

TidyX Episode 15 - American Slavery and Juneteenth

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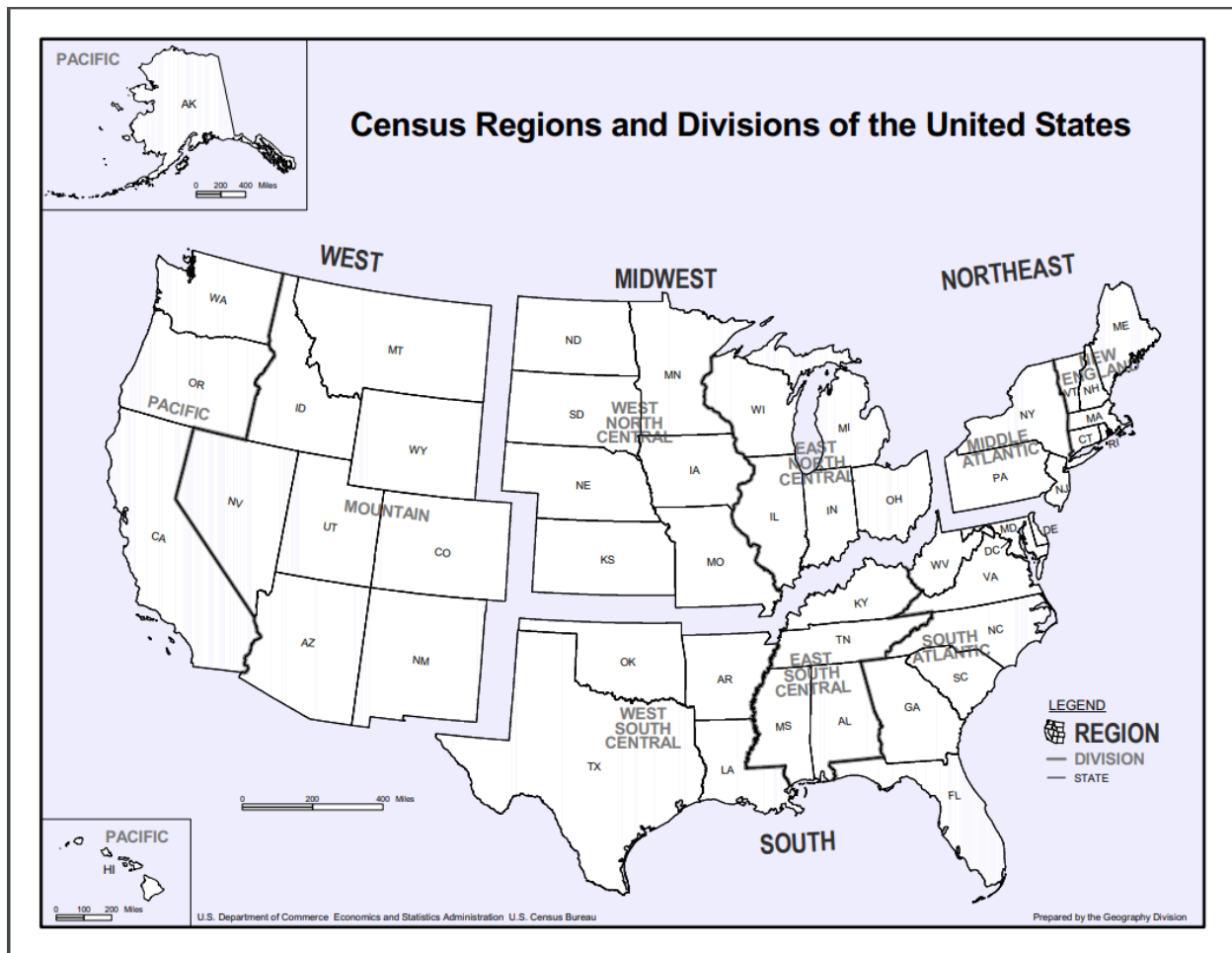
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Background

The data this week is on Americas history of slavery, and comes from several sources including the US Census Archives. Slavery was a legal institution until the passing of the Thirteenth Amendment in 1865. It took until June 19th, 1865 for Federal troops to arrive in Galveston, Texas to enforce the emancipation, and that day is now celebrated as *Juneteenth*.

The data set TidyX is exploring is the data from the US Census from 1790 to 1870. It is important to remember that census used racial categories based on social usage, and recorded three denotations; Black designated as Free, Black designated as a Slave, and White.

US Census Map Regions



USA Total

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1790	3,929,214	92.14%	19.27%	80.73%
1800	5,308,483	89.18%	18.88%	81.12%
1810	7,239,881	86.47%	19.03%	80.97%
1820	9,638,453	86.81%	18.38%	81.62%
1830	12,860,702	73.39%	18.11%	81.89%
1840	17,063,353	86.56%	16.84%	83.16%
1850	23,191,876	88.06%	15.69%	84.31%
1860	31,443,321	89.01%	14.13%	85.62%
1870	38,558,371	0.00%	12.66%	87.11%

Northeast

New England

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1790	1,009,408	22.78%	1.68%	98.32%
1800	1,233,011	7.18%	1.51%	98.49%
1810	1,471,973	2.10%	1.35%	98.65%
1820	1,660,071	0.69%	1.26%	98.74%
1830	1,954,717	0.22%	1.09%	98.91%
1840	2,234,822	0.10%	1.01%	98.99%
1850	2,728,116	0.00%	0.84%	99.16%
1860	3,135,283	0.00%	0.79%	99.21%
1870	3,487,924	0.00%	0.91%	99.06%

Middle Atlantic

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1790	958,632	72.34%	5.26%	94.74%
1800	1,402,565	54.38%	4.59%	95.41%
1810	2,014,702	32.39%	4.09%	95.91%
1820	2,699,845	19.88%	3.33%	96.67%
1830	3,587,664	2.63%	2.89%	97.11%
1840	4,526,260	0.62%	2.64%	97.36%
1850	5,898,735	0.19%	2.15%	97.85%
1860	7,458,985	0.01%	1.76%	98.24%
1870	8,810,806	0.00%	1.68%	98.31%

Midwest

East North Central

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1800	51,006	21.26%	1.24%	98.76%
1810	272,324	12.42%	1.27%	98.73%
1820	792,719	14.39%	0.97%	99.03%
1830	1,470,018	4.96%	1.08%	98.92%
1840	2,924,728	1.19%	1.00%	99.00%
1850	4,523,260	0.00%	1.00%	99.00%
1860	6,926,884	0.00%	0.92%	98.97%
1870	9,124,517	0.00%	1.43%	98.50%

West North Central

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1810	19,783	82.61%	17.59%	82.41%
1820	66,586	96.72%	15.87%	84.13%
1830	140,455	97.78%	18.27%	81.73%
1840	426,814	97.09%	14.06%	85.94%
1850	880,335	96.69%	10.27%	89.73%
1860	2,169,832	95.36%	5.56%	94.22%

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1870	3,856,594	0.00%	3.70%	96.22%

South

South Atlantic

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1790	1,851,806	95.25%	36.37%	63.63%
1800	2,286,494	93.02%	37.60%	62.40%
1810	2,674,891	91.04%	40.41%	59.59%
1820	3,061,063	90.82%	41.60%	58.40%
1830	3,645,752	89.99%	41.95%	58.05%
1840	3,925,299	89.25%	40.69%	59.31%
1850	4,679,090	89.39%	39.77%	60.23%
1860	5,364,703	89.42%	38.37%	61.61%
1870	5,853,610	0.00%	37.87%	62.10%

East South Central

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1790	109,368	97.09%	14.92%	85.08%
1800	335,407	97.90%	17.49%	82.51%
1810	708,590	97.75%	20.53%	79.47%
1820	1,190,489	97.73%	24.20%	75.80%
1830	1,815,969	97.69%	27.62%	72.38%
1840	2,575,445	98.04%	32.24%	67.76%
1850	3,363,271	98.25%	33.38%	66.62%
1860	4,020,991	98.46%	34.68%	65.32%
1870	4,404,445	0.00%	33.24%	66.73%

West South Central

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1810	77,618	82.10%	54.60%	45.40%
1820	167,680	87.03%	48.44%	51.56%
1830	246,127	87.14%	53.23%	46.77%
1840	449,985	87.89%	47.64%	52.36%
1850	940,251	94.99%	39.20%	60.80%
1860	1,747,667	97.03%	36.88%	63.08%
1870	2,029,965	0.00%	36.45%	63.49%

West

Mountain

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1850	72,927	36.11%	0.10%	99.90%
1860	174,923	12.34%	0.13%	93.81%
1870	315,385	0.00%	0.49%	95.71%

Pacific

Year	Total Population	Percent Enslaved Black Population	Percent Population - Black	Percent Population - White
1850	105,891	0.00%	1.10%	98.90%
1860	444,053	0.00%	0.96%	87.03%
1870	675,125	0.00%	0.71%	90.14%