

Centers for Disease Control and Prevention

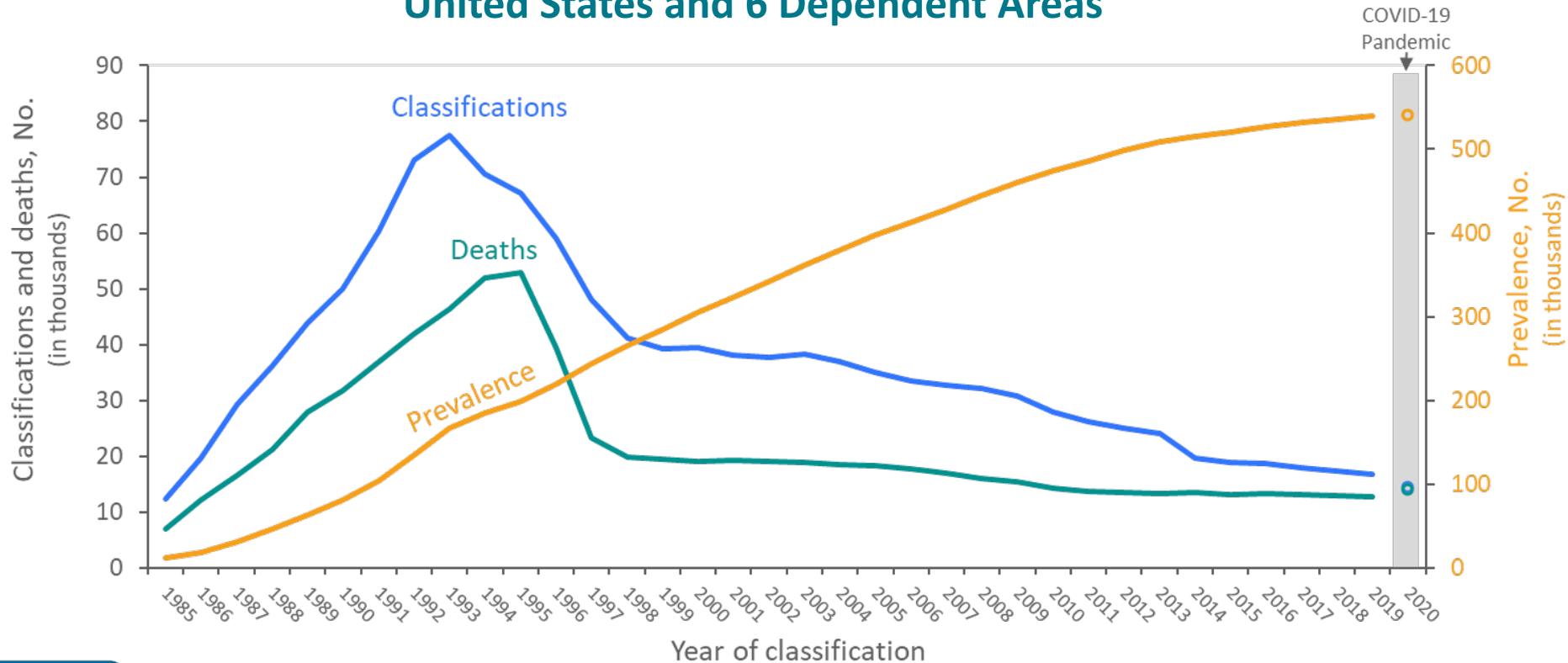
National Center for HIV, Viral Hepatitis, STD, and TB Prevention



# HIV Infection, Stage 3 (AIDS) 2020 (COVID-19 Pandemic)

# Stage 3 (AIDS) Classifications, Deaths, and Persons Living with Diagnosed HIV Infection Ever Classified as Stage 3 (AIDS), 1985–2020 (COVID-19 Pandemic)

## United States and 6 Dependent Areas

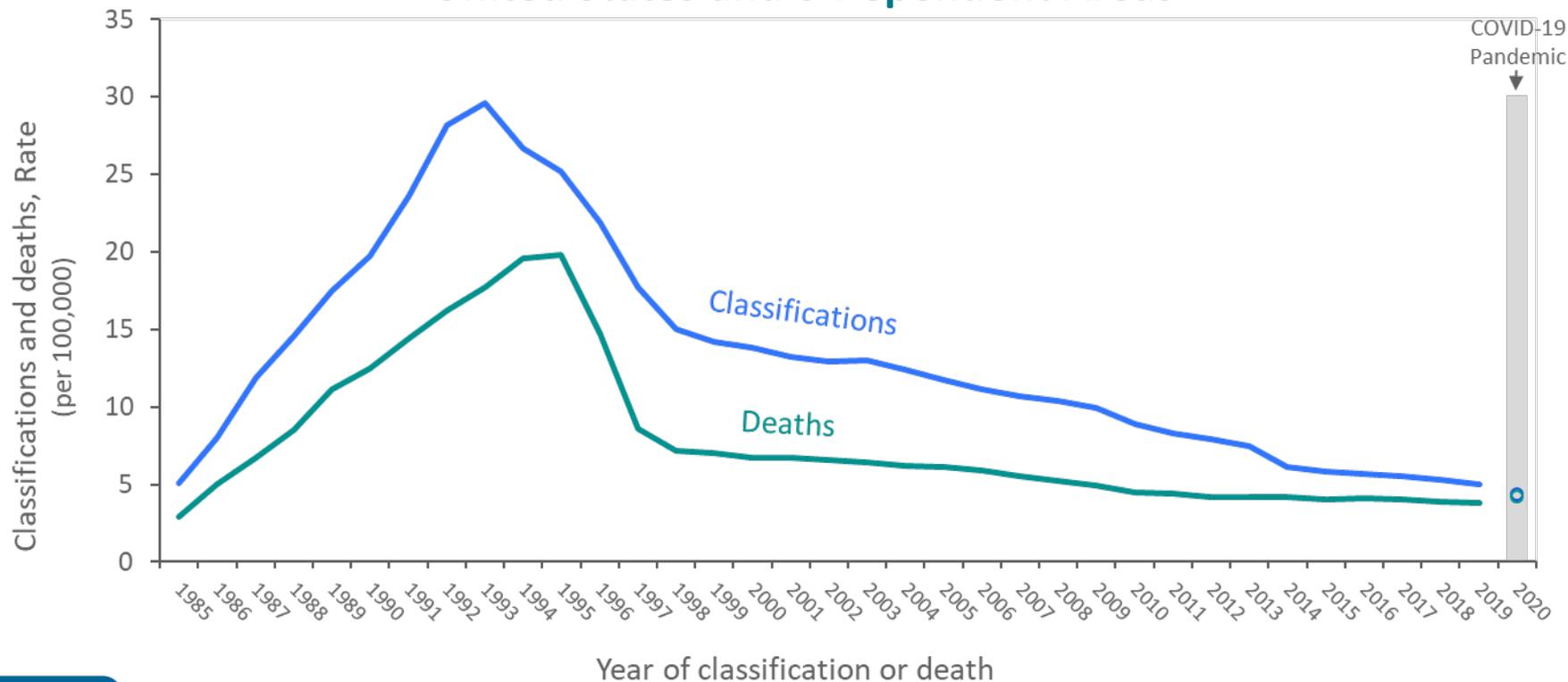


Note. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data include persons of all ages. Data for the year 2020 are preliminary and based on deaths reported to CDC as of December 2021. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.



# Rates of Stage 3 (AIDS) Classifications and Deaths of Persons with Diagnosed HIV Infection Ever Classified as Stage 3 (AIDS), 1985–2020 (COVID-19 Pandemic)

## United States and 6 Dependent Areas



*Note.* Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data include persons of all ages. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.



# Stage 3 (AIDS) Classifications and Deaths of Persons with Stage 3 (AIDS), by Age at Classification or Death, Cumulative as of Year-End 2020 — United States and 6 Dependent Areas

Age at Classification or Death	Classifications		Death	
	No.	%	No.	%
<13	10,047	0.8	5,202	0.7
13–14	1,567	0.1	308	0.0
15–19	10,265	0.8	1,397	0.2
20–24	59,076	4.5	10,977	1.4
25–29	156,914	11.9	51,040	6.5
30–34	242,528	18.4	108,894	14.0
35–39	259,101	19.6	136,997	17.6
40–44	217,598	16.5	131,760	16.9
45–49	153,050	11.6	107,764	13.8
50–54	96,402	7.3	82,631	10.6
55–59	56,255	4.3	59,320	7.6
60–64	30,910	2.3	39,318	5.0
≥65	26,651	2.0	44,971	5.8
<b>Total</b>	<b>1,320,364</b>	<b>100</b>	<b>780,579</b>	<b>100</b>

Note. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Cumulative data are from the beginning of the epidemic through 2020. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.



# Stage 3 (AIDS) Classifications and Deaths of Persons with Stage 3 (AIDS), by Race/Ethnicity, Cumulative as of Year-End 2020 — United States and 6 Dependent Areas

Race/ethnicity	Classifications		Deaths	
	No.	%	No.	%
American Indian/Alaska Native	3,595	0.3	2,134	0.3
Asian <sup>a</sup>	10,869	0.8	3,925	0.5
Black/African American	527,795	40.0	311,902	40.0
Hispanic/Latino <sup>b</sup>	279,848	21.2	144,537	18.5
Native Hawaiian/other Pacific Islander	859	0.1	433	0.1
White	447,525	33.9	297,177	38.1
Multiracial	49,794	3.8	20,427	2.6
<b>Total<sup>c</sup></b>	<b>1,320,364</b>	<b>100</b>	<b>780,579</b>	<b>100</b>

*Note.* Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Cumulative data are from the beginning of the epidemic through 2020. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases

<sup>b</sup> Hispanic/Latino persons can be of any race.

<sup>c</sup> Data include persons of all ages and persons whose race/ethnicity is unknown.



# Stage 3 (AIDS) Classifications and Deaths of Persons with Stage 3 (AIDS) among Males (Based on Sex Assigned at Birth) Aged ≥13 Years, by Transmission Category, Cumulative as of Year-End 2020—United States and 6 Dependent Areas

Transmission Category <sup>a</sup> (based on sex at birth)	Classifications		Deaths	
	No.	%	No.	%
Male-to-male sexual contact (MMSC)	633,607	61.1	354,624	56.5
Injection drug use (IDU) <sup>b</sup>	197,486	19.0	153,044	24.4
MMSC and IDU	96,143	9.3	61,960	9.9
Heterosexual contact <sup>c</sup>	97,511	9.4	48,370	7.7
Perinatal <sup>d</sup>	1,435	0.1	708	0.1
Other <sup>e</sup>	10,676	1.0	9,161	1.5
<b>Total<sup>f</sup></b>	<b>1,036,859</b>	<b>100</b>	<b>627,866</b>	<b>100</b>

*Note.* Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data have been statistically adjusted to account for missing transmission category. Cumulative data are from the beginning of the epidemic through 2020. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Transmission category is classified based on a hierarchy of the risk factors most likely responsible for HIV transmission; classification is determined based on the person's sex assigned at birth. Data have been statistically adjusted to account for missing transmission category, therefore values may not sum to column subtotals and total.

<sup>b</sup> Includes persons who injected nonprescription drugs or who injected prescription drugs for nonmedical purposes.

<sup>c</sup> Sexual contact with a person known to have, or with a risk factor for, HIV infection.

<sup>d</sup> Individuals were aged ≥13 years at time of stage 3 classification or death.

<sup>e</sup> Other risk factors including hemophilia, blood transfusion, and risk factor not reported or not identified.

<sup>f</sup> Because column totals for numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.



## Stage 3 (AIDS) Classifications and Deaths of Persons with Stage 3 (AIDS) among Females (Based on Sex Assigned at Birth) Aged ≥13 Years, by Transmission Category, Cumulative as of Year-End 2020 —United States and 6 Dependent Areas

Transmission Category <sup>a</sup> (based on sex at birth)	Classifications		Deaths	
	No.	%	No.	%
Injection drug use (IDU) <sup>b</sup>	95,962	35.1	66,793	45.3
Heterosexual contact <sup>c</sup>	170,962	62.5	76,011	51.5
Perinatal <sup>d</sup>	1,793	0.7	824	0.6
Other <sup>e</sup>	4,740	1.7	3,882	2.6
<b>Total<sup>f</sup></b>	<b>273,458</b>	<b>100</b>	<b>147,511</b>	<b>100</b>

*Note.* Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data have been statistically adjusted to account for missing transmission category. Cumulative data are from the beginning of the epidemic through 2020. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Transmission category is classified based on a hierarchy of the risk factors most likely responsible for HIV transmission; classification is determined based on the person's sex assigned at birth. Data have been statistically adjusted to account for missing transmission category, therefore values may not sum to column subtotals and total.

<sup>b</sup> Includes persons who injected nonprescription drugs or who injected prescription drugs for nonmedical purposes.

<sup>c</sup> Sexual contact with a person known to have, or with a risk factor for, HIV infection.

<sup>d</sup> Individuals were aged ≥13 years at time of stage 3 classification or death.

<sup>e</sup> Other risk factors including hemophilia, blood transfusion, and risk factor not reported or not identified.

<sup>f</sup> Because column totals for numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.



## Stage 3 (AIDS) Classifications and Deaths of Persons with Stage 3 (AIDS), by Region of Residence, Cumulative as of Year-End 2020 — United States and 6 Dependent Areas

Region of Residence	Classifications		Deaths	
	No.	%	No.	%
Northeast	359,555	27.2	225,812	28.9
Midwest	139,349	10.6	81,408	10.4
South	531,475	40.3	302,904	38.8
West	253,351	19.2	143,218	18.3
U.S. dependent areas	36,634	2.8	27,237	3.5
<b>Total</b>	<b>1,320,364</b>	<b>100</b>	<b>780,579</b>	<b>100</b>

*Note.* Data are based on residence at time of stage 3 (AIDS) classification or death. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data include persons of all ages. Cumulative data are from the beginning of the epidemic through 2020. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) —United States and Puerto Rico (Slide 1 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Akron, OH	26	3.7	60	1,054	1	1,055	484	69.0
Albany-Schenectady-Troy, NY	22	2.5	81	2,714	26	2,740	1,265	144.0
Albuquerque, NM	16	1.7	99	1,924	4	1,928	1,020	110.4
Allentown-Bethlehem-Easton, PA-NJ	24	2.8	74	1,843	19	1,862	935	110.5
Atlanta-Sandy Springs-Alpharetta, GA	695	11.4	1	36,784	156	36,940	19,297	317.0
Augusta-Richmond County, GA-SC	36	5.9	24	2,886	26	2,912	1,332	216.8
Austin-Round Rock-Georgetown, TX	84	3.7	61	6,757	26	6,783	3,184	138.7
Bakersfield, CA	69	7.7	11	2,327	9	2,336	963	106.8
Baltimore-Columbia-Towson, MD	182	6.5	18	26,690	228	26,918	8,323	297.2
Baton Rouge, LA	90	10.5	4	6,184	27	6,211	2,795	325.5
Birmingham-Hoover, AL	60	5.5	29	3,796	25	3,821	1,810	165.8
Boise City, ID	9	1.2	—	484	0	484	73	9.5
Boston-Cambridge-Newton, MA-NH	126	2.6	80	17,745	167	17,912	7,457	152.9
Boston, MA	74	3.6	—	10,934	98	11,032	4,362	214.4
Cambridge-Newton-Framingham, MA	49	2.0	—	6,415	68	6,483	2,973	123.8

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification.    <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) — United States and Puerto Rico (Slide 2 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Bridgeport-Stamford-Norwalk, CT	26	2.8	76	4,359	57	4,416	1,561	165.6
Buffalo-Cheektowaga, NY	25	2.2	87	3,126	20	3,146	1,301	115.6
Cape Coral-Fort Myers, FL	30	3.8	55	2,440	26	2,466	1,233	155.9
Charleston-North Charleston, SC	35	4.3	50	2,963	24	2,987	1,334	162.7
Charlotte-Concord-Gastonia, NC-SC	135	5.0	35	6,699	31	6,730	3,937	146.7
Chattanooga, TN-GA	20	3.5	63	1,429	3	1,432	648	113.7
Chicago-Naperville-Elgin, IL-IN-WI	410	4.4	48	40,413	265	40,678	14,502	154.2
Chicago-Naperville-Evanston, IL	366	5.2	—	36,909	241	37,150	13,147	185.9
Elgin, IL	6	0.8	—	871	10	881	233	30.4
Gary, IN	16	2.3	—	1,519	9	1,528	608	86.1
Lake County-Kenosha County, IL-WI	22	2.5	—	1,114	5	1,119	514	59.5
Cincinnati, OH-KY-IN	99	4.4	45	4,372	22	4,394	2,192	98.2
Cleveland-Elyria, OH	97	4.7	41	5,821	49	5,870	2,686	131.4
Colorado Springs, CO	17	2.3	85	807	5	812	429	56.9
Columbia, SC	67	7.9	8	4,906	25	4,931	2,268	267.6
Columbus, OH	105	4.9	38	5,298	26	5,324	2,673	125.0

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) — United States and Puerto Rico (Slide 3 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Dallas-Fort Worth-Arlington, TX	518	6.7	17	29,897	67	29,964	14,374	186.8
Dallas-Plano-Irving, TX	399	7.7	—	23,616	40	23,656	11,183	216.2
Fort Worth-Arlington, TX	119	4.7	—	6,281	27	6,308	3,191	126.5
Dayton-Kettering, OH	24	3.0	71	1,784	16	1,800	867	107.1
Deltona-Daytona Beach-Ormond Beach, FL	30	4.4	46	2,271	18	2,289	1,167	171.6
Denver-Aurora-Lakewood, CO	101	3.4	65	9,063	25	9,088	3,919	131.0
Des Moines-West Des Moines, IA	16	2.3	83	860	4	864	485	68.5
Detroit-Warren-Dearborn, MI	161	3.7	58	14,446	80	14,526	5,220	121.3
Detroit-Dearborn-Livonia, MI	102	5.9	—	11,161	63	11,224	3,456	198.5
Warren-Troy-Farmington Hills, MI	59	2.3	—	3,285	17	3,302	1,764	68.8
Durham-Chapel Hill, NC	41	6.3	20	1,996	13	2,009	1,083	166.0
El Paso, TX	37	4.4	47	2,311	11	2,322	1,195	141.2
Fayetteville, NC	49	9.3	7	1,609	8	1,617	864	163.2
Fayetteville-Springdale-Rogers, AR	6	1.1	—	519	5	524	306	55.8
Fresno, CA	58	5.8	26	2,385	11	2,396	1,103	110.2
Grand Rapids-Wyoming, MI	17	1.6	100	1,310	7	1,317	652	60.3

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) — United States and Puerto Rico (Slide 4 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Greensboro-High Point, NC	39	5.0	36	1,952	20	1,972	1,059	136.4
Greenville-Anderson, SC	48	5.1	33	2,290	7	2,297	1,187	127.3
Harrisburg-Carlisle, PA	18	3.1	69	1,726	9	1,735	779	133.9
Hartford-East Hartford-Middletown, CT	35	2.9	72	6,006	46	6,052	2,086	173.6
Honolulu (Urban), HI	17	1.8	98	2,455	14	2,469	839	87.0
Houston-The Woodlands-Sugar Land, TX	515	7.2	14	37,354	183	37,537	15,784	220.6
Indianapolis-Carmel-Anderson, IN	107	5.1	34	5,845	28	5,873	2,775	132.7
Jackson, MS	57	9.7	5	4,007	33	4,040	1,563	265.3
Jacksonville, FL	123	7.7	10	8,893	78	8,971	3,950	248.8
Kansas City, MO-KS	71	3.3	67	6,309	17	6,326	2,562	117.9
Knoxville, TN	18	2.0	91	1,403	8	1,411	628	71.5
Lakeland-Winter Haven, FL	42	5.6	27	2,754	23	2,777	1,488	199.9
Lancaster, PA	10	1.8	—	948	23	971	424	77.6
Lansing-East Lansing, MI	9	1.6	—	666	9	675	318	58.0
Las Vegas-Henderson-Paradise, NV	139	6.0	22	7,243	30	7,273	4,274	184.5
Lexington-Fayette, KY	14	2.7	78	1,090	1	1,091	596	114.5

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) — United States and Puerto Rico (Slide 5 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Little Rock-North Little Rock-Conway, AR	55	7.4	12	2,129	15	2,144	1,059	141.8
Los Angeles-Long Beach-Anaheim, CA	761	5.8	25	74,959	305	75,264	28,733	219.2
Anaheim-Santa Ana-Irvine, CA	111	3.5	—	8,899	46	8,945	3,468	109.5
Los Angeles-Long Beach-Glendale, CA	650	6.5	—	66,060	259	66,319	25,265	254.1
Louisville/Jefferson County, KY-IN	58	4.6	43	3,549	30	3,579	1,738	137.0
Madison, WI	5	0.7	—	718	5	723	369	55.0
McAllen-Edinburg-Mission, TX	27	3.1	70	1,261	13	1,274	804	91.9
Memphis, TN-MS-AR	144	10.7	3	8,026	25	8,051	3,399	252.0
Miami-Fort Lauderdale-Pompano Beach, FL	672	10.9	2	72,543	1,013	73,556	27,418	444.2
Ft Lauderdale-Pompano Beach-Sunrise, FL	253	12.9	—	22,307	266	22,573	10,198	520.8
Miami-Miami Beach-Kendall, FL	317	11.7	—	37,906	515	38,421	12,643	467.0
West Palm Beach-Boca Raton-Boynton Beach, FL	102	6.8	—	12,330	232	12,562	4,577	303.6
Milwaukee-Waukesha, WI	53	3.4	66	3,515	19	3,534	1,603	101.6
Minneapolis-St. Paul-Bloomington, MN-WI	90	2.5	82	6,352	23	6,375	3,349	91.6
Modesto, CA	15	2.7	77	969	6	975	475	86.4
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	25	4.9	39	1,092	3	1,095	630	122.5

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification.      <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) — United States and Puerto Rico (Slide 6 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Nashville-Davidson-Murfreesboro-Franklin, TN	85	4.3	49	5,502	28	5,530	2,584	131.8
New Haven-Milford, CT	27	3.2	68	5,235	75	5,310	2,043	239.8
New Orleans-Metairie, LA	120	9.4	6	11,855	79	11,934	4,181	328.6
New York-Newark-Jersey City, NY-NJ-PA	1,227	6.4	19	228,202	2,969	231,171	74,399	389.0
Nassau County-Suffolk County, NY	75	2.7	—	9,731	118	9,849	3,308	117.1
Newark, NJ-PA	160	7.4	—	24,246	353	24,599	6,338	292.4
New Brunswick-Lakewood, NJ	44	1.8	—	8,156	134	8,290	2,683	112.5
New York-Jersey City-White Plains, NY-NJ	948	8.1	—	186,069	2,364	188,433	62,070	528.4
North Port-Sarasota-Bradenton, FL	42	4.9	37	2,609	29	2,638	1,163	136.1
Ogden-Clearfield, UT	2	0.3	—	356	4	360	210	30.4
Oklahoma City, OK	78	5.5	30	3,351	4	3,355	1,380	96.8
Omaha-Council Bluffs, NE-IA	13	1.4	101	1,508	6	1,514	239	25.0
Orlando-Kissimmee-Sanford, FL	207	7.8	9	12,950	96	13,046	6,331	239.9
Oxnard-Thousand Oaks-Ventura, CA	29	3.4	64	1,337	5	1,342	553	65.7
Palm Bay-Melbourne-Titusville, FL	33	5.4	31	1,970	12	1,982	939	154.3
Pensacola-Ferry Pass-Brent, FL	32	6.3	21	2,090	13	2,103	840	164.2

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) — United States and Puerto Rico (Slide 7 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	291	4.8	40	36,300	318	36,618	13,886	227.3
Camden, NJ	29	2.3	—	3,989	44	4,033	1,405	112.7
Montgomery County-Bucks County-Chester County, PA	39	2.0	—	3,094	11	3,105	1,280	64.4
Philadelphia, PA	182	8.5	—	25,367	237	25,604	9,775	455.7
Wilmington, DE-MD-NJ	41	5.6	—	3,850	26	3,876	1,426	196.0
Phoenix-Mesa-Scottsdale, AZ	206	4.1	53	11,027	36	11,063	5,774	114.1
Pittsburgh, PA	43	1.9	94	4,287	22	4,309	1,941	84.1
Portland-South Portland, ME	11	2.0	—	783	2	785	436	80.3
Portland-Vancouver-Hillsboro, OR-WA	45	1.8	95	6,258	9	6,267	2,949	117.5
Poughkeepsie-Newburgh-Middletown, NY	12	1.8	97	3,353	26	3,379	1,082	159.5
Providence-Warwick, RI-MA	29	1.8	96	4,963	44	5,007	1,349	83.1
Provo-Orem, UT	4	0.6	—	173	3	176	112	16.9
Raleigh-Cary, NC	63	4.4	44	3,343	20	3,363	1,858	130.8
Richmond, VA	89	6.8	16	4,849	35	4,884	2,122	162.8

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) — United States and Puerto Rico (Slide 8 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Riverside-San Bernardino-Ontario, CA	180	3.8	54	11,849	64	11,913	7,855	167.9
Rochester, NY	20	1.9	92	3,768	16	3,784	1,552	145.4
Sacramento-Roseville-Folsom, CA	85	3.6	62	5,458	31	5,489	2,719	114.5
St. Louis, MO-IL	106	3.8	56	8,230	44	8,274	3,450	123.0
Salt Lake City, UT	27	2.2	88	2,138	9	2,147	1,003	80.9
San Antonio-New Braunfels, TX	122	4.7	42	7,566	32	7,598	3,610	139.3
San Diego-Chula Vista-Carlsbad, CA	125	3.8	57	16,243	73	16,316	6,924	207.8
San Francisco-Oakland-Berkeley, CA	194	4.1	52	46,838	105	46,943	12,534	266.9
Oakland-Berkeley-Livermore, CA	84	3.0	—	12,418	54	12,472	4,738	168.3
San Francisco-San Mateo-Redwood City, CA	104	6.4	—	32,702	46	32,748	7,344	452.0
San Jose-Sunnyvale-Santa Clara, CA	44	2.2	86	5,031	17	5,048	1,868	94.8
San Juan-Carolina-Caguas, PR	107	5.3	32	25,325	282	25,607	4,723	235.8
Scranton-Wilkes-Barre, PA	12	2.2	89	769	6	775	478	86.5
Seattle-Tacoma-Bellevue, WA	115	2.9	73	11,685	27	11,712	4,869	121.2
Seattle-Bellevue-Kent, WA	90	2.9	—	10,264	18	10,282	4,088	131.7
Tacoma-Lakewood, WA	25	2.7	—	1,421	9	1,430	781	85.5

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) —United States and Puerto Rico (Slide 9 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years	Children aged <13 years	Total	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
				No.	No.	No.		
Spokane-Spokane Valley, WA	7	1.2	—	705	1	706	373	64.9
Springfield, MA	26	3.7	59	2,753	29	2,782	1,226	176.2
Stockton, CA	32	4.2	51	1,609	15	1,624	725	94.4
Syracuse, NY	11	1.7	—	1,667	10	1,677	720	111.4
Tampa-St. Petersburg-Clearwater, FL	235	7.2	13	15,724	117	15,841	7,222	222.6
Toledo, OH	12	1.9	93	1,189	14	1,203	550	85.7
Tucson, AZ	30	2.8	75	2,637	13	2,650	1,346	126.8
Tulsa, OK	21	2.1	90	2,121	13	2,134	928	92.2
Virginia Beach-Norfolk-Newport News, VA-NC	127	7.1	15	6,885	66	6,951	2,839	159.5
Washington-Arlington-Alexandria, DC-VA-MD-WV	377	6.0	23	42,864	335	43,199	17,788	281.2
Frederick-Gaithersburg-Rockville, MD	57	4.3	—	4,502	24	4,526	2,168	164.6
Washington-Arlington-Alexandria, DC-VA-MD-WV	320	6.4	—	38,362	311	38,673	15,620	311.9

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages



## Stage 3 (AIDS), 2020 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2020 by metropolitan statistical area of residence (COVID-19 Pandemic) —United States and Puerto Rico (Slide 10 of 10)

MSA of residence	Classification, 2020 (COVID-19 Pandemic) <sup>a</sup>			Classification, cumulative <sup>a,b</sup>			Prevalence of stage 3 (AIDS) year-end 2020 (COVID-19 Pandemic) <sup>c</sup>	
	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>	Rank (based on rate) <sup>d</sup>	Persons aged ≥13 years No.	Children aged <13 years No.	Total No.	No. <sup>d</sup>	Rate (per 100,000) <sup>d</sup>
Wichita, KS	10	1.6	—	1,093	2	1,095	501	77.8
Winston-Salem, NC	38	5.6	28	1,603	11	1,614	899	132.3
Worcester, MA-CT	25	2.6	79	2,656	22	2,678	1,271	134.4
Youngstown-Warren-Boardman, OH-PA	12	2.3	84	816	1	817	396	74.5
<b>Subtotal for MSAs (population≥500,000)</b>	<b>11,518</b>	<b>5.0</b>	<b>—</b>	<b>1,109,849</b>	<b>8,708</b>	<b>1,118,557</b>	<b>439,566</b>	<b>192.1</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>1,834</b>	<b>3.1</b>	<b>—</b>	<b>126,467</b>	<b>846</b>	<b>127,313</b>	<b>54,974</b>	<b>94.2</b>
<b>Nonmetropolitan areas</b>	<b>1,048</b>	<b>2.3</b>	<b>—</b>	<b>68,439</b>	<b>432</b>	<b>68,871</b>	<b>30,450</b>	<b>66.9</b>
<b>Total<sup>e</sup></b>	<b>14,444</b>	<b>4.3</b>	<b>—</b>	<b>1,309,373</b>	<b>10,024</b>	<b>1,319,397</b>	<b>540,043</b>	<b>162.3</b>

Note. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions.

<sup>a</sup> Data are based on residence at time of classification. <sup>b</sup> From the beginning of the epidemic through 2020.

<sup>c</sup> Data are based on address of residence at the end of the specified year (i.e., most recent known address).

<sup>d</sup> Data include persons of all ages.

<sup>e</sup> Includes persons whose county of residence is unknown.

