

Nebraska Digital Equity Benchmark Data

January 30, 2023

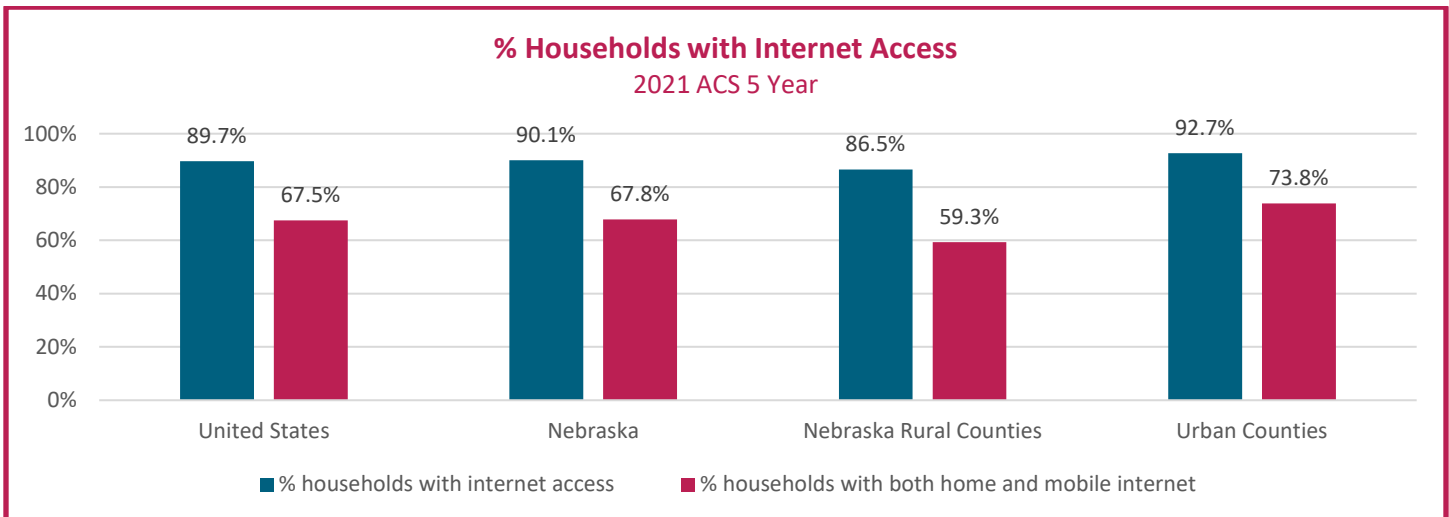
Internet Access at Home

Percent of Households by Modes of Internet Access

United States, Nebraska Rural and Urban Counties

2021 ACS 5-Year (Table B28002)

	United States	Nebraska	Rural Counties	Urban Counties (Douglas, Sarpy, Lancaster and Hall Counties)
Total Households	124,010,992	766,887	318,018	448,869
% households with internet subscription (A)	87.2%	87.6%	83.8%	90.3%
% households with cellular data plan (B)	78.7%	78.5%	72.1%	83.1%
% households with internet access but no cellular data plan (C)	8.5%	9.1%	11.7%	7.2%
% households without cellular data plan (D)	21.3%	21.5	27.9%	16.9%
% households with Cellular data plan only (E)	11.2%	10.7	12.8%	9.3%
% households with Internet access without a subscription (F)	2.5%	2.5%	2.7%	2.4%
% households with no internet access (G)	10.3%	9.9%	13.5%	7.3%
% households without both home and mobile internet (C+E+F+G)	32.5%	32.2%	40.7%	26.2%
% households with internet access	89.7%	90.1%	86.5%	92.7%
% households with both home and mobile internet	67.5%	67.8%	59.3%	73.8%



Percent of Households by Modes of Internet Access

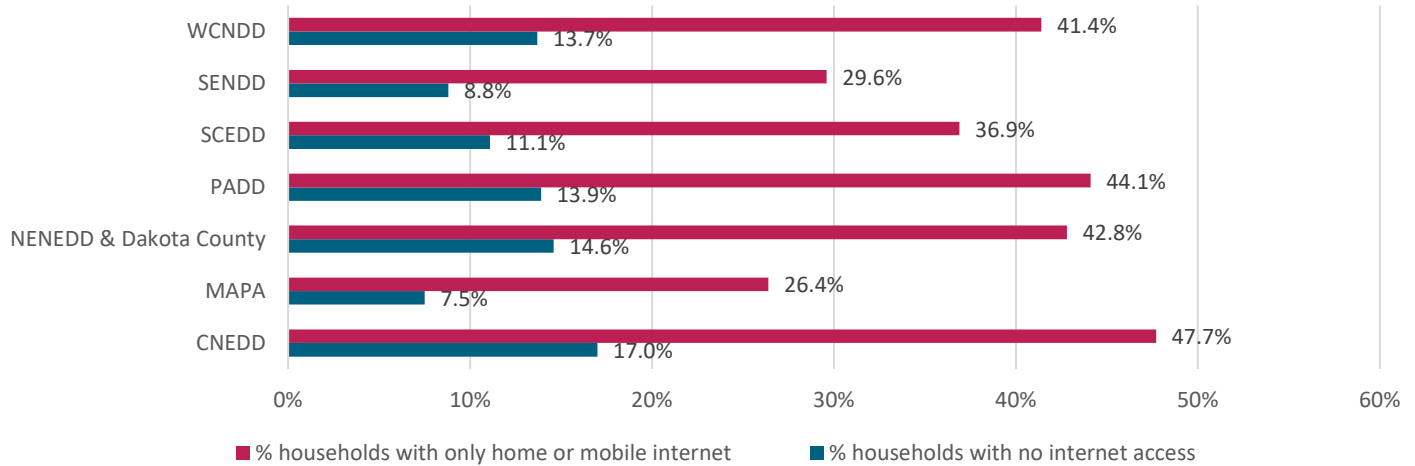
by Nebraska Economic Development Districts

2021 ACS 5-Year (Table B28002)

Geographic Area Name	Total Households	% households with internet subscription	% households with cellular data plan	% households with internet access but no cellular data plan E-G	% households without cellular data plan 100%-G	% households with Cellular data plan only	% households with Internet access without a subscription	% households with no internet access	% households without both home and mobile internet H+K+M+O
CNEDD	19,093	79.8%	68.1%	11.7%	31.9%	15.7%	3.2%	17.0%	47.7%
MAPA	315,729	90.2%	83.1%	7.2%	16.9%	9.5%	2.2%	7.5%	26.4%
NENEDD and Dakota County	85,015	82.8%	70.6%	12.2%	29.4%	13.4%	2.5%	14.6%	42.8%
PADD	34,828	83.3%	69.1%	14.1%	30.9%	13.2%	2.8%	13.9%	44.1%
SCEDD	77,662	86.0%	75.2%	10.8%	24.8%	12.1%	3.0%	11.1%	36.9%
SEND	192,968	88.6%	79.7%	8.9%	20.3%	9.3%	2.6%	8.8%	29.6%
WCNDD	41,592	83.2%	73.4%	9.8%	26.6%	14.8%	3.1%	13.7%	41.4%

Percent Nebraska Households with No Internet Access and With Only Home or Mobile Internet By Economic Development District

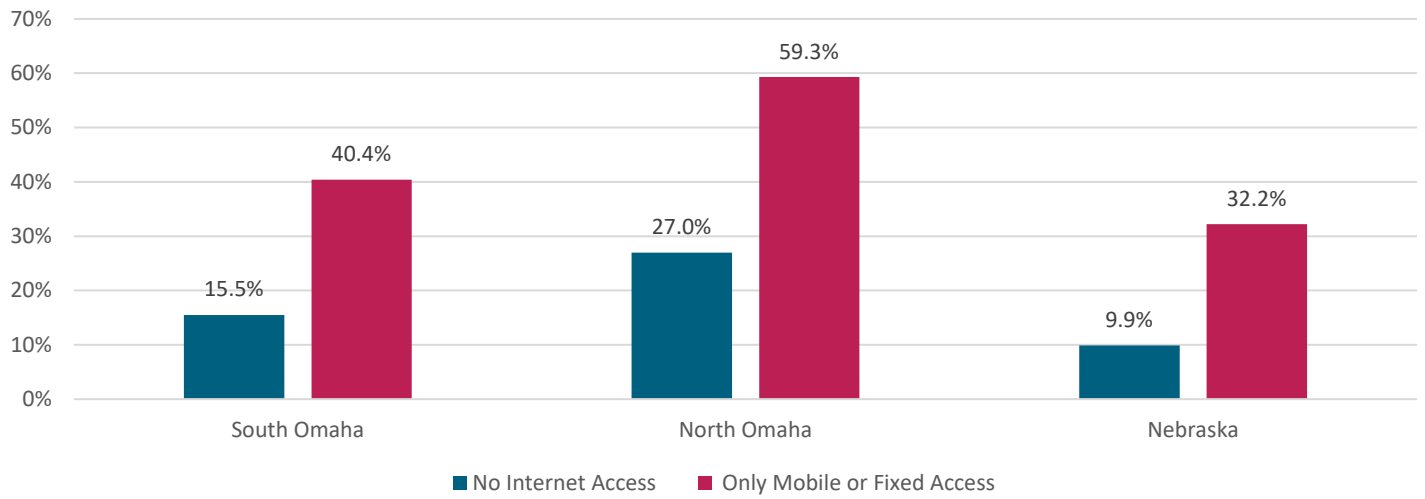
2021 ACS 5-Year Estimate Table B28002



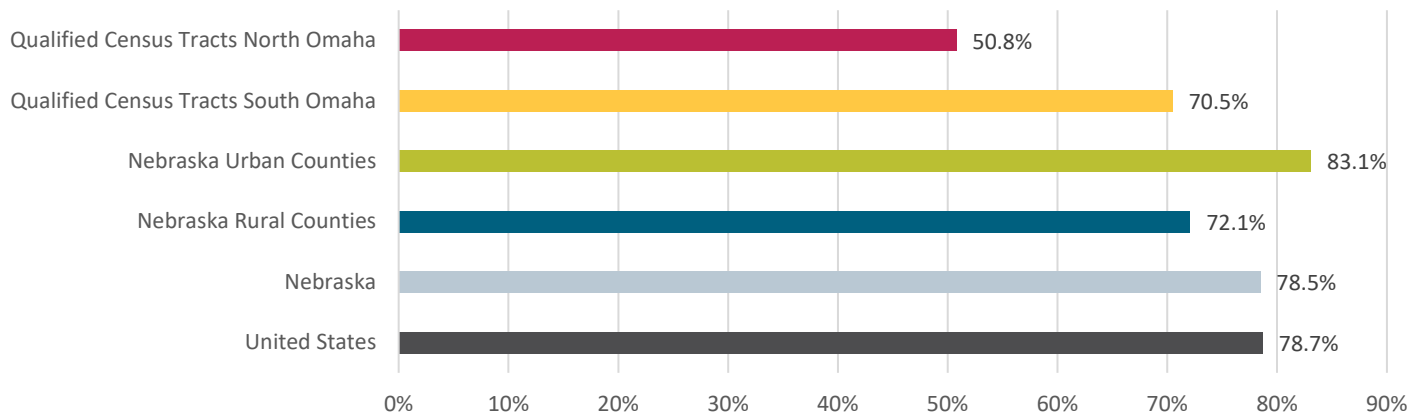
**Percent of Households in Qualified Census Tracts in North and South Omaha
by Modes of Internet Access**

	South Omaha Qualified Census Tracts % households	North Omaha Qualified Census Tracts % households
With an Internet subscription	80.4%	69.6%
Dial-up with no other type of Internet subscription	0.2%	0.3%
Broadband of any type	80.2%	69.3%
Cellular data plan	70.5%	50.8%
Cellular data plan with no other type of Internet subscription	15.6%	14.3%
Broadband such as cable, fiber optic or DSL	62.0%	52.9%
Broadband such as cable, fiber optic or DSL with no other type of Internet subscription	8.6%	17.0%
Satellite Internet service	5.1%	3.0%
Satellite Internet service with no other type of Internet subscription	0.6%	0.8%
Other service with no other type of Internet subscription	0.0%	0.1%
Internet access without a subscription	4.2%	3.4%
No Internet access	15.5%	27.0%
Only mobile or fixed access	40.4%	59.3%

**% Households in Qualified Census Tracts in North and South Omaha
with No Internet Access or Only Mobile or Fixed Access**
2021 ACS 5-Year (Table B28002)



% Households with Cellular Data Plan
2021 ACS 5-Year (Table B28002)



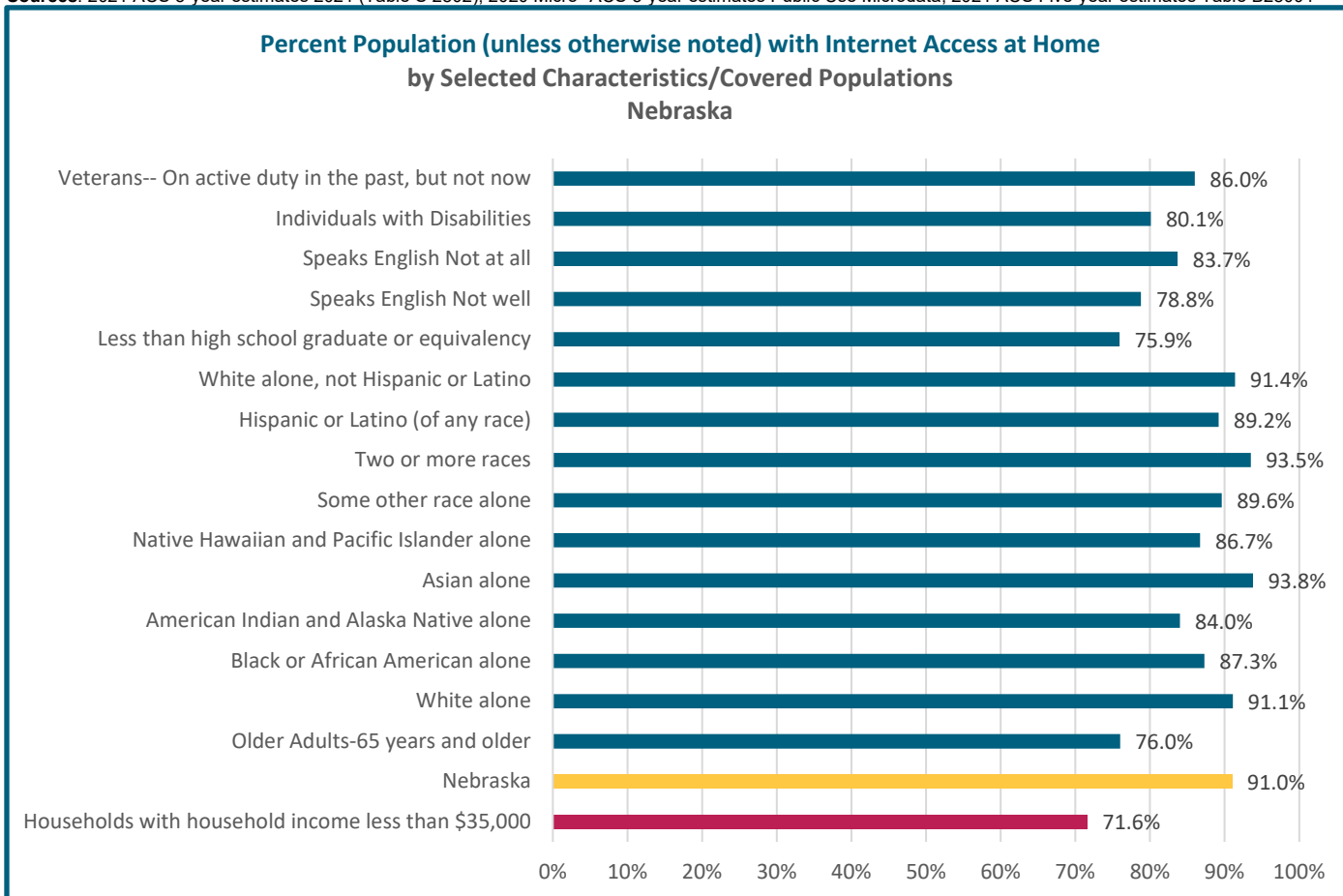
Percent Nebraska Population (unless otherwise noted) with Internet Access at Home

by Selected Characteristics/Covered Populations

ACS 5-year 2021 (Table S 2802) unless otherwise noted

% Population with Internet at Home ACS 5-year 2021 (Table S 2802) unless otherwise noted	
Nebraska	91.0%
Older Adults 65 years and older	76.0%
Minority Populations	
White alone	91.1%
Black or African American alone	87.3%
American Indian and Alaska Native alone	84.0%
Asian alone	93.8%
Native Hawaiian and Pacific Islander alone	86.7%
Some other race alone	89.6%
Two or more races	93.5%
Hispanic or Latino (of any race)	89.2%
White alone, not Hispanic or Latino	91.4%
Language Barriers	
Less than high school graduate or equivalency	75.9%
Speaks English Not well (2020 ACS Micro)	78.8%
Speaks English Not at all (2020 ACS Micro)	83.7%
Individuals with Disabilities (2020 ACS Micro)	80.1%
Veterans - On active duty in the past, but not now (2020 ACS Micro)	86.0%
% Households with Internet at Home/ Subscription 2021 ACS Five-year estimate Table B28004	
Lower Incomes--Households with household income less than \$35,000	71.6%

Sources: 2021 ACS 5-year estimates 2021 (Table S 2802); 2020 Micro--ACS 5-year estimates Public Use Microdata; 2021 ACS Five-year estimates Table B28004



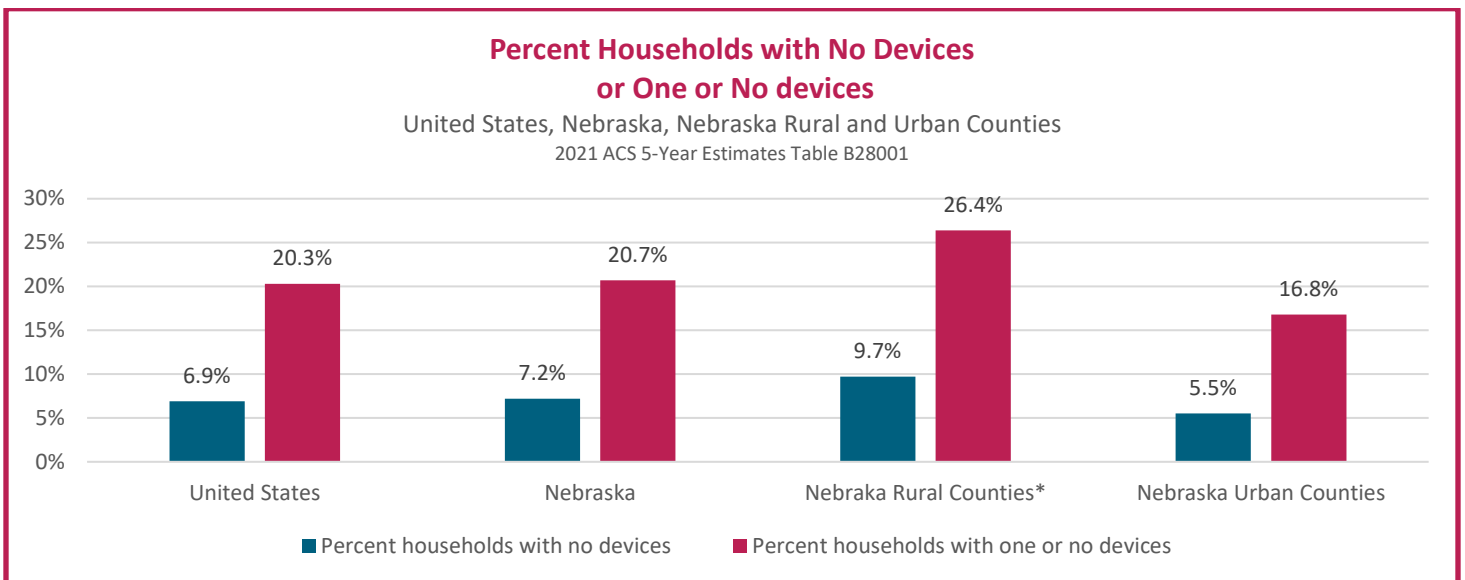
Access to Devices

Types of Computers in Household

United States, Nebraska Rural and Urban Counties
2021 ACS 5-Year Estimates from Table B2801

	United States	Nebraska	Rural Counties*	Urban Counties (Douglas, Sarpy, Lancaster and Hall Counties)
Total Households	124,010,992	766,887	318,018	448,869
Percent households with one or more types of computing devices	93.1%	92.8%	90.3%	94.5%
Percent households with a desktop or laptop	78.9%	78.6%	73.5%	82.2%
Percent households with a desktop or laptop only	3.8%	4.5%	5.6%	3.7%
Percent households with a smartphone	86.5%	84.9%	80.4%	88.1%
Percent households with a smartphone only	8.7%	7.9%	9.6%	6.8%
Percent households with a tablet	63.2%	63.2%	58.8%	67.8%
Percent households with a tablet only	0.9%	1.1%	1.4%	0.9%
Percent households with no devices	6.9%	7.2%	9.7%	5.5%
Percent households with one or no devices	20.3%	20.7%	26.4%	16.8%

*Rural Area—The term “rural area” means any area other than – 1. A city or town that has a population of greater than 50,000 inhabitants; 2. Any urbanized area contiguous and adjacent to a city or town that has a population of greater than 50,000 inhabitants;



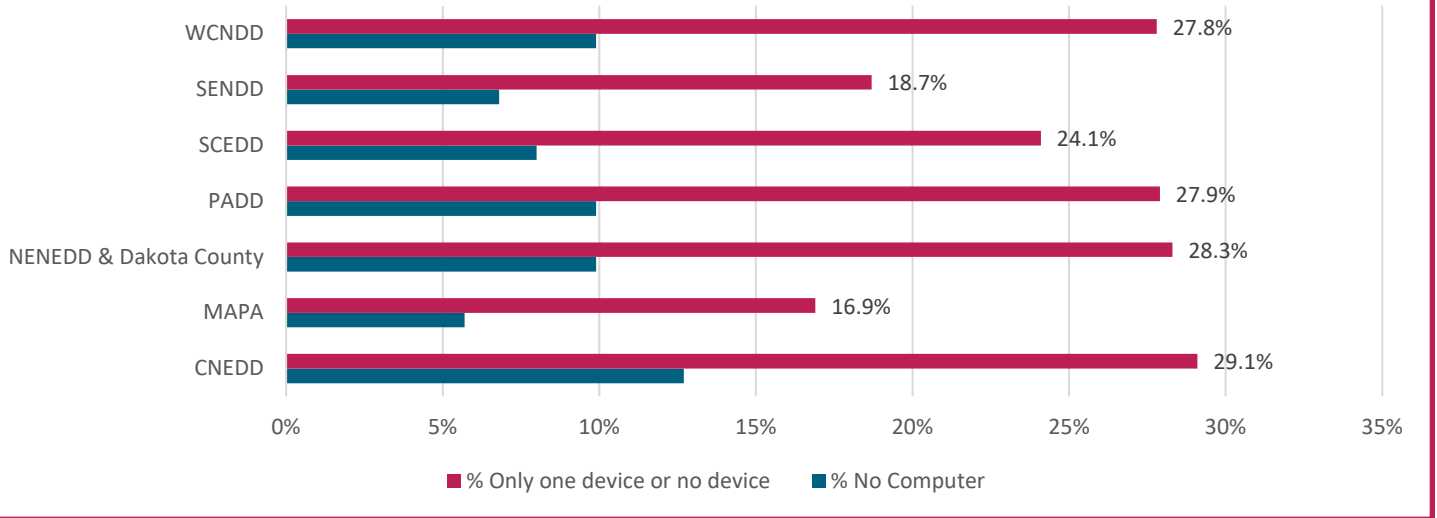
Percent Nebraska Households with No Internet Access and Without Both Home and Mobile Internet

By Economic Development District
2021 ACS 5-Year Estimate Table B28002

Geographic Area Name	Total Households	% Has one or more types of computing devices	% Has Desktop or laptop	% Has Desktop or laptop only	% Has Smartphone	% Has Smartphone only	% Has Tablet or other portable wireless computer	% Has Tablet only	% No Digital Devices	% Only one device or no device
CNEDD	19,093	87.3%	72.5%	5.7%	77.3%	9.3%	53.9%	1.4%	12.7%	29.1%
MAPA	315,729	94.3%	82.5%	3.6%	87.8%	6.7%	68.5%	0.9%	5.7%	16.9%
NENEDD & Dakota County	85,015	90.1%	71.0%	5.5%	80.0%	11.3%	56.4%	1.6%	9.9%	28.3%
PADD	34,828	90.1%	72.5%	6.2%	79.6%	10.2%	57.4%	1.6%	9.9%	27.9%
SCEDD	77,662	92.0%	74.2%	4.8%	83.5%	9.8%	62.6%	1.5%	8.0%	24.1%
SENDD	192,968	93.2%	80.9%	4.6%	85.4%	6.4%	64.4%	0.9%	6.8%	18.7%
WCNDD	41,592	90.1%	70.1%	5.5%	81.0%	10.9%	57.5%	1.5%	9.9%	27.8%

Percent Households with No Devices or One or No devices

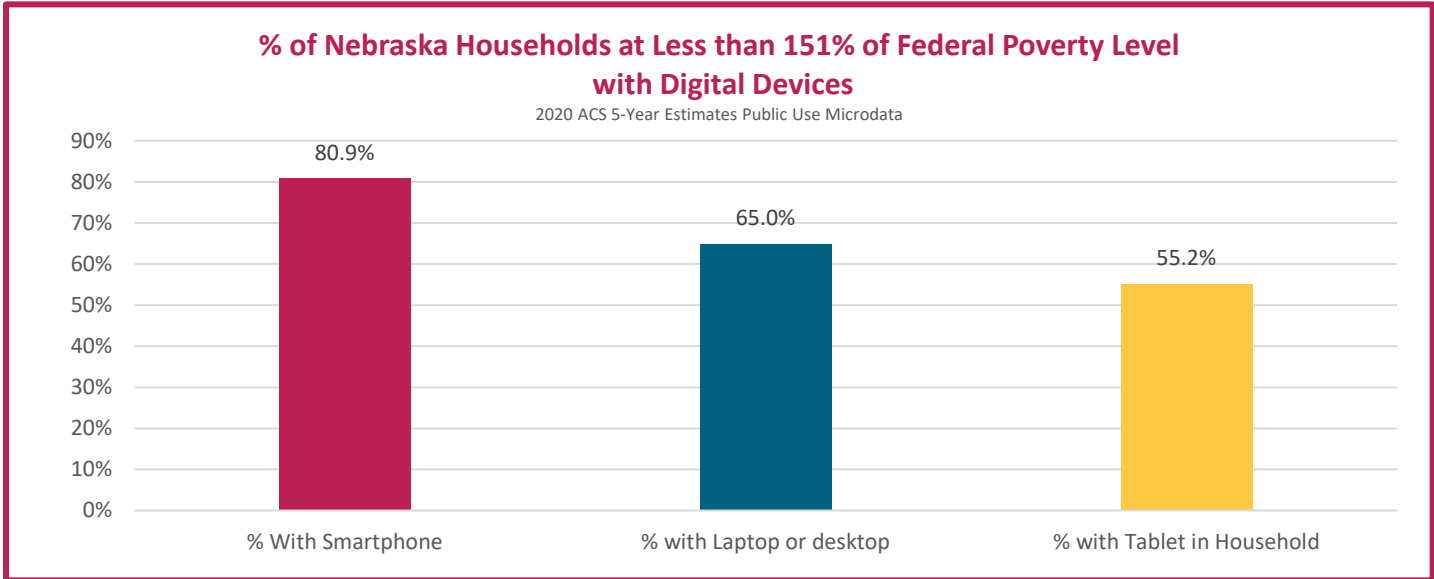
NROC Districts
2021 ACS 5-Year Estimates Table B28001



Types of Types of Computers in Nebraska Households

Below 151% of poverty level
2020 ACS 5-Year Estimates Public Use Microdata

Total households below 151% of poverty level	354,487 households
Device	% Households
With Smartphone	80.9%
With Laptop or desktop	65%
With Tablet	55.2%



Percent Nebraska Population with Digital Device in Household

Selected Covered Populations

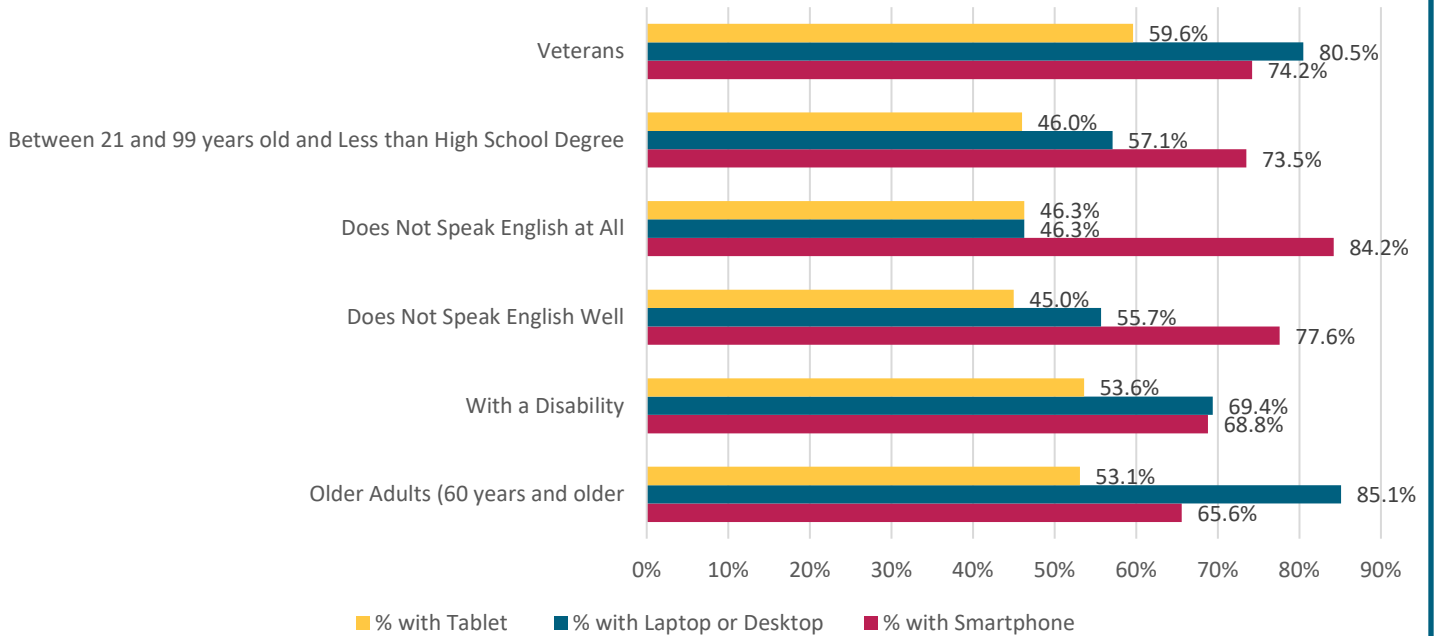
2020 ACS 5-Year Estimates Public Use Microdata

	Older Adults Nebraska (60 years and older)	With a disability	Individuals with Low Levels of Literacy			Veterans (On Active Duty in the Past, but Not Now)
			Does Not Speak English Well	Does Not Speak English at All	Between 21 and 99 years old and Less than High School Degree	
Total in covered population/demographic	410,900	218,537	34,732	11,076	105,563	112,251
% with Smartphone	65.6%	68.8%	77.6%	84.2%	73.5%	74.2%
% with Laptop or Desktop	85.1%	69.4%	55.7%	46.3%	57.1%	80.5%
% with Tablet in Household	53.1%	53.6%	45.0%	46.3%	46.0%	59.6%

Percent Covered Population with Digital Devices

Nebraska

2020 ACS 5-Year Estimates Public Use Microdata



Percent Population with Digital Devices By Race

Nebraska

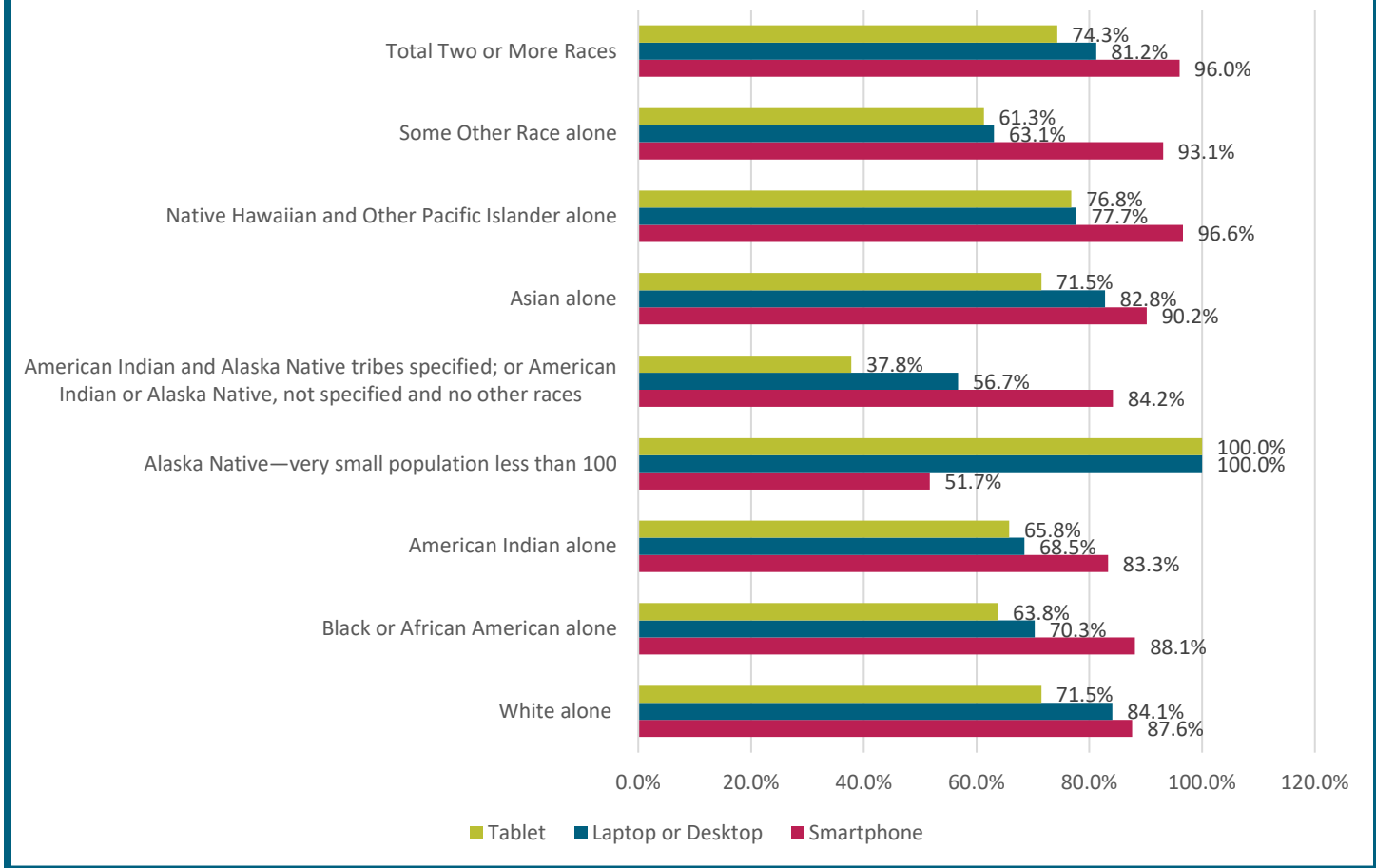
2020 ACS 5-Year Estimates Public Use Microdata

	Smartphone	Laptop or Desktop	Tablet
White alone	87.6%	84.1%	71.5%
Black or African American alone	88.1%	70.3%	63.8%
American Indian alone	83.3%	68.5%	65.8%
Alaska Native—very small population less than 100	51.7%	100.0%	100.0%
American Indian and Alaska Native tribes specified; or American Indian or Alaska Native, not specified and no other races	84.2%	56.7%	37.8%
Asian alone	90.2%	82.8%	71.5%
Native Hawaiian and Other Pacific Islander alone	96.6%	77.7%	76.8%
Some Other Race alone	93.1%	63.1%	61.3%
Total Two or More Races	96.0%	81.2%	74.3%

Percent Covered Population with Digital Devices by Race

Nebraska

2020 ACS 5-Year Estimates Public Use Microdata



Additional Tables

Older Adults and Smartphone Presence in Household 2020 ACS 5-year															
Older Adults	Nebraska	North Central & North west Nebraska PUMA, Nebraska	Northeast Nebraska PUMA, Nebraska	Central Nebraska PUMA, Nebraska	Southwest Nebraska PUMA, Nebraska	South Central Nebraska PUMA, Nebraska	Southeast Nebraska PUMA, Nebraska	Dodge, Cass, Saunders & Washington Counties PUMA; Nebraska	Sarpy County- - Bellevue City PUMA, Nebraska	Lancaster County- -Lincoln City (North) PUMA, Nebraska	Lancaster County- -Lincoln City (South) PUMA, Nebraska	Douglas County-- Omaha City (Northwest) PUMA, Nebraska	Douglas County-- Omaha City (Southwest) PUMA, Nebraska	Douglas County-- Omaha City (Northeast) PUMA, Nebraska	Douglas County-- Omaha City (Southeast) PUMA, Nebraska
-> Total	1,884,972	106132	177783	107997	104779	112903	130642	105913	183936	162870	143677	185387	151887	106305	104761
-> Total -> Total 60 and over	410900	29145	43173	25839	27669	28416	36198	25892	30602	27785	33605	35245	31504	18572	17255
% With Smartphone	65.6%	58.5%	57.0%	62.6%	63.2%	64.9%	57.1%	63.3%	75.7%	70.7%	74.2%	71.9%	76.7%	56.9%	62.5%
% with Laptop or desktop	85.1%	75.8%	78.9%	78.9%	75.1%	85.7%	84.2%	86.2%	93.4%	84.6%	93.8%	93.2%	94.3%	76.1%	73.8%
% with Tablet in Household	53.1%	42.0%	47.6%	49.0%	48.4%	53.9%	46.1%	51.9%	61.1%	57.2%	63.1%	63.2%	63.1%	43.6%	46.7%

% of Households at 150% or below Poverty Level with Laptop or Desktop															
Source: ACS 5-Year Estimates Public Use Microdata Sample 2020															
Laptop or desktop (LAPTOP)	Nebraska	North Central & Northwest Nebraska PUMA, Nebraska	Northeast Nebraska PUMA, Nebraska	Central Nebraska PUMA, Nebraska	Southwest Nebraska PUMA, Nebraska	South Central Nebraska PUMA, Nebraska	Southeast Nebraska PUMA, Nebraska	Dodge, Cass, Saunders & Washington Counties PUMA; Nebraska	Sarpy County - Bellevue City PUMA, Nebraska	Lancaster County - Lincoln City (North) PUMA, Nebraska	Lancaster County - Lincoln City (South) PUMA, Nebraska	Douglas County-- Omaha City (Northwest) PUMA, Nebraska	Douglas County-- Omaha City (Southwest) PUMA, Nebraska	Douglas County-- Omaha City (Northeast) PUMA, Nebraska	Douglas County-- Omaha City (Southeast) PUMA, Nebraska
-> Total	884,293 households	47,802	76,025	45,685	42,281	53,691	59,425	46,406	91,070	75,373	71,725	92,950	75,445	54,495	51,920
-> Total -> Total Below 151 percent	354,487 Total Below 151 percent	25,676	36,166	21,074	21,003	25,493	25,482	17,496	19,565	42,012	16,947	21,542	10,966	37,959	33,106
% with Smartphone in Household	80.9%	76.4%	79.3%	78.3%	80.3%	80.5%	73.6%	78.6%	86.2%	91.9%	87.5%	86.2%	76.4%	80.8%	72.6%
% of households below 151% with a laptop or desktop	65%	58%	61%	56%	53%	67%	61%	62%	76%	78%	79%	80%	73%	55%	59%
% households with tablet	55.2%	49.8%	53.4%	54.4%	48.7%	58.2%	55.1%	59.5%	62.0%	62.1%	60.8%	65.9%	54.2%	44.7%	51.1%

Individuals with Disabilities and Smartphone in household															
Source: ACS 5-Year Estimates Public Use Microdata Sample 2020															
Weight used: WGTP															
Universe: selected geographies: Nebraska, North Central & Northwest N..., Northeast Nebraska PUMA, Ne..., Central Nebraska PUMA, Nebr..., Southwest Nebraska PUMA, Ne..., South Central Nebraska PUMA..., Southeast Nebraska PUMA, Ne..., Dodge, Cass, Saunders & Was..., Sarpy County--Bellevue City..., Lancaster County--Lincoln C..., Lancaster County--Lincoln C..., Douglas County--Omaha City ..., Douglas County--Omaha City ..., Douglas County--Omaha City ...															
	Nebraska	North Central & Northwest Nebraska PUMA, Nebraska	Northeast Nebraska PUMA, Nebraska	Central Nebraska PUMA, Nebraska	Southwest Nebraska PUMA, Nebraska	South Central Nebraska PUMA, Nebraska	Southeast Nebraska PUMA, Nebraska	Dodge, Cass, Saunders & Washington Counties PUMA; Nebraska	Sarpy County--Bellevue City PUMA, Nebraska	Lancaster County--Lincoln City (North) PUMA, Nebraska	Lancaster County--Lincoln City (South) PUMA, Nebraska	Douglas County--Omaha City (Northwest) PUMA, Nebraska	Douglas County--Omaha City (Southwest) PUMA, Nebraska	Douglas County--Omaha City (Northeast) PUMA, Nebraska	Douglas County--Omaha City (Southeast) PUMA, Nebraska
Smartphone (SMARTPHONE)															
-> Total	1,884,972	106,132	177,783	107,997	104,779	112,903	130,642	105,913	183,936	162,870	143,677	185,387	151,887	106,305	104,761
-> Total -> Total With a disability	218,537 Total With a disability	15,410	20,442	13,869	15,247	15,343	17,889	13,510	17,645	17,487	14,442	17,504	12,577	15,409	11,763
% with Smartphone	68.8%	63.3%	59.6%	66.0%	63.6%	68.2%	58.8%	68.8%	78.8%	77.5%	73.8%	74.4%	75.3%	67.6%	69.5%
% with laptop or desktop in household	69.4%	61.1%	62.5%	63.3%	61.1%	69.4%	65.1%	70.2%	81.1%	70.0%	80.4%	80.6%	81.1%	62.4%	64.0%
% with tablet	53.6%	43.9%	47.7%	45.7%	47.9%	54.8%	48.2%	53.4%	64.5%	57.9%	59.2%	66.0%	62.8%	47.8%	48.9%

Does not speak English not well and Smartphone															
Source: ACS 5-Year Estimates Public Use Microdata Sample 2020															
Smartphone (SMARTPHONE)	Nebraska	North Central & Northwest Nebraska PUMA, Nebraska	Northeast Nebraska PUMA, Nebraska	Central Nebraska PUMA, Nebraska	Southwest Nebraska PUMA, Nebraska	South Central Nebraska PUMA, Nebraska	Southeast Nebraska PUMA, Nebraska	Dodge, Cass, Saunders & Washington Counties PUMA; Nebraska	Sarpy County - Bellevue City PUMA, Nebraska	Lancaster County - Lincoln City (North) PUMA, Nebraska	Lancaster County - Lincoln City (South) PUMA, Nebraska	Douglas County-- Omaha City (Northwest) PUMA, Nebraska	Douglas County-- Omaha City (Southwest) PUMA, Nebraska	Douglas County-- Omaha City (Northeast) PUMA, Nebraska	Douglas County-- Omaha City (Southeast) PUMA, Nebraska
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-> Total -> Total Not well	34,732	639	5,180	2,137	1,477	1,046	1,907	1,574	2,147	3,572	1,641	1,437	452	4,190	7,333
% Yes Smartphone,	77.6%	80.9%	80.6%	89.7%	76.5%	77.1%	48.6%	93.5%	99.5%	94.4%	82.8%	85.2%	96.0%	74.5%	59.7%
% with laptop	55.7%	40.7%	46.9%	50.6%	59.5%	36.8%	30.2%	54.5%	88.0%	72.5%	53.7%	75.1%	100.0%	60.6%	46.9%
% tablet	45.0%	57.0%	40.3%	60.2%	51.3%	44.1%	26.5%	51.2%	76.2%	65.8%	56.1%	57.1%	80.8%	18.5%	34.1%

Smartphone (SMARTPHONE)	Nebraska	North Central & Northwest Nebraska PUMA, Nebraska	Northeast Nebraska PUMA, Nebraska	Central Nebraska PUMA, Nebraska	Southwest Nebraska PUMA, Nebraska	South Central Nebraska PUMA, Nebraska	Southeast Nebraska PUMA, Nebraska	Dodge, Cass, Saunders & Washington Counties PUMA; Nebraska	Sarpy County - Bellevue City PUMA, Nebraska	Lancaster County - Lincoln City (North) PUMA, Nebraska	Lancaster County - Lincoln City (South) PUMA, Nebraska	Douglas County - Omaha City (Northwest) PUMA, Nebraska	Douglas County - Omaha City (Southwest) PUMA, Nebraska	Douglas County - Omaha City (Northeast) PUMA, Nebraska	Douglas County - Omaha City (Southeast) PUMA, Nebraska
-> Total -> Total Not at all	11,076 Total Not at all	155	1,384	1,146	620	340	174	169	354	1,269	300	370	264	1,409	3,122
% yes Smartphone	84.2%	92.9%	83.7%	92.8%	98.7%	95.3%	73.6%	44.4%	100.0%	86.4%	88.3%	60.0%	100.0%	88.8%	75.8%
% with laptop	46.3%	18.1%	47.3%	30.3%	53.5%	4.1%	73.6%	15.4%	57.9%	71.9%	85.3%	74.6%	88.6%	44.2%	35.0%
% tablet	46.3%	43.2%	27.4%	52.0%	61.6%	65.3%	52.9%	98.2%	39.0%	42.0%	52.3%	63.5%	36.7%	29.6%	52.7%

Veterans and Smartphones Source: ACS 5-Year Estimates Public Use Microdata Sample 2020															
Smartphone (SMARTPHONE)	Nebraska	North Central & Northwest Nebraska PUMA, Nebraska	Northeast Nebraska PUMA, Nebraska	Central Nebraska PUMA, Nebraska	Southwest Nebraska PUMA, Nebraska	South Central Nebraska PUMA, Nebraska	Southeast Nebraska PUMA, Nebraska	Dodge, Cass, Saunders & Washington Counties PUMA; Nebraska	Sarpy County - Bellevue City PUMA, Nebraska	Lancaster County - Lincoln City (North) PUMA, Nebraska	Lancaster County - Lincoln City (South) PUMA, Nebraska	Douglas County - Omaha City (Northwest) PUMA, Nebraska	Douglas County - Omaha City (Southwest) PUMA, Nebraska	Douglas County - Omaha City (Northeast) PUMA, Nebraska	Douglas County - Omaha City (Southeast) PUMA, Nebraska
-> Total	1,884,972	106,132	177,783	107,997	104,779	112,903	130,642	105,913	183,936	162,870	143,677	185,387	151,887	106,305	104,761
-> Total -> Total On active duty in the past, but not now	112,251	6,960	10,059	6,036	7,228	6,103	8,332	7,779	17,108	7,586	7,008	9,243	8,180	6,106	4,523
% smartphone	74.2%	67.2%	63.0%	68.5%	68.8%	69.0%	63.6%	71.4%	87.6%	81.6%	77.8%	80.1%	78.0%	71.3%	73.2%
% laptop or desktop	80.5%	72.9%	70.1%	72.0%	72.1%	77.8%	71.1%	82.4%	92.8%	83.6%	86.0%	87.4%	90.3%	76.9%	70.9%
% tablet	59.6%	48.3%	49.2%	48.6%	53.5%	53.4%	50.4%	59.7%	74.7%	59.5%	64.3%	71.9%	66.0%	53.5%	56.5%