Figure 1: John Hills Map of Philadelphia, 1796
Figure 2: Detail of John Hills Map of Philadelphia, 1796

Apple Tree Alley

Arch (Mulberry) Street

Market Street

Indian Queen Inn
Figure 3: All Householders in Philadelphia

Philadelphia 1789-1791

- All Heads of House
- Street Centerlines

N (# of people represented by structures) = 6660

(Taxpayers: 3,176; City Directory: 7,125; Census: 8,365)

Philadelphia 1801

- All Heads of House
- Street Centerlines

N (# of people represented by structures) = 8,430

(City Directory: 9,620 records)
Blocks in red are the most densely populated.

Figure 4: All Householders in Philadelphia
Figure 5: Householders in Apple Tree Alley

Philadelphia 1789-1791

Project Directors: Prof. Billy Smith, Dept. of History, Montana State University, & Dr. Paul Slutz, Dept. of History, Idaho State University GIS Map & analytical team: Alex Schwab, Tara Chelsey-Preston, Alice Hecht & Prof. Stuart Challenger, Dept. of Earth Sciences, Montana State University Data compiled from the 1791 Philadelphia City Directory, 1790 Census & 1798 PA Tax List. Background map: John Hills, 1786, Library of Congress
Figure 6: Deaths from Yellow Fever

Yellow Fever Deaths 1793

Apple Tree Alley

Deaths From Yellow Fever by Street
- 0%
- 0.1 - 4.99%
- 5 - 9.99%
- 10 - 14.99%
- 15 - 19.99%
- 20 - 67%

Principal Investigator: Dr. Billy Smith, Montana State University Dept. of History and Philosophy, bgs@montana.edu
Background map created by John Hills, 1797, Wheat and Brun no. 488, Library of Congress
Structure and people data from the 1791 city directory, 1790 federal census, and the 1793 state tax list
Data assembled and analyzed by Dr. Billy Smith and Paul Switz, Montana State University Dept. of History and Philosophy,
Tara Chesley-Preston, Alex Schwab, and Stuart Challender, Montana State University Dept. of Earth Sciences
Figure 7: Laborers and Merchants Householders

Philadelphia 1789 - 1791

- Laborer
- Merchant

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GIS Map & analytical team: Alex Schwab, Tara Chelsey-Preston, Alice Hecht & Prof. Stuart Challenger, Dept. of Earth Sciences, Montana State University
Data compiled from the 1791 Philadelphia City Directory, 1790 Census & 1789 PA Tax List. Background map: John Hills, 1796, Library of Congress
Figure 8: Laborers and Merchant Householders in 1801
Figure 9: The “Elite Corridor”

Philadelphia 1789-1791

N (# of people represented by structures) = 525
Figure 10: Householders in Coates Street (Northern Liberties)
Figure 12: Female Householders

Red is higher density
Figure 13

Occupations of Women Householders

- Shopkeeper, storekeeper, grocer
- Boardinghouse, tavernkeeper, innkeeper
- Spinner
- Clothesmakers: tailor, mantuamaker, shoemaker, milliner, glover, stocking weaver
- Washerwoman
- Huckster
- Teacher
- Miscellaneous

Comparison between 1791 and 1801.
Figure 14: Washerwomen Householders

Philadelphia 1801

- Washerwomen
- Street Centerlines

N(# of people represented by structures) = 75

(City Directory: 8620 records)
Figure 15: Slave-Owning Householders

Philadelphia 1789-1791

- Slave Owners
- Street Centerlines

N (# of people represented by structures) = 137

(Taxpayers: 3176; City Directory: 7125; Census: 8365)
Figure 16: Free African American Householders

Philadelphia 1789-1791

Free Households

N (# of people represented by structures) = 132

(Taxpayers: 3176; City Directory: 7125; Census: 8365)
Figure 17: African American Households containing 6 to 15 people

Philadelphia 1789-1791

Free black households containing 6 to 15 people

AME Church

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Background map created by John Hills, 1797, Wheat and Brun no. 453, Library of Congress
Structure and people data from the 1791 city directory, 1790 federal census, and the 1790 state tax list
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Figure 18: Householders in Helltown

Helltown

Household Heads

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Structure and people data from the 1791 city directory, 1790 federal census, and the 1789 state tax list
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