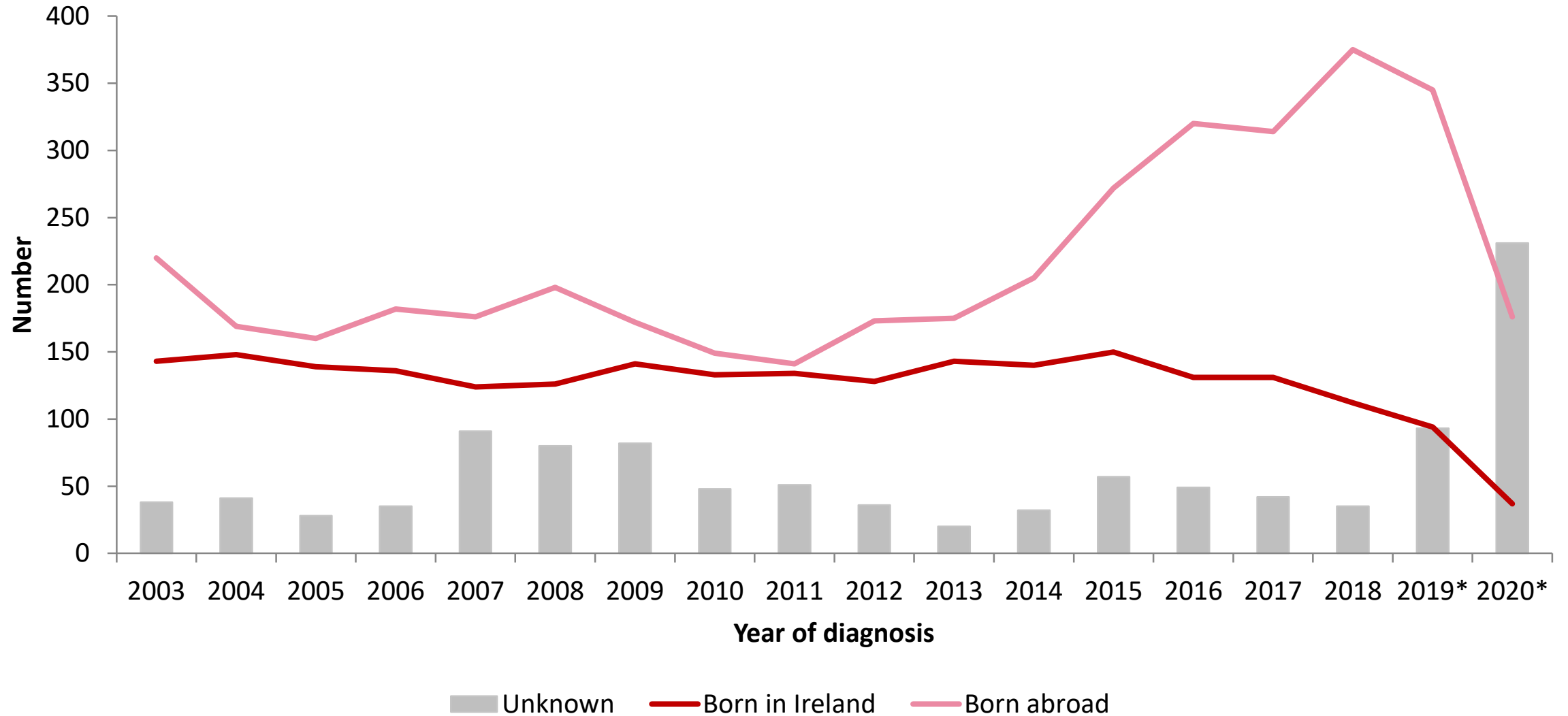
*Based on area of residence (where available), otherwise is based on area of clinician. See slide 22 for counties in each HSE area;

HIV notifications by probable route of transmission



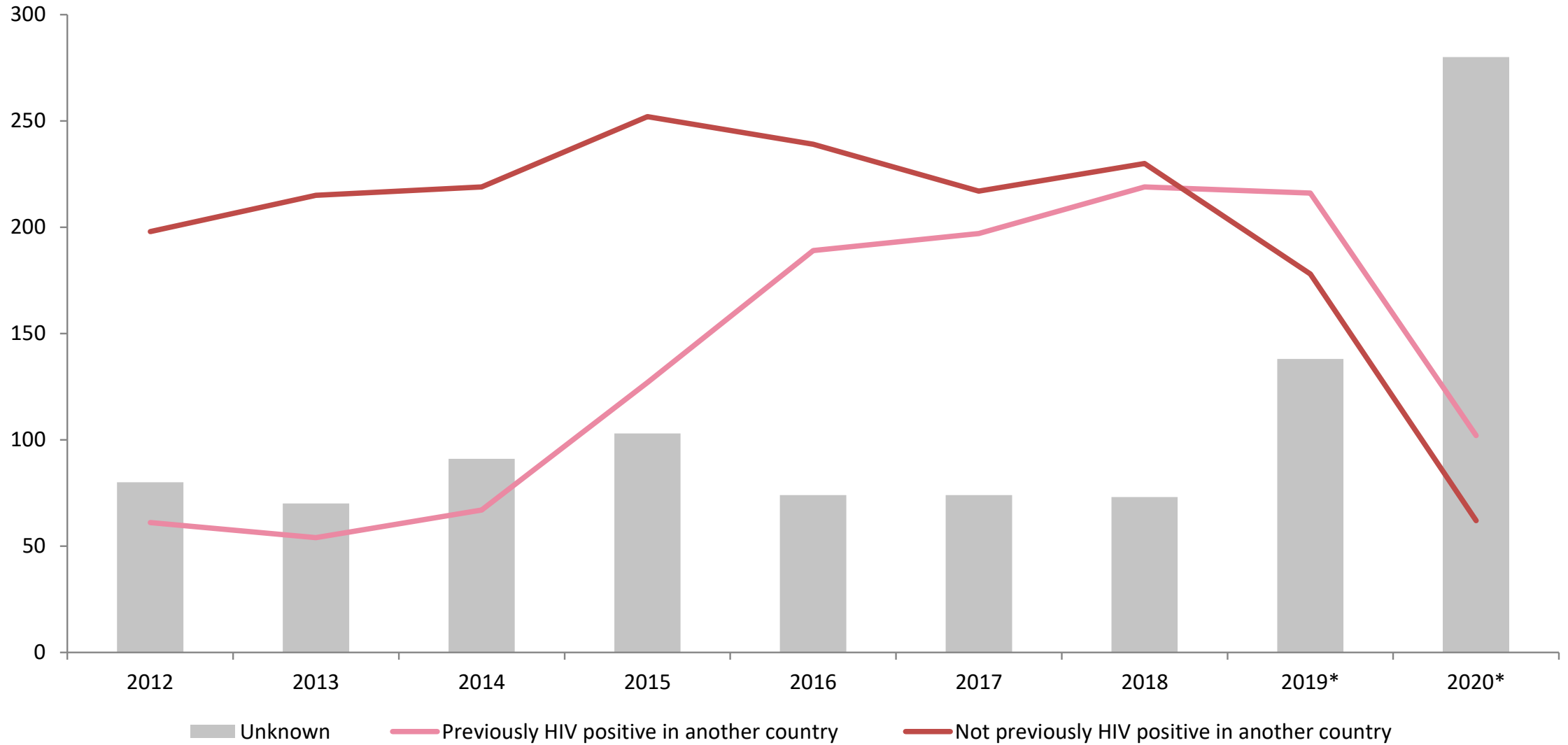
*2019 and 2020 enhanced data impacted by COVID-19 pandemic; gbMSM: gay, bisexual and men who have sex with men; PWID: people who inject drugs

HIV notifications by region of birth



*2019 and 2020 enhanced data impacted by COVID-19 pandemic

HIV notifications by history of previous positive



*2019 and 2020 enhanced data impacted by COVID-19 pandemic

Data tables

HIV notifications by sex and year

	Females	Males	Unknown	Total
2012	96	243	-	339
2013	84	255	-	339
2014	100	277	-	377
2015	114	368	-	482
2016	112	390	-	502
2017	116	372	-	488
2018	111	410	1	522
2019	136	396		532
2020	91	352	1	444

HIV notifications by age group and year

	0-14 years	15-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50+ years	Unknown	Total
2012	5	37	65	77	61	37	26	31	-	339
2013	3	39	61	69	54	46	28	39	-	339
2014	3	44	88	81	61	40	28	32	-	377
2015	1	39	95	112	94	57	40	44	-	482
2016	1	39	88	110	108	58	50	48	-	502
2017	0	41	104	98	82	67	27	69	-	488
2018	1	38	97	121	83	53	57	72	-	522
2019	2	39	125	99	90	72	40	65	-	532
2020	0	26	74	110	82	47	37	67	1	444

HIV notifications by HSE area and year



	HSE East	HSE Midlands	HSE Midwest	HSE Northeast	HSE Northwest	HSE South	HSE Southeast	HSE West	Total
2012	241	10	20	17	6	21	14	10	339
2013	234	10	21	14	5	33	12	10	339
2014	261	15	18	22	7	32	10	12	377
2015	358	13	19	22	7	34	14	15	482
2016	358	14	22	23	5	47	13	20	502
2017	339	24	18	23	5	44	16	19	488
2018	374	8	19	33	5	43	22	18	522
2019	385	12	23	24	13	34	15	26	532
2020	302	13	20	20	7	35	20	27	444

HIV notifications by probable route of transmission and year

	gbMSM	Heterosexual	PWID	Other/ Unknown	Total
2012	166	131	17	25	339
2013	159	130	21	29	339
2014	184	128	28	37	377
2015	248	133	49	52	482
2016	274	143	20	65	502
2017	262	167	18	41	488
2018	294	167	14	47	522
2019	247	150	16	119	532
2020	122	64	9	249	444

*2019 and 2020 enhanced data impacted by COVID-19 pandemic

Explanatory Notes



Non-identifiable HIV data were extracted from the Computerised Infectious Disease Reporting (CIDR) system on 19th November 2021, and were correct at the time of publication.

It is important to note that

- the HIV surveillance system captures new diagnoses of HIV infection and therefore does not measure incidence.
- persons newly diagnosed in Ireland may have been previously diagnosed with HIV in another country and are included in surveillance figures at first confirmatory test in Ireland.
- Data are analysed by date of notification on CIDR
- Sex is based on gender identity where provided, otherwise based on sex at birth

The counties covered by each HSE area are as follows: HSE East (HSE E): Dublin, Kildare & Wicklow; HSE Midlands (HSE M): Laois, Longford, Offaly & Westmeath; HSE Midwest (HSE MW): Clare, Limerick & Tipperary North; HSE Northeast (HSE NE): Cavan, Louth, Meath & Monaghan; HSE Northwest (HSE NW): Donegal, Leitrim & Sligo; HSE South (HSE S): Kerry & Cork; HSE Southeast (HSE SE): Carlow, Kilkenny, Tipperary South, Waterford & Wexford; HSE West (HSE W): Galway, Mayo & Roscommon.