

PaTH Network Demographics

With nine healthcare systems treating over 11 million patients, PaTH gives researchers the opportunity to work with and learn from larger and more diverse populations than would be available in any single system.

The below table represents a patient population that has been active since 1/1/2019. To provide an accurate picture of PaTH’s active patient population, the counts shown are limited to patients who have received at least one diagnosis since January 1st, 2016. PaTH also offers researchers a great deal of historical patient data to work with, and while each site’s CDM has a different start date, all have data stretching back to at least 2016, representing over 15 million patients.

Total PaTH Network Population	
N = 11,728,252	
Age	
17 years or younger	2,008,529(17.13%)
18-44	4,065,266(34.66%)
45-64	2,904,023(24.76%)
65 years or older	2,750,434(23.45%)
Race	
American Indian or Alaska Native	28363(0.24%)
Asian	349675(2.98%)
Black or African American	1729939(14.75%)
Native Hawaiian or Other Pacific Islander	17932(0.15%)
White	7708491(65.73%)
Unknown/Other	1893880(16.15%)
Hispanic/Non-Hispanic	
Hispanic	876224(7.47%)
Non-Hispanic	9525756(81.22%)
Unknown/Other	1326300(11.31%)
Sex	
Female	6420171(54.74%)
Male	5305050(45.23%)
Unknown/Other	3059(0.03%)

Racial breakdown of the PaTH Network

	University of Pittsburgh	Johns Hopkins University	Geisinger Health System	University of Michigan	Ohio State University	Temple University	Penn State University	RUSH	BMC
American Indian or Alaska Native	7382(0.25%)	5613(0.28%)	3122(0.19%)	4621(0.43%)	1304(0.14%)	561(0.08%)	1148(0.14%)	2861(0.28%)	1751(0.31%)
Asian	58667(2.01%)	59736(2.98%)	21523(1.31%)	55990(5.15%)	39843(4.14%)	23757(3.28%)	20847(2.54%)	43122(4.26%)	26190(4.67%)
Black or African American	247472(8.50%)	490602(24.44%)	83194(5.07%)	100979(9.29%)	140579(14.62%)	237821(32.83%)	46680(5.68%)	223393(22.07%)	159219(28.38%)
Native Hawaiian or Other Pacific Islander	1808(0.06%)	622(0.031%)	9369(0.57%)	901(0.08%)	375(0.04%)	13(0.00%)	608(0.07%)	1283(0.13%)	2953(0.53%)
White	2420172(83.12%)	1099641(54.78%)	1277807(77.83%)	795479(73.21%)	680043(70.72%)	250650(34.60%)	535065(65.14%)	484358(47.85%)	165276(29.45%)
Unknown or Other	176036(6.05%)	351072(17.49%)	246879(15.04%)	128618(11.84%)	99510(10.35%)	211628(29.21%)	217099(26.43%)	257307(25.42%)	205731(36.66%)

Rural-Urban Commuting Area (RUCA) breakdown

RUCA information is particularly useful for researchers interested in population density and urbanization as social determinants of health. The codes classify U.S. census tracts using measures of population density, urbanization, and daily commuting.

RUCA	
Metropolitan	8522100(72.66%)
Micropolitan	1023381(8.73%)
Small Town	285406(2.43%)
Unknown	80743(0.69%)
Rural	243206(2.07%)

University of Pittsburgh	
N = 2911524	
Age	
17 years or younger	585071(20.10%)
18-44	941143(32.32%)
45-64	674550(23.17%)
65 years or older	710760(24.41%)
Race	
American Indian or Alaska Native	7382(0.25%)
Asian	58667(2.01%)
Black or African American	247472(8.50%)
Native Hawaiian or Other Pacific Islander	1808(0.06%)
White	2420172(83.12%)
Unknown/Other	176036(6.05%)
Hispanic Ethnicity	
Hispanic	41191(1.41%)
Non-Hispanic	2598750(89.26%)
Unknown/Other	271596(9.33%)
Sex	
Female	1568434(53.87%)
Male	1342824(46.12%)
Unknown/Other	279(0.01%)
RUCA	
Metropolitan	2159471(74.17%)
Micropolitan	430133(14.77%)
Small Town	150733(5.18%)
Unknown	30748(1.06%)
Rural	140452(4.82%)

RUSH	
N = 1012323	
Age	
17 years or younger	140697(13.90%)
18-44	401642(39.68%)
45-64	262389(25.92%)
65 years or older	207595(20.51%)
Race	
American Indian or Alaska Native	2861(0.28%)
Asian	43122(4.26%)
Black or African American	23393(22.07%)
Native Hawaiian or Other Pacific Islander	1283(0.13%)
White	484358(47.85%)
Unknown/Other	257307(25.42%)
Hispanic/Non-Hispanic	
Hispanic	228116(22.53%)
Non-Hispanic	740309(73.13%)
Unknown/Other	43899(4.34%)
(Sex	
Female	568511(56.16%)
Male	443563(43.82%)
Unknown/Other	250 (0.02%)

Johns Hopkins University	
N = 2007285	
Age	
17 years or younger	369016(18.38%)
18-44	646067(32.19%)
45-64	502750(25.05%)
65 years or older	489452(24.38%)
Race	
American Indian or Alaska Native	5613(0.28%)
Asian	59736(2.98%)

Black or African American	490602(24.44%)
Native Hawaiian or Other Pacific Islander	622(0.03%)
White	1099641(54.78%)
Unknown/Other	351072(17.49%)
Hispanic/Non-Hispanic	
Hispanic	102977(5.13%)
Non-Hispanic	1610061(80.21%)
Unknown/Other	294248(14.66%)
Sex	
Female	1130527(56.32%)
Male	875476(43.61%)
Unknown/Other	1283(0.06%)
RUCA	
Metropolitan	1953659(97.33%)
Micropolitan	26104(1.30%)
Small Town	8751(0.44%)
Unknown	13168(0.66%)
Rural	5604(0.28%)

Geisinger Health System	
N = 1641894	
Age	
17 years or younger	320858 (19.54%)
18-44	551799 (33.61%)
45-64	389623 (23.73%)
65 years or older	379614 (23.12%)
Race	
American Indian or Alaska Native	3122 (0.19%)
Asian	21523 (1.31%)
Black or African American	83194 (5.07%)
Native Hawaiian or Other Pacific Islander	9369 (0.57%)
White	1277807 (77.83%)
Unknown/Other	246879 (15.04%)
Hispanic/Non-Hispanic	
Hispanic	105931 (6.45%)
Non-Hispanic	1288449(78.47%)
Unknown/Other	247514(15.07%)
Sex	
Female	866162 (52.75%)
Male	775697 (47.24%)
Unknown/Other	35 (0.00%)
RUCA	
Metropolitan	1192619 (72.64%)
Micropolitan	314116(19.13%)
Small Town	55631(3.39%)
Unknown	28787(1.75%)
Rural	50741(3.09%)

University of Michigan	
N = 1086588	
Age	
17 years or younger	209849 (19.31%)
18-44	361853 (33.30%)
45-64	254362(23.41%)
65 years or older	260524(23.98%)
Race	
American Indian or Alaska Native	4621 (0.43%)
Asian	55990 (5.15%)
Black or African American	100979 (9.29%)
Native Hawaiian or Other Pacific Islander	901 (0.08%)
White	795479 (73.21%)
Unknown/Other	128618 (11.84%)
Hispanic/Non-Hispanic	
Hispanic	44478 (4.09%)
Non-Hispanic	931416 (85.72%)
Unknown/Other	110694(10.19%)
Sex	
Female	593196(54.59%)
Male	493207(45.39%)
Unknown/Other	185(0.02%)

RUCA	
Metropolitan	957072 (88.08%)
Micropolitan	68977 (6.35%)
Small Town	31086 (2.86%)
Unknown	1919 (0.18%)
Rural	27534 (2.53%)

Ohio State University	
N = 961654	
Age	
17 years or younger	55179(5.74%)
18-44	397961 (41.38%)
45-64	278799 (28.99%)
65 years or older	229715 (23.89%)
Race	
American Indian or Alaska Native	1304 (0.11%)
Asian	39843 (4.14%)
Black or African American	140579(14.62%)
Native Hawaiian or Other Pacific Islander	375 (0.04%)
White	680043 (70.72%)
Unknown/Other	99510 (10.35%)
Hispanic/Non-Hispanic	
Hispanic	36117 (3.76%)
Non-Hispanic	872015 (90.68%)
Unknown/Other	53522 (5.57%)
Sex	
Female	543648 (56.53%)
Male	417860 (43.45%)
Unknown/Other	146 (0.02%)

RUCA	
Metropolitan	769066(79.97%)
Micropolitan	145930 (15.17%)
Small Town	31362 (3.26%)

Unknown	2996 (0.31%)
Rural	12300 (1.28%)

Penn State University	
N = 821447	
Age	
17 years or younger	191393 (30.18%)
18-44	247881 (30.18%)
45-64	186204 (22.67%)
65 years or older	195969 (23.86%)
Race	
American Indian or Alaska Native	1148 (0.14%)
Asian	20847 (2.54%)
Black or African American	46680 (5.68%)
Native Hawaiian or Other Pacific Islander	608 (0.07%)
White	535065 (65.14%)
Unknown/Other	217099 (26.43%)
Hispanic/Non-Hispanic	
Hispanic	67029(8.16%)
Non-Hispanic	618782 (75.33%)
Unknown/Other	135636 (16.51%)
Sex	
Female	444998 (54.17%)
Male	375832 (45.75%)
Unknown/Other	617 (0.08%)
RUCA	
Metropolitan	772175 (94.00%)
Micropolitan	35090 (4.27%)
Unknown	691(0.08%)
Small Town	7380 (0.90%)
Rural	6111 (0.74%)

Temple University	
N = 724417	
Age	
17 years or younger	67765 (9.35%)
18-44	279730 (38.61%)
45-64	203229 (28.05%)
65 years or older	173693 (23.98%)
Race	
American Indian or Alaska Native	561 (0.08%)
Asian	23757 (3.28%)
Black or African American	237821 (32.83%)
Native Hawaiian or Other Pacific Islander	13 (0.00%)
White	250650 (34.60%)
Unknown/Other	211628 (29.21%)
Hispanic/Non-Hispanic	
Hispanic	119560 (16.50%)
Non-Hispanic	494433 (68.25%)
Unknown/Other	110437 (15.24%)
Sex	
Female	379980 (54.94%)
Male	326301 (45.04%)
Unknown/Other	149 (0.02%)
RUCA	
Metropolitan	718038 (99.12%)
Micropolitan	3031 (0.42%)
Unknown	2434(0.34%)
Small Town	463 (0.06%)
Rural	464 (0.06%)

BCM	
N = 561120	
Age	
17 years or younger	68701(12.24%)
18-44	237190(42.27%)
45-64	152117(27.11%)
65 years or older	103112(18.38%)
Race	
American Indian or Alaska Native	1751(0.31%)
Asian	26190(4.67%)
Black or African American	159219(28.38%)
Native Hawaiian or Other Pacific Islander	2953(0.53%)
White	165276(29.45%)
Unknown/Other	205731(36.66%)
Hispanic Ethnicity	
Hispanic	130825(23.31%)
Non-Hispanic	371541(66.21%)
Unknown/Other	58754(10.47%)
Sex	
Female	306715(54.66%)
Male	254290(45.32%)
Unknown/Other	115(0.02%)