

Spokane's Historical Population:

MAKING THOSE PIVOT TABLES MEANINGFUL

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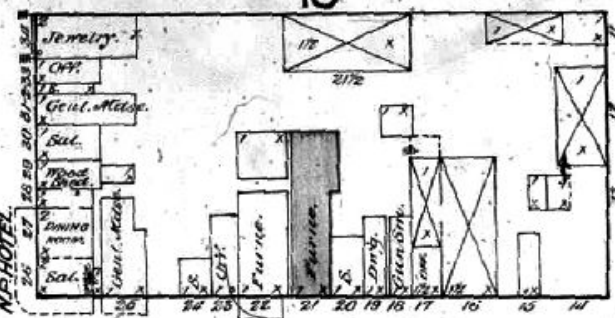
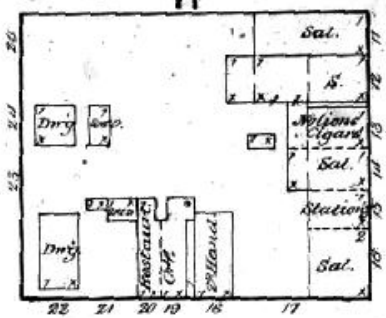
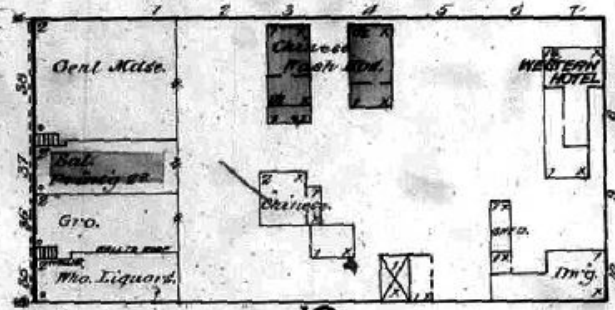
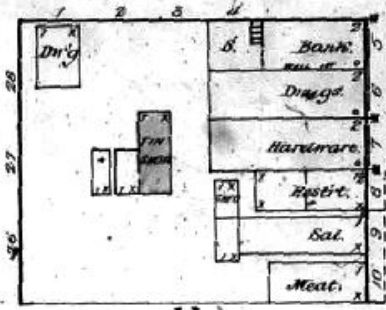
Introduction

- Building off Fort Walla Walla Museum Riverfront Park efforts
- Incorporate Archival Research and Digitization from volunteers
- Expand Spatial Data with Census Records/City Directories
 - Identify Gaps in Records
- Run Basic Population Statistics
- Set Data for Future Population Statistics

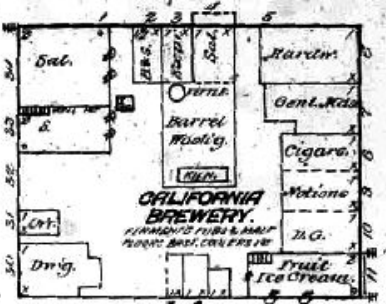
Display Spatially vs Tabular

- Anticipated Audience
 - People with Technical Experience vs the General Public
- Cost of Design
- Small Spaces Make Population Data Less Impactful
- Distribution Lost in Tabular Format

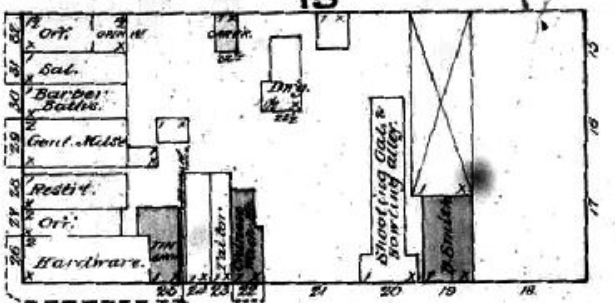
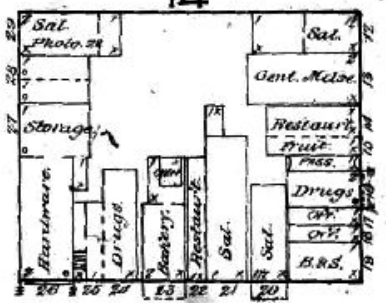
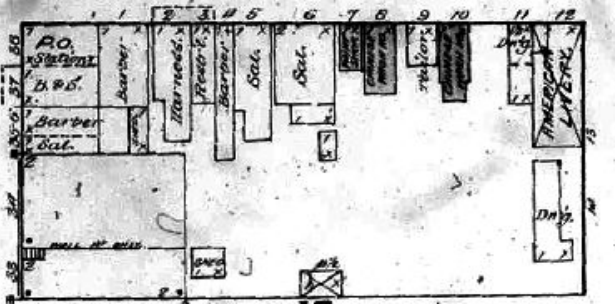
Age	Female	Male	Blank	Grand Total
20	11	19		30
21	7	31	1	39
22	14	43	1	58
23	19	30	1	50
24	13	41		54
25	11	42		53
26	22	34		56
27	20	34		54
28	20	37		57
29	13	37		50
30	22	46	1	69
31	17	39	1	57
32	16	34		50
33	10	22		32
34	13	29	1	43
35	16	54		70
36	16	35	1	52
37	10	34		44
38	12	30		42
39	4	40	1	45
40	10	42	1	53
41	7	39		46
42	6	41		47
43	6	31	2	39
44	4	31		35
45	7	28	1	36
46	8	15		23
47	4	22	1	27
48	5	18		23
49	3	7		10
50	2	20		22
51	2	14	1	17
52	5	19		24
53	3	10	1	14
54	2	7		9
55	5	12		17
56	4	6		10
57	2	5		7
58	3	13		16
59	3	8		11
60	1	7	1	9
61	1	1		2
62	1	4		5
63	3	3		6
64	2	3		5
65	2	6	1	9
66	3	3		6
67		2		2
68	2	2		4
69	1	2		3
70	1	3		4
71	1			1
74	1	2		3
75	1	1		2
76		1		1
78	1			1
Unknown	4	6		10
Grand Total	402	1145	17	1555

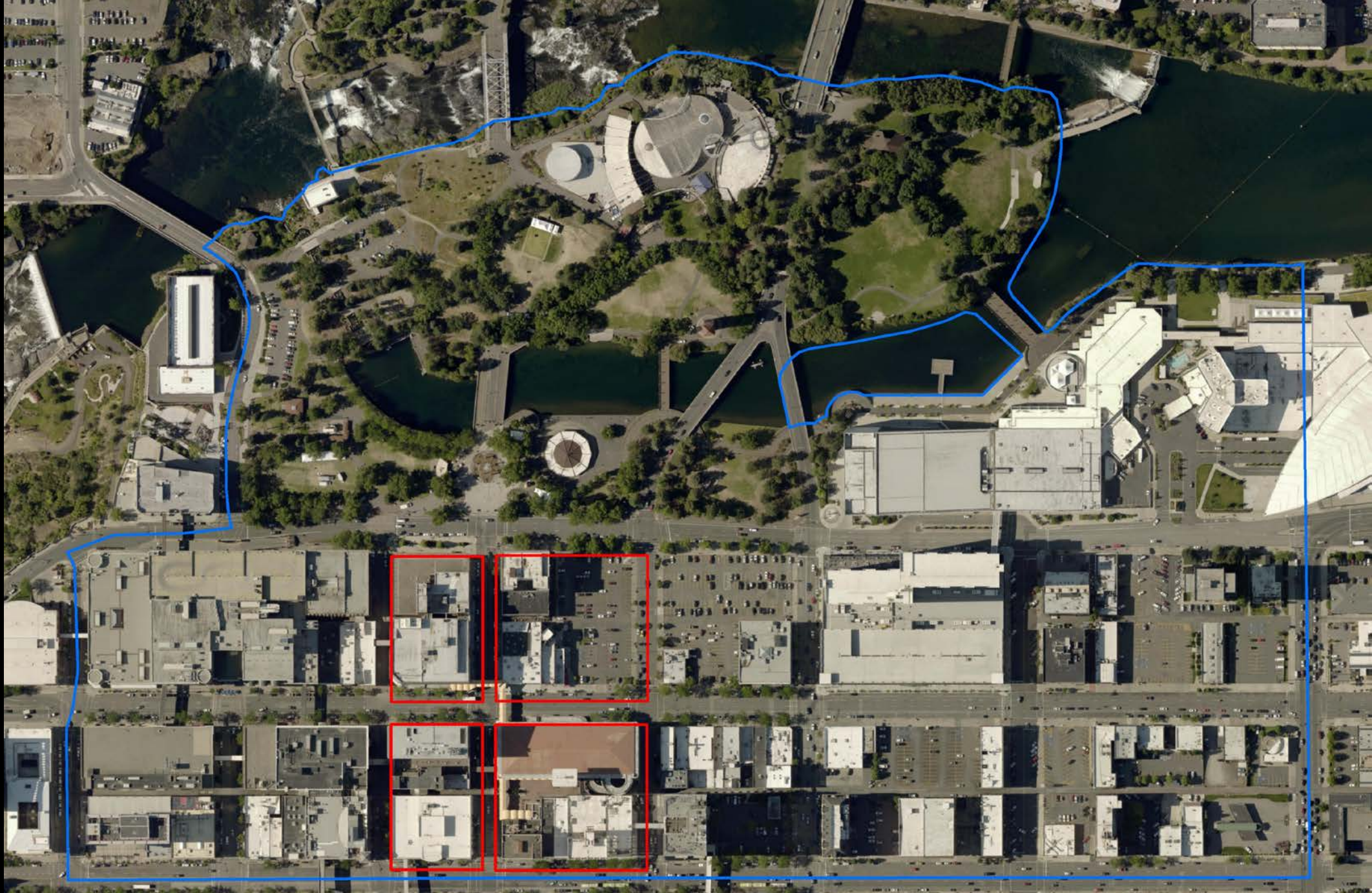


MAIN



HOWARD





Prepare Datasets

- Digitize Buildings, Blocks, etc
 - Based on Sanborns with Dates Closest to Census/City Directory
- Clean Up Population Data
 - Locate Gaps in Data
 - Unify Addresses for Consistency
- Geocode Census Records
 - Street Name Changes
 - Addressing System Changes
 - Modern Addressing Works after 1880s

Combining Datasets

- Link Census/City Directory Data to Spatial Data
- Identify and Fix possible Gaps or Inconsistencies
- Ready for Population Analysis
- Ready Distribution

Line	Street	Dwelling	Family	Surname	Given	Race	Gender	Age	Estimated Birth	Relationship	Marital	Occupation	Birthplace	Fathers	Mothers	
1	Main		1	Gray	C. L.	White	Male		40	1840	Self	Married	Blacksmith	Maine	Maine	Maine
2	Main			Gray	Emma	White	Female		28	1852	Wife	Married	Keeping House	Wisconsin	Maine	Wisconsin
3	Main			Etner	Harry	White	Male		29	1851		Single	Stone Mason	Germany	Germany	Germany
4	Main		2	2 Shannon	Wm.	White	Male		31	1849	Self	Married	Farmer	Indiana	Tennessee	Tennessee
5	Main			Shannon	Sarah V.	White	Female		26	1854		Married	Keeping House	Massachusetts	Massachusetts	Massachusetts
6	Main		3	3 Gauld	Libbie	White	Female		17	1863		Single	Laborer	New York	New York	New York
7	Main			Melder	Minnie	White	Female		15	1865		Single	Laborer	Illinois	Sweden	Maine
8	Main		4	4 Tobias	H. J.	White	Male		40	1840	Self	Married	School Teacher	Canada	Illinois	Illinois
9	Main			Tobias	A. A.	White	Female		23	1857	Wife	Married	Dressmaker	California	Pennsylvania	Wisconsin
10	Main			Tobias	Jesse O.	White	Male		2	1878	Son	Single		California	Canada	California
11	Main			Dulland	J.	White	Male		30	1850		Single	Farm Laborer	Indiana	Indiana	Indiana
12	Main		5	5 Howel	J. W.	White	Male		32	1848	Self	Married	Carpenter	Indiana	North Carolina	South Carolina
13	Main			Alden	Wm.	White	Male		31	1849		Married	Farmer	Pennsylvania	Pennsylvania	Pennsylvania
14	Main		6	Freidurich	F.	White	Male		32	1848		Single	Merchant	Germany	Germany	Germany
15	Main			Berg	S.	White	Male		48	1832		Single	Merchant	Kentucky	Kentucky	Kentucky
16	Main			Mendelson	L.	White	Male		30	1850		Single	Commercial Agent	Germany	Germany	Germany
17	Main			Shaner	B. F.	White	Male		25	1855		Single	Keeping House	Iowa	Pennsylvania	Pennsylvania
18	Main			Green	F. H.	White	Male		22	1858		Single	Farmer	Illinois	Ohio	Ohio
19	Main		7	Percival	H. E.	White	Male		27	1853		Single	Blacksmith	Maine	New Hampshire	Maine
20	Main			Percival	Myron C.	White	Male		26	1854		Single	Keeping House	Maine	New Hampshire	Maine
21	Main			Clark	F. F.	White	Male		24	1856		Single	Keeps Stabel Liver	Maine	Maine	Maine
22	Main			Rickard	S. J.	White	Male		31	1849		Single	Telegraph Operato	England	England	England
23	Main		8	6 Duber	Peter	White	Male		24	1856	Self	Married	Saddle & Harness M	Kentucky	Germany	Germany
24	Main			Duber	Mary	White	Female		24	1856	Wife	Married	Keeping House	California	Maine	Maine
25	Main			Duber	Charley	White	Male		2	1878	Son	Single		California	Maine	California
26	Main			Hyde	S. C.	White	Male		38	1842		Married	Lawyer	New York	Vermont	New York
27	Main		9	Hargrove	R. R.	White	Male		29	1851		Single	Liquor Dealer	New York	New York	New York
28	Main			Hargrove	James L.	White	Male		25	1855		Single	Bartender	New York	New York	New York
29	Main		10	7 Ziegler	Louis	White	Male		41	1839	Self	Married	Hardware Merchan	Germany	Germany	Germany
30	Main			Ziegler	Maggie	White	Female		38	1842	Wife	Married	Keeping House	Ohio	Kentucky	Ohio
31	Main			Ziegler	William	White	Male		16	1864	Son	Single	Hardware Merchan	Illinois	Germany	Ohio
32	Main			Ziegler	Jennie L.	White	Female		15	1865	Daughter	Single		Illinois	Germany	Ohio
33	Main		11	Ellis	Chas.	White	Male		25	1855		Single	Liquor Dealer	Germany	Germany	Germany
34	Main			Morehouse	C. H.	White	Male		26	1854		Single	Keeping Stable	New York	New York	New York
35	Main			Halten	J. M.	White	Male		37	1843		Single	Farmer	Connecticut	New York	New York
36	Main			Campbell	A. R.	White	Male		28	1852		Single	Druggist	Wisconsin	Vermont	New York
37	Main			Wrindell	J. S.	White	Male		27	1853		Single	School Teacher	Indiana	Virginia	Indiana
38	Main		12	8 Winslow	E. H.	White	Male		28	1852	Self	Married	Carpenter	New York	New York	England
39	Main			Winslow	Ella	White	Female		26	1854	Wife	Married	Keeping House	New York	England	England
40	Main		13	9 Wilson	Charles	White	Male		32	1848	Self	Married	Butcher	New York	New York	New York
41	Main			Wilson	Jennie	White	Female		24	1856	Wife	Married	Hotel Keeper	Virginia	Virginia	Virginia
42	Main			Wilson	Frank	White	Male		4	1876	Son	Single		Oregon	New York	Virginia
43	Main			Wilson	Nellie	White	Female		2	1878	Daughter	Single		Oregon	New York	Virginia
44	Main			Wilson	Charles	White	Male		1	1879	Son	Single		Oregon	New York	Virginia
45	Main			Jordan	Frank	White	Male		32	1848		Single		Illinois	Illinois	Illinois
46	Main			Cooper	Rilla	White	Female		19	1861		Single	Laborer	Iowa	Ohio	Ohio
47	Main			Morgan	J. M.	White	Male		42	1838		Single	Laborer	Ohio	Vermont	Vermont
48	Main			Sturgeon	E.	White	Male		40	1840		Single	MD Physician	Pennsylvania	Pennsylvania	Pennsylvania
49	Main		14	10 Gilbert	W. J.	White	Male		46	1834	Self	Married	Painter	Ohio	Vermont	Vermont
50	Main			Gilbert	Margret E.	White	Female		26	1854	Wife	Married	Keeping House	Illinois	Maryland	Indiana

1880 Census Issues

- Lack of Address
- Can still Perform Basic Statistics
 - 30 Boarders Along Main
 - Expected Population of Railroad Workers
- Collection Notes or Additional Archival Research will Fix Addresses

1900 Census Issues

- Enumeration District 62 Missing Addresses
 - In some cases even street names
- Enumerator biases

1920 Census Issues

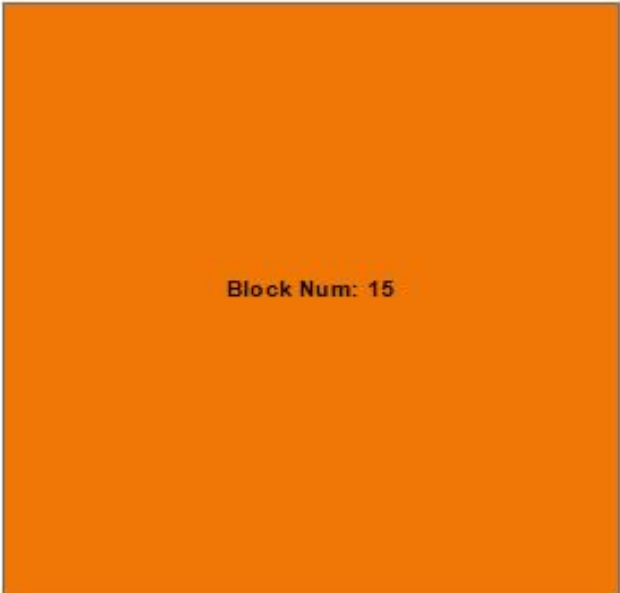
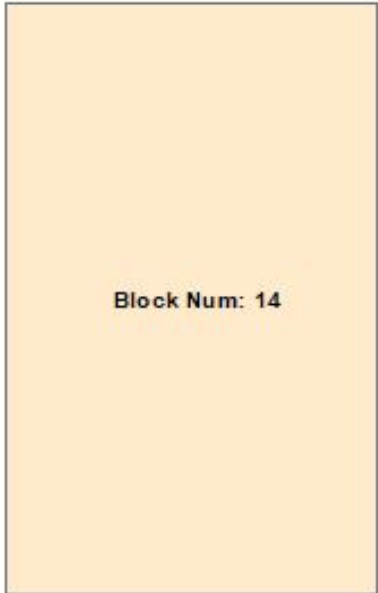
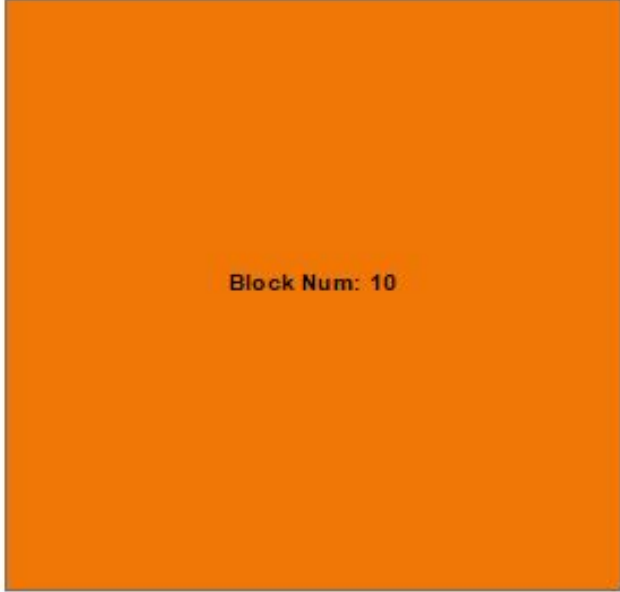
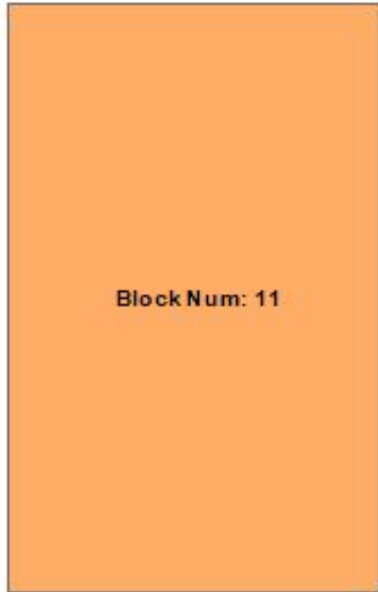
- Really good data
- Includes apartment numbers

Block Num: 11
Min Age: 21
Max Age: 43
Avg Age: 32

Block Num: 10
Min Age: 20
Max Age: 51
Avg Age: 38

Block Num: 14
Min Age: 22
Max Age: 64
Avg Age: 40

Block Num: 15
Min Age: 25
Max Age: 45
Avg Age: 34



Block Num: 11



Block Num: 10



Block Num: 14



Block Num: 15



ForeignBorn



USBorn

Conclusion

- 1880 House Number Reconciliation
- Gaps in Enumeration District 2 for 1900
- City Directory Data needs to be incorporated
- Integration with existing historical assessment from Riverfront Park

Special Thanks

- Nikki Hart-Brinkley
- Fort Walla Walla Museum
- Patricia Hackett Nicola