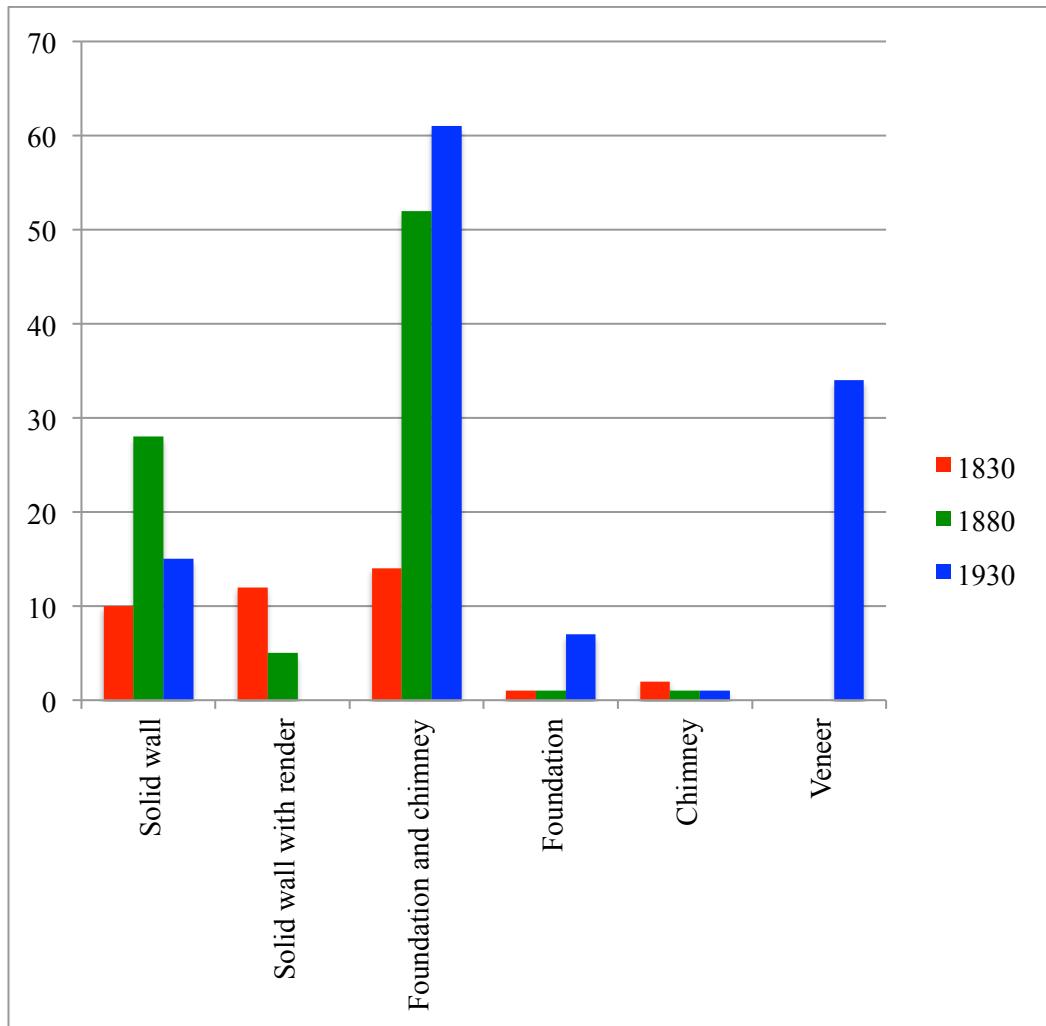


C7: Chart of the frequency of mortar samples collected from each building type in the study area.

Building Category	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Single-family residential	24	50	58	61.5	57.5	49.2
Multi-family residential	7	11	14	17.9	12.6	11.9
Rental residential	2	5	11	5.1	5.7	9.3
Private civic	2	10	12	5.1	11.5	10.2
Public civic	-	2	13	0.0	2.3	11.0
Commercial	4	9	10	10.3	10.3	8.5
Total	39	87	118	100.0	100.0	100.0

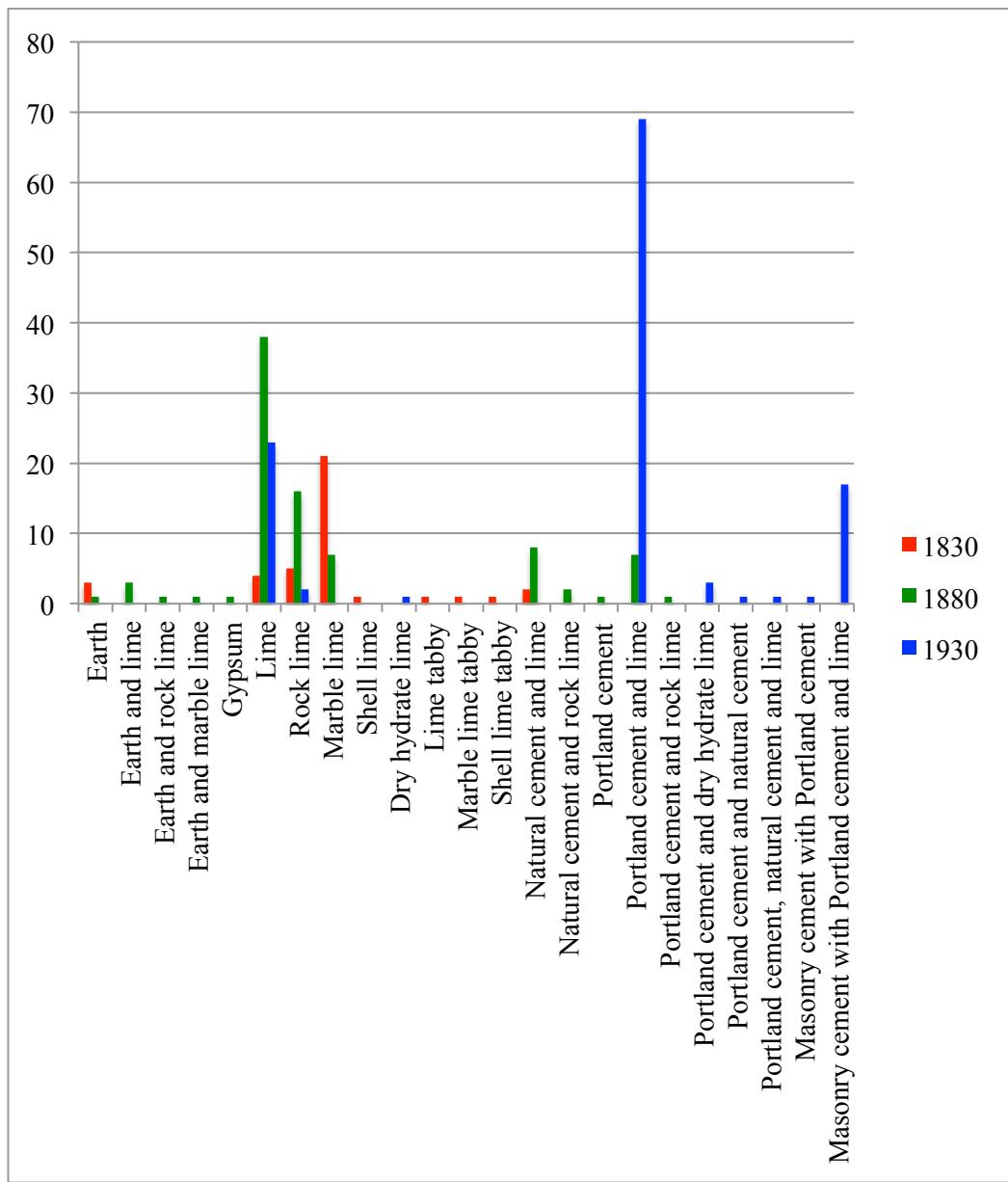
C8: Table of the frequency and relative percentage of mortar samples collected from each building type in the study area.



C9: Chart of the frequency of mortar samples collected from buildings of each construction type in the study area.

Type of Construction	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Solid wall	10	28	15	33.3	49.1	19.5
Solid wall with render	12	5	-	40.0	8.8	0.0
Foundation and chimney	14	52	61	46.7	91.2	79.2
Foundation	1	1	7	3.3	1.8	9.1
Chimney	2	1	1	6.7	1.8	1.3
Veneer	-	-	34	0.0	0.0	44.2
Total	39	87	118	130.0	152.6	153.2

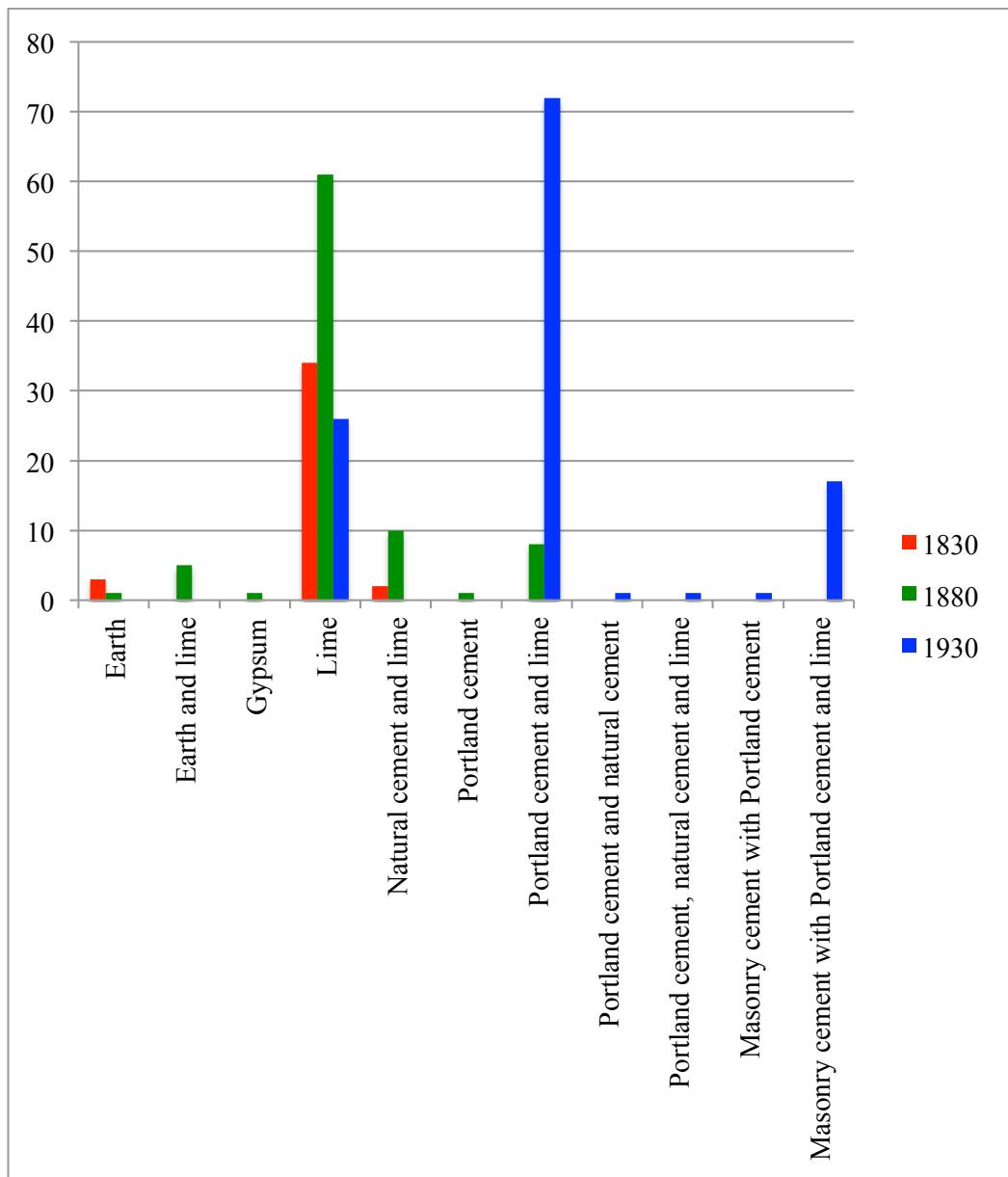
C10: Table of the frequency and relative percentage of mortar samples collected from buildings of each construction type in the study area.



C11: Chart of the frequency of mortar samples with each binder type collected in the study area - Detailed.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	3	1	-	7.7	1.1	0.0
Earth and lime	-	3	-	0.0	3.4	0.0
Earth and rock lime	-	1	-	0.0	1.1	0.0
Earth and marble lime	-	1	-	0.0	1.1	0.0
Gypsum	-	1	-	0.0	1.1	0.0
Lime	4	38	23	10.3	43.7	19.5
Rock lime	5	16	2	12.8	18.4	1.7
Marble lime	21	7	-	53.8	8.0	0.0
Shell lime	1	-	-	2.6	0.0	0.0
Dry hydrate lime	-	-	1	0.0	0.0	0.8
Lime tabby	1	-	-	2.6	0.0	0.0
Marble lime tabby	1	-	-	2.6	0.0	0.0
Shell lime tabby	1	-	-	2.6	0.0	0.0
Natural cement and lime	2	8	-	5.1	9.2	0.0
Natural cement and rock lime	-	2	-	0.0	2.3	0.0
Portland cement	-	1	-	0.0	1.1	0.0
Portland cement and lime	-	7	69	0.0	8.0	58.5
Portland cement and rock lime	-	1	-	0.0	1.1	0.0
Portland cement and dry hydrate lime	-	-	3	0.0	0.0	2.5
Portland cement and natural cement	-	-	1	0.0	0.0	0.8
Portland cement, natural cement and lime	-	-	1	0.0	0.0	0.8
Masonry cement with Portland cement	-	-	1	0.0	0.0	0.8
Masonry cement with Portland cement and lime	-	-	17	0.0	0.0	14.4
Total	39	87	118	100.0	100.0	100.0

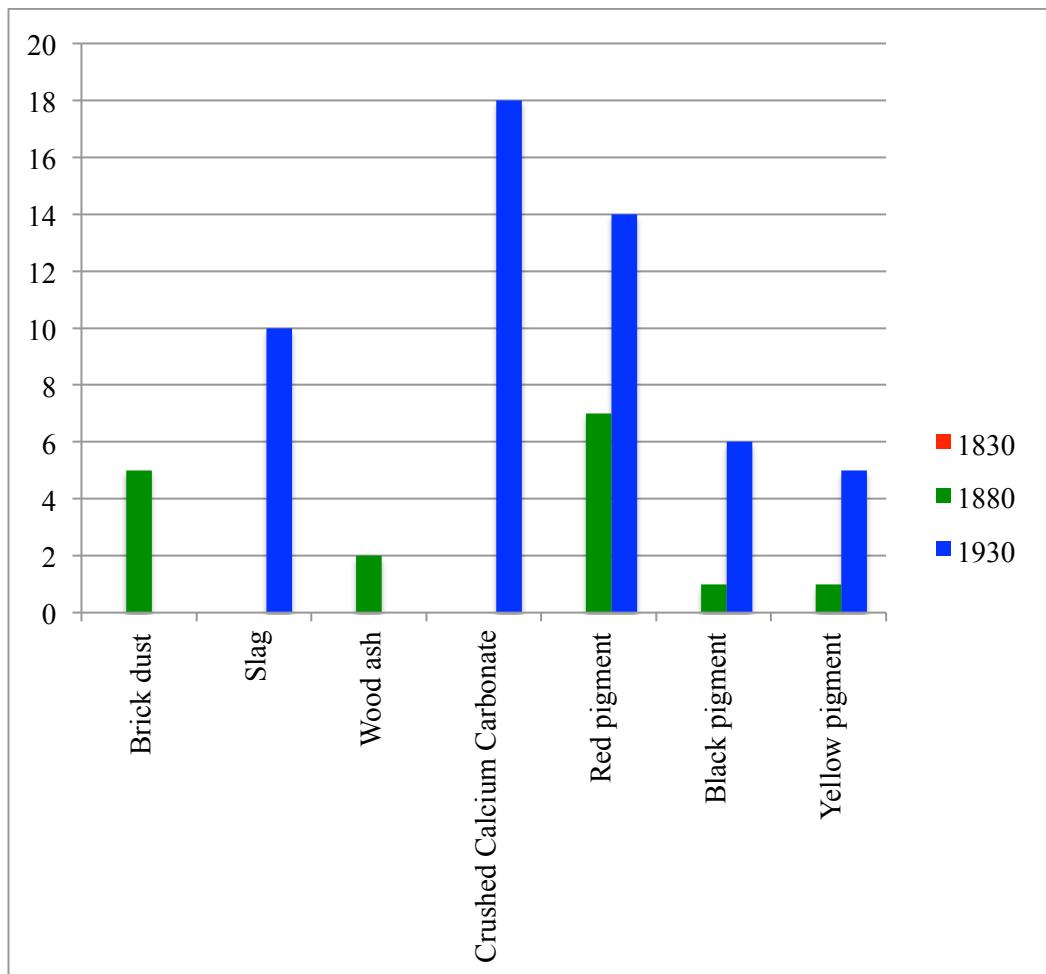
C12: Table of the frequency and relative percentage of mortar samples with each binder type collected in the study area - Detailed.



C13: Chart of the frequency of mortar samples with each binder type collected in the study area - Summary.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	3	1	-	7.7	1.1	0.0
Earth and lime	-	5	-	0.0	5.7	0.0
Gypsum	-	1	-	0.0	1.1	0.0
Lime	34	61	26	87.2	70.1	22.0
Natural cement and lime	2	10	-	5.1	11.5	0.0
Portland cement	-	1	-	0.0	1.1	0.0
Portland cement and lime	-	8	72	0.0	9.2	61.0
Portland cement and natural cement	-	-	1	0.0	0.0	0.8
Portland cement, natural cement and lime	-	-	1	0.0	0.0	0.8
Masonry cement with Portland cement	-	-	1	0.0	0.0	0.8
Masonry cement with Portland cement and lime	-	-	17	0.0	0.0	14.4
Total	39	87	118	100.0	100.0	100.0

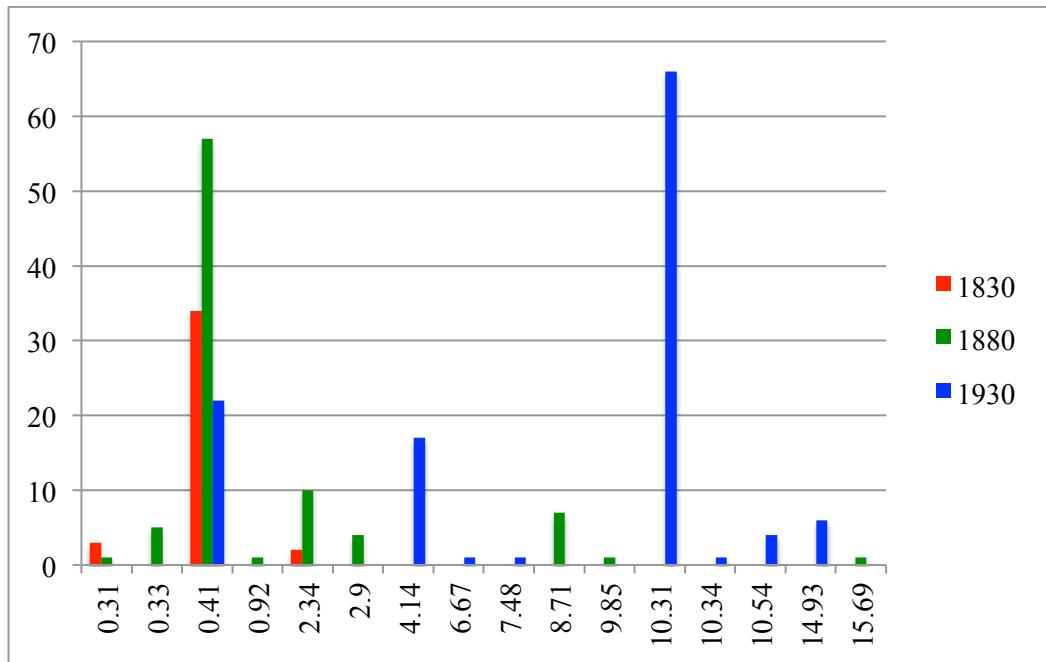
C14: Table of the frequency and relative percentage of mortar samples with each binder type collected in the study area - Summary.



C15: Chart of the frequency of mortar samples with each additive collected in the study area.

Additives	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Brick dust	-	5	-	0.0	31.3	0.0
Slag	-	-	10	0.0	0.0	18.9
Wood ash	-	2	-	0.0	12.5	0.0
Crushed Calcium Carbonate	-	-	18	0.0	0.0	34.0
Red pigment	-	7	14	0.0	43.8	26.4
Black pigment	-	1	6	0.0	6.3	11.3
Yellow pigment	-	1	5	0.0	6.3	9.4
Total	0	16	53	0.0	100.0	100.0

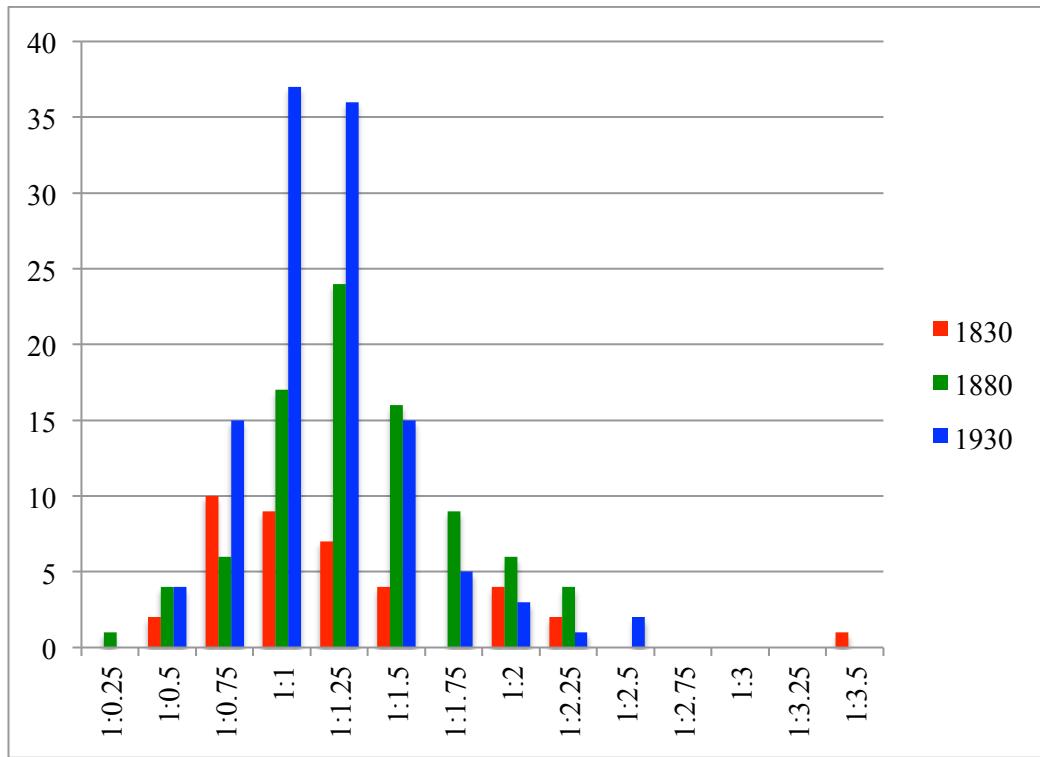
C16: Table of the frequency and relative percentage of mortar samples with each additive collected in the study area.



C17: Chart of the frequency of each estimated compressive strength for mortar samples collected in the study area.

Estimated Compressive Strength (Mpa)	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
0.31	3	1	-	7.7	1.1	0.0
0.33	-	5	-	0.0	5.7	0.0
0.41	34	57	22	87.2	65.5	18.6
0.92	-	1	-	0.0	1.1	0.0
2.34	2	10	-	5.1	11.5	0.0
2.9	-	4	-	0.0	4.6	0.0
4.14	-	-	17	0.0	0.0	14.4
6.67	-	-	1	0.0	0.0	0.8
7.48	-	-	1	0.0	0.0	0.8
8.71	-	7	-	0.0	8.0	0.0
9.85	-	1	-	0.0	1.1	0.0
10.31	-	-	66	0.0	0.0	55.9
10.34	-	-	1	0.0	0.0	0.8
10.54	-	-	4	0.0	0.0	3.4
14.93	-	-	6	0.0	0.0	5.1
15.69	-	1	-	0.0	1.1	0.0
Total	39	87	118	100.0	100.0	100.0

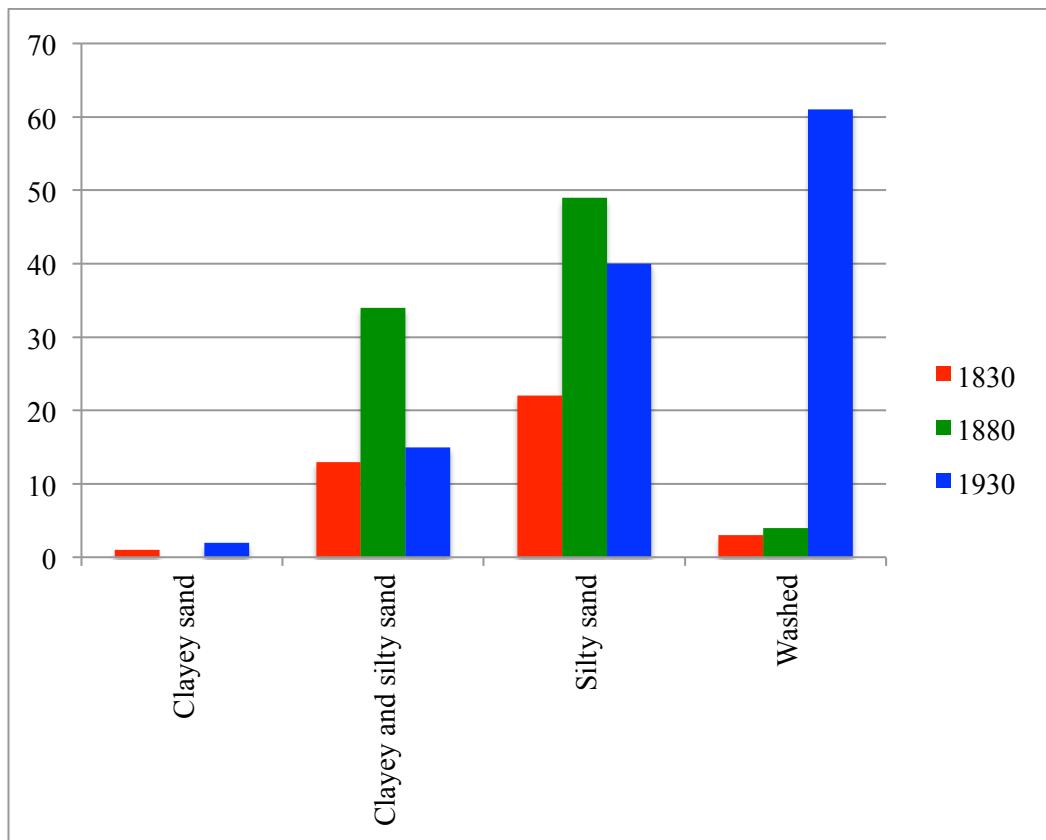
C18: Table of the frequency and relative percentage of each estimated compressive strength for mortar samples collected in the study area.



C19: Chart of the frequency of each of the approximate binder to aggregate ratios for mortar samples collected in the study area.

Binder to aggregate ratio	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1:0.25	-	1	-	0.0	1.1	0.0
1:0.5	2	4	4	5.1	4.6	3.4
1:0.75	10	6	15	25.6	6.9	12.7
1:1	9	17	37	23.1	19.5	31.4
1:1.25	7	24	36	17.9	27.6	30.5
1:1.5	4	16	15	10.3	18.4	12.7
1:1.75	-	9	5	0.0	10.3	4.2
1:2	4	6	3	10.3	6.9	2.5
1:2.25	2	4	1	5.1	4.6	0.8
1:2.5	-	-	2	0.0	0.0	1.7
1:2.75	-	-	-	0.0	0.0	0.0
1:3	-	-	-	0.0	0.0	0.0
1:3.25	-	-	-	0.0	0.0	0.0
1:3.5	1	-	-	2.6	0.0	0.0
Total	39	87	118	100.0	100.0	100.0

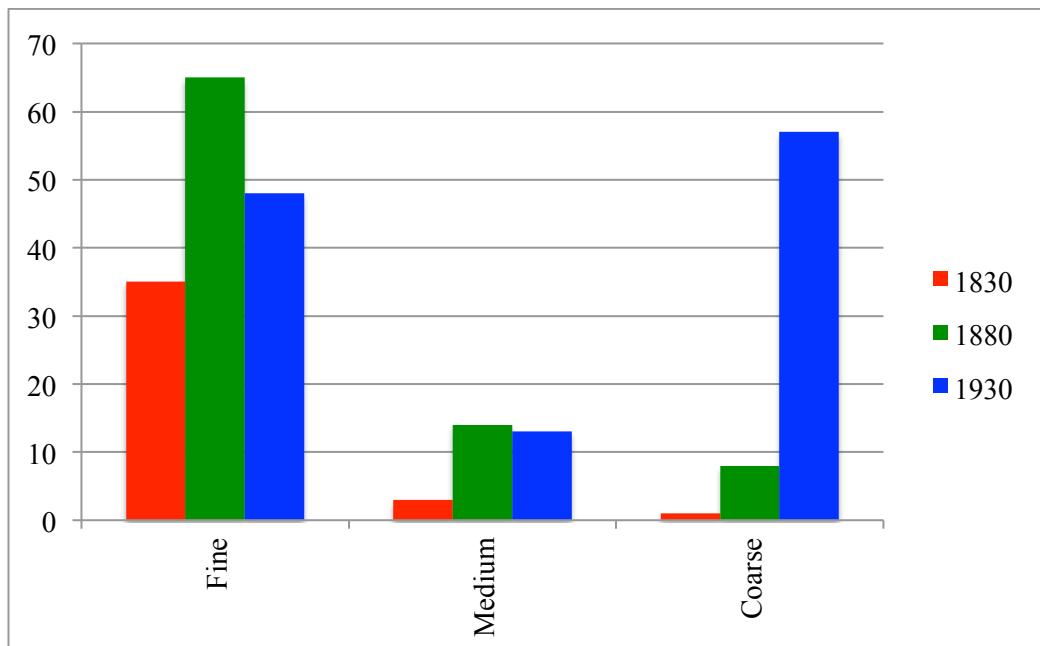
C20: Table of the frequency and relative percentage of each of the approximate binder to aggregate ratios for mortar samples collected in the study area.



C21: Chart of the frequency of each of the aggregate preparation descriptions for mortar samples collected in the study area.

Aggregate Preparation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Clayey sand	1	-	2	2.6	0.0	1.7
Clayey and silty sand	13	34	15	33.3	39.1	12.7
Silty sand	22	49	40	56.4	56.3	33.9
Washed	3	4	61	7.7	4.6	51.7
Total	38	87	116	97.4	100.0	98.3

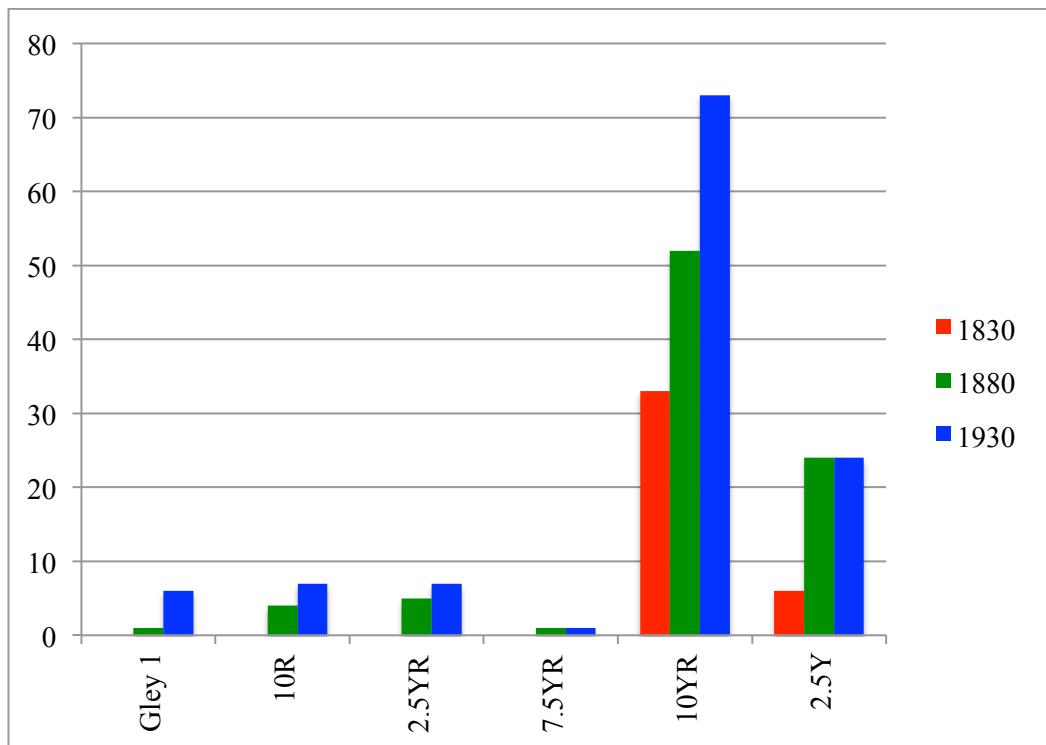
C22: Table of the frequency and relative percentage of each of the aggregate preparation descriptions for mortar samples collected in the study area.



C23: Chart of the frequency of each of the aggregate gradation descriptions for mortar samples collected in the study area.

Aggregate Gradation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Fine	35	65	48	89.7	74.7	40.7
Medium	3	14	13	7.7	16.1	11.0
Coarse	1	8	57	2.6	9.2	48.3
Total	39	87	118	100.0	100.0	100.0

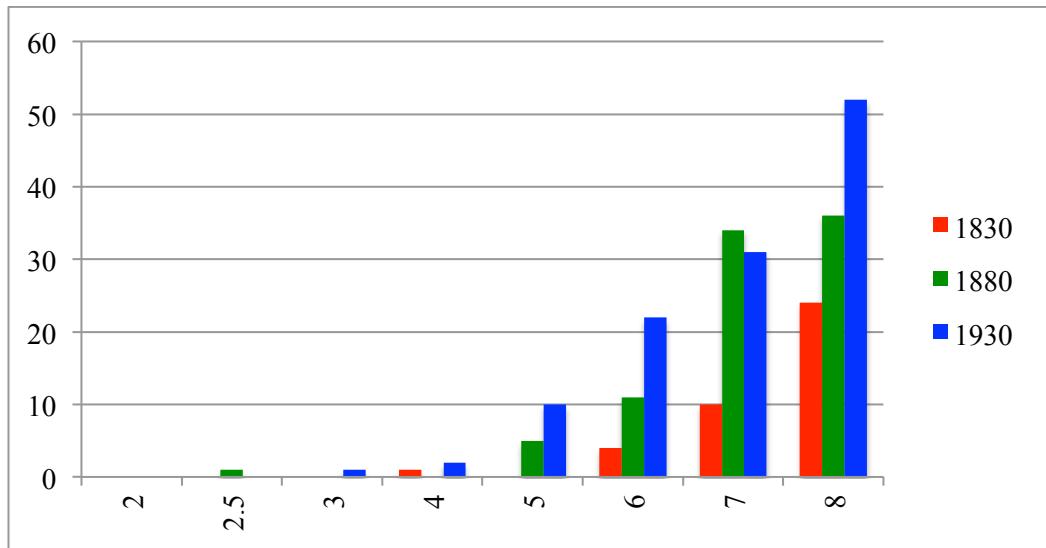
C24: Table of the frequency and relative percentage of each of the aggregate gradation descriptions for mortar samples collected in the study area.



C25: Chart of the frequency of each of the Munsell Soil Color hues of mortar samples collected in the study area.

Munsell Soil Color Hue	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Gley 1	-	1	6	0.0	1.1	5.1
10R	-	4	7	0.0	4.6	5.9
2.5YR	-	5	7	0.0	5.7	5.9
7.5YR	-	1	1	0.0	1.1	0.8
10YR	33	52	73	84.6	59.8	61.9
2.5Y	6	24	24	15.4	27.6	20.3
Total	39	87	118	100.0	100.0	100.0

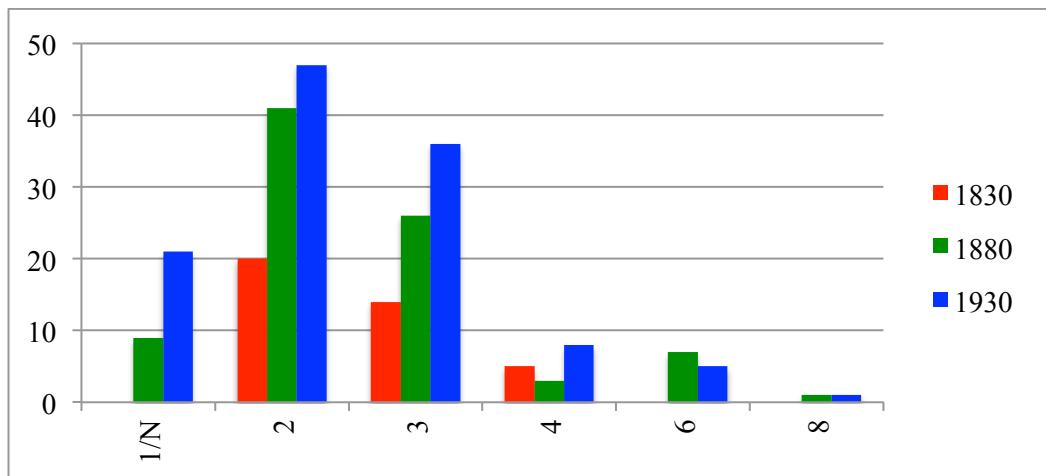
C26: Table of the frequency and relative percentage of each of the Munsell Soil Color hues of mortar samples collected in the study area.



C27: Chart of the frequency of each of the Munsell Soil Color values of mortar samples collected in the study area.

Munsell Soil Color Value	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
2	-	-	-	0.0	0.0	0.0
2.5	-	1	-	0.0	1.1	0.0
3	-	-	1	0.0	0.0	0.8
4	1	-	2	2.6	0.0	1.7
5	-	5	10	0.0	5.7	8.5
6	4	11	22	10.3	12.6	18.6
7	10	34	31	25.6	39.1	26.3
8	24	36	52	61.5	41.4	44.1
Total	39	87	118	100.0	100.0	100.0

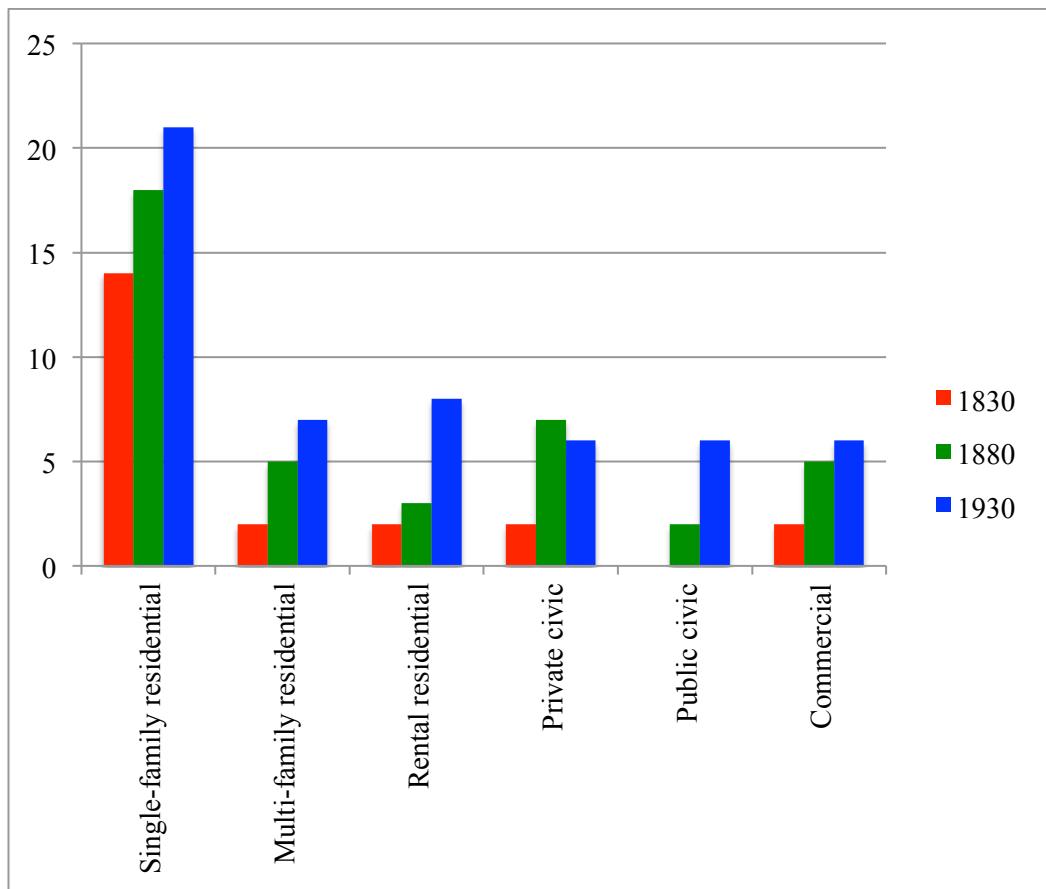
C28: Table of the frequency and relative percentage of each of the Munsell Soil Color values of mortar samples collected in the study area.



C29: Chart of the frequency of each of the Munsell Soil Color chromas of mortar samples collected in the study area.

Munsell Soil Color Chroma	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1/N	-	9	21	0.0	10.3	17.8
2	20	41	47	51.3	47.1	39.8
3	14	26	36	35.9	29.9	30.5
4	5	3	8	12.8	3.4	6.8
6	-	7	5	0.0	8.0	4.2
8	-	1	1	0.0	1.1	0.8
Total	39	87	118	100.0	100.0	100.0

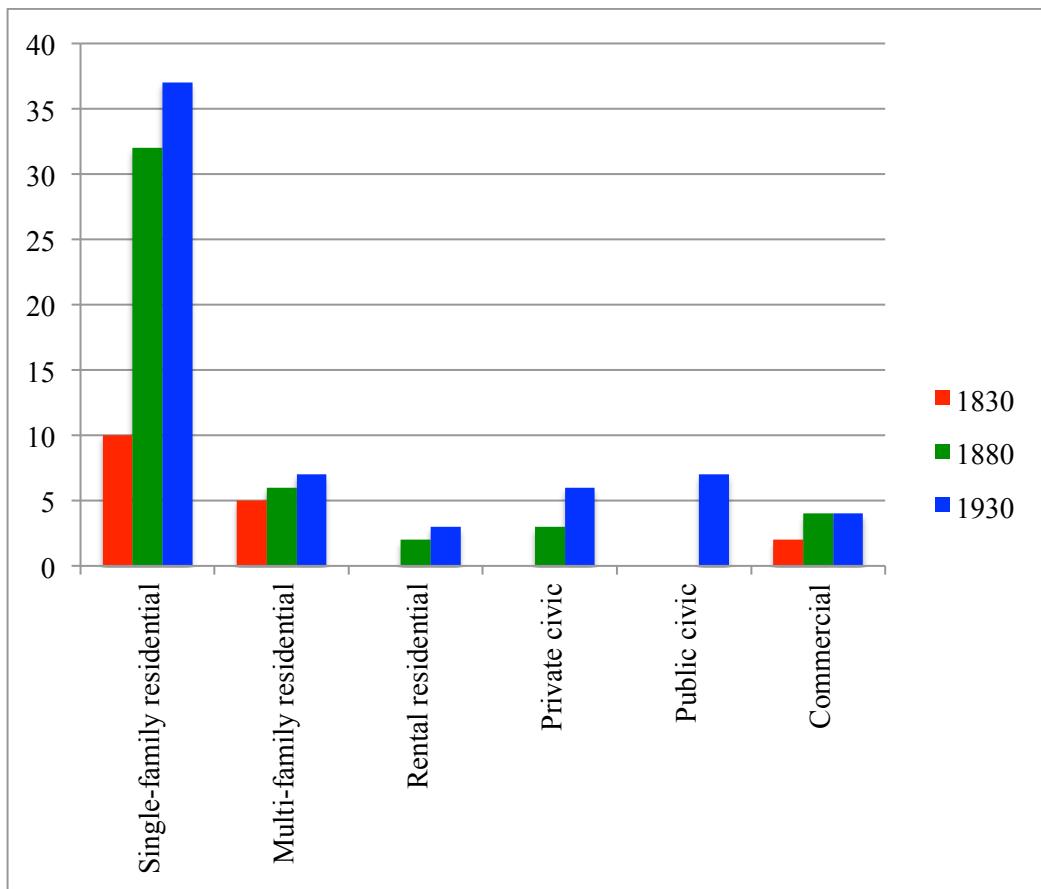
C30: Table of the frequency and relative percentage of each of the Munsell Soil Color chromas of mortar samples collected in the study area.



C31: Chart of the frequency of mortar samples collected from each building type in an urban environment.

Building Category	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Single-family residential	14	18	21	63.6	45.0	38.9
Multi-family residential	2	5	7	9.1	12.5	13.0
Rental residential	2	3	8	9.1	7.5	14.8
Private civic	2	7	6	9.1	17.5	11.1
Public civic	-	2	6	0.0	5.0	11.1
Commercial	2	5	6	9.1	12.5	11.1
Total	22	40	54	100.0	100.0	100.0

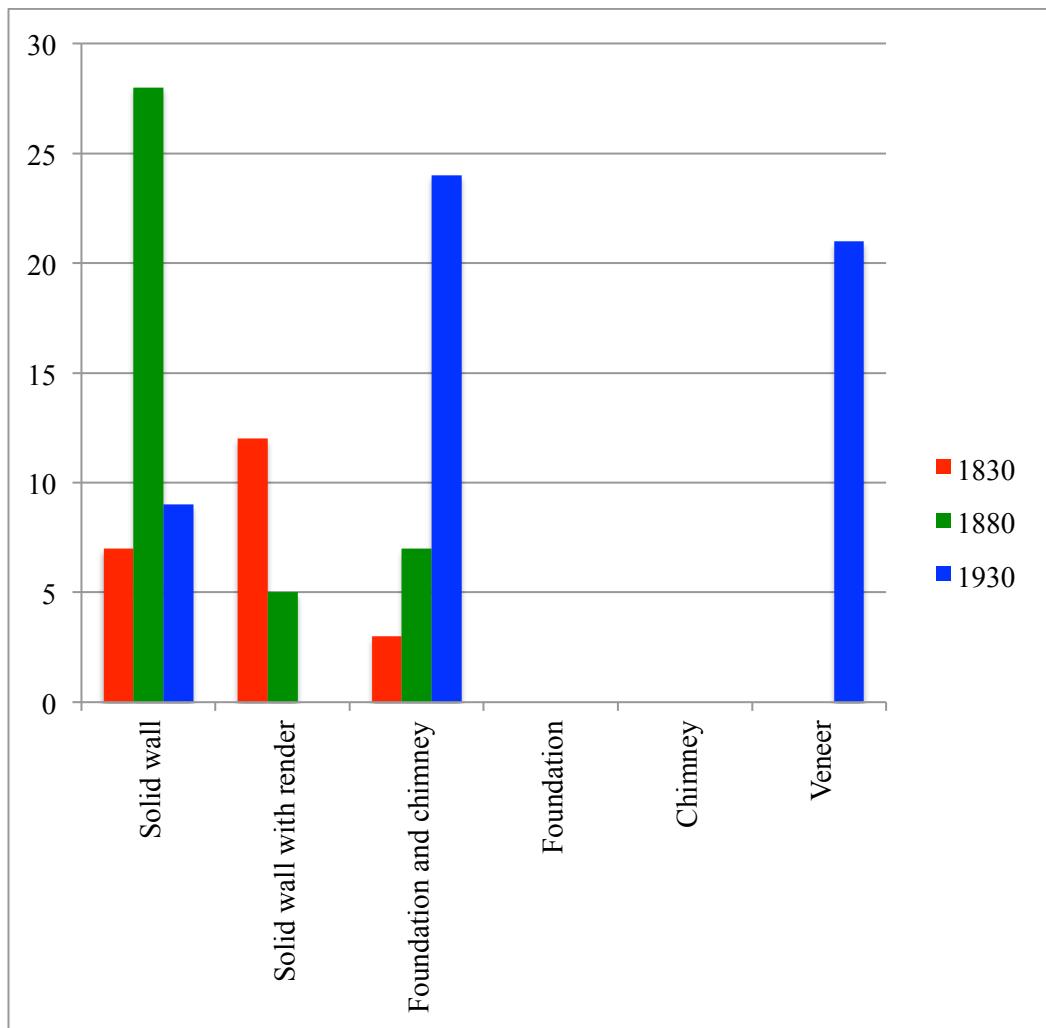
C32: Table of the frequency and relative percentage of mortar samples collected from each building type in an urban environment.



C33: Chart of the frequency of mortar samples collected from each building type in a rural environment.

Building Category	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Single-family residential	10	32	37	58.8	68.1	57.8
Multi-family residential	5	6	7	29.4	12.8	10.9
Rental residential	-	2	3	0.0	4.3	4.7
Private civic	-	3	6	0.0	6.4	9.4
Public civic	-	-	7	0.0	0.0	10.9
Commercial	2	4	4	11.8	8.5	6.3
Total	17	47	64	100.0	100.0	100.0

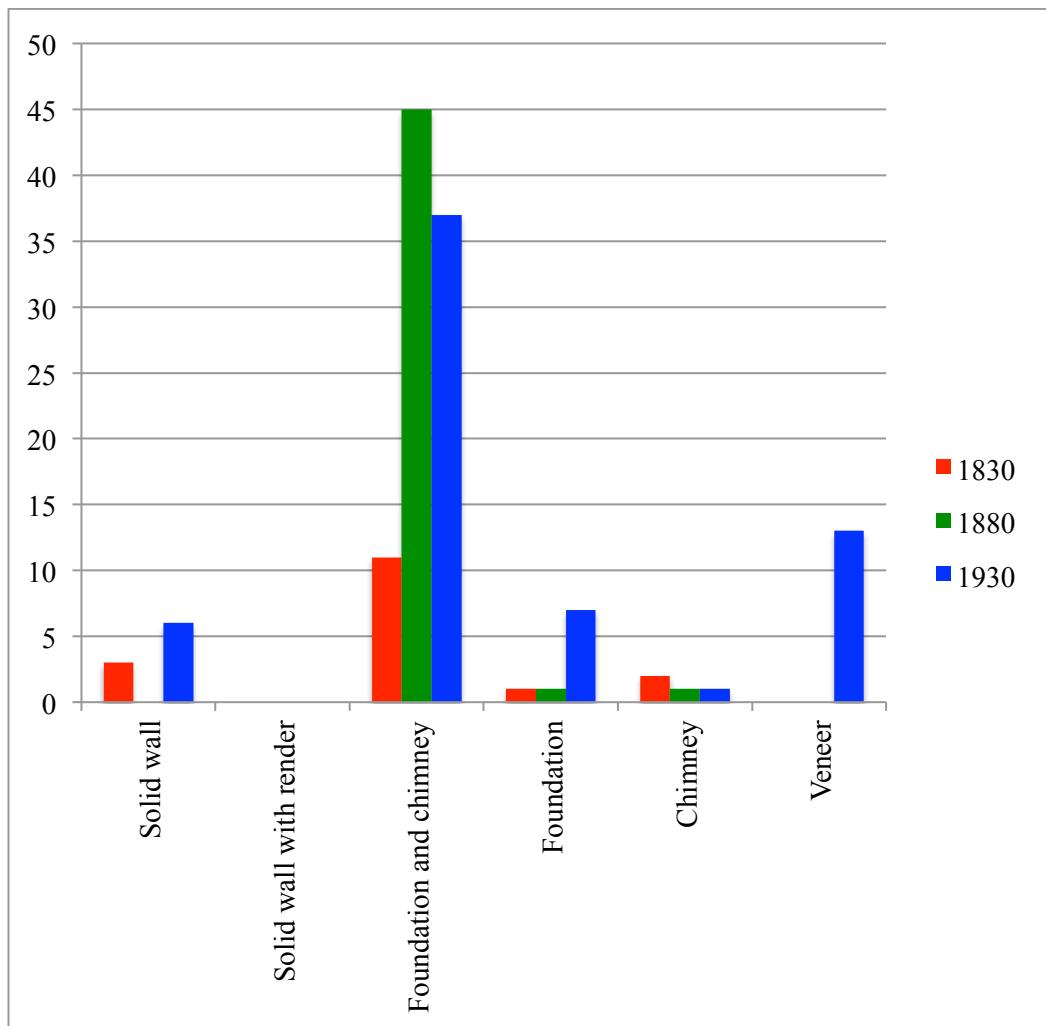
C34: Table of the frequency and relative percentage of mortar samples collected from each building type in a rural environment.



C35: Chart of the frequency of mortar samples collected from buildings of each construction type in an urban environment.

Type of Construction	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Solid wall	7	28	9	31.8	70.0	16.7
Solid wall with render	12	5	-	54.5	12.5	0.0
Foundation and chimney	3	7	24	13.6	17.5	44.4
Foundation	-	-	-	0.0	0.0	0.0
Chimney	-	-	-	0.0	0.0	0.0
Veneer	-	-	21	0.0	0.0	38.9
Total	22	40	54	100.0	100.0	100.0

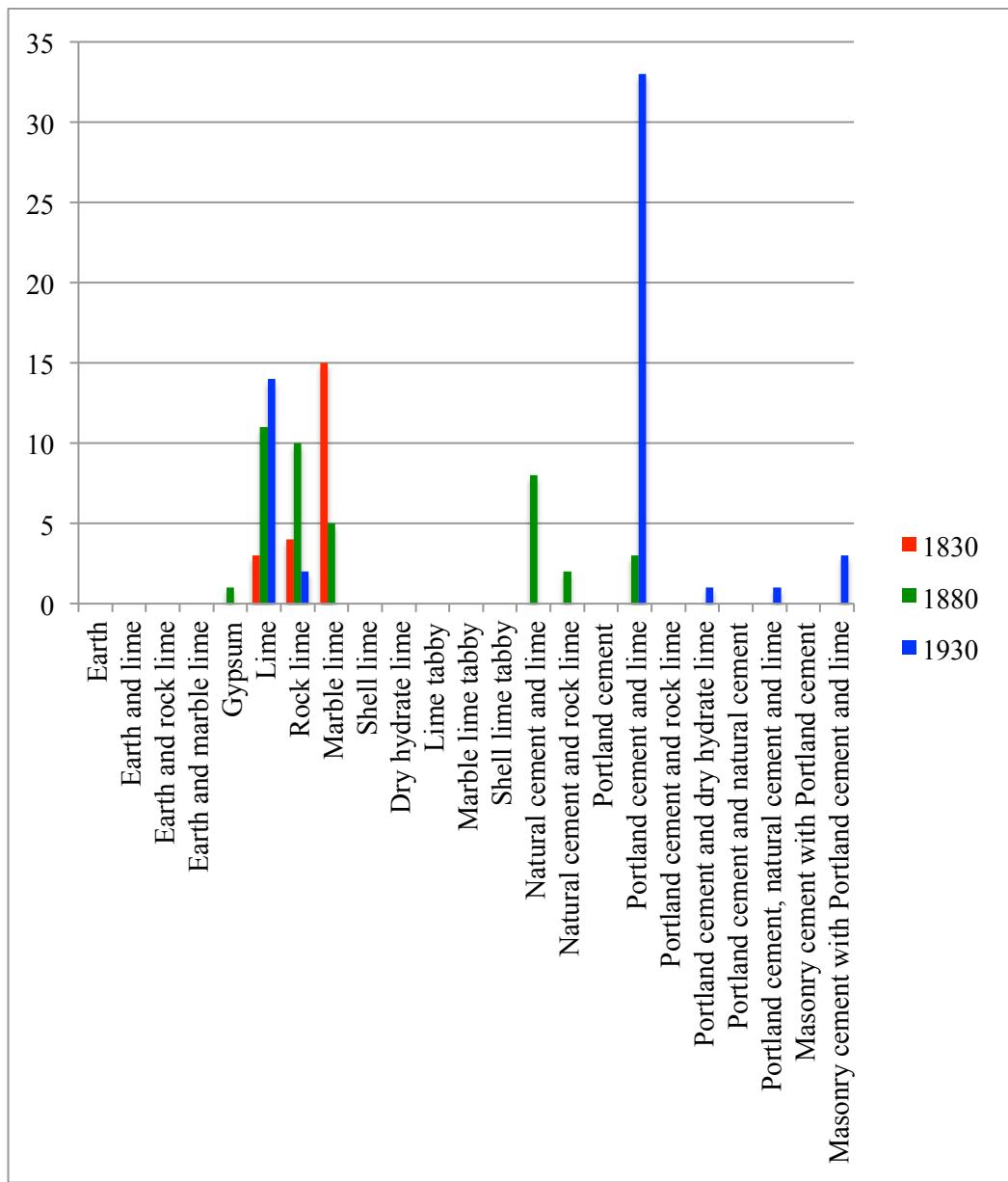
C36: Table of the frequency and relative percentage of mortar samples collected from buildings of each construction type in an urban environment.



C37: Chart of the frequency of mortar samples collected from buildings of each construction type in a rural environment.

Type of Construction	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Solid wall	3	-	6	17.6	0.0	9.4
Solid wall with render	-	-	-	0.0	0.0	0.0
Foundation and chimney	11	45	37	64.7	95.7	57.8
Foundation	1	1	7	5.9	2.1	10.9
Chimney	2	1	1	11.8	2.1	1.6
Veneer	-	-	13	0.0	0.0	20.3
Total	17	47	64	100.0	100.0	100.0

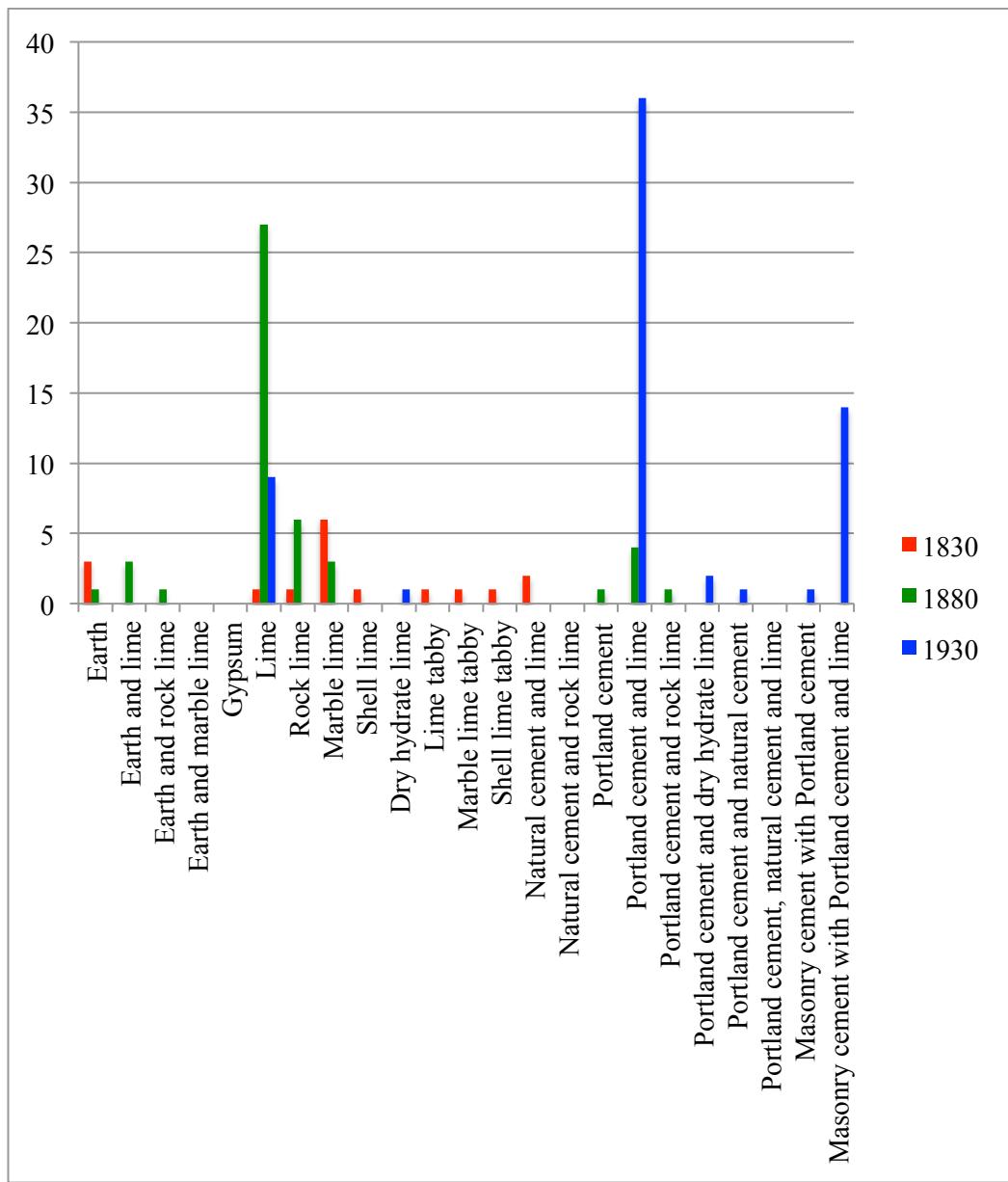
C38: Table of the frequency and relative percentage of mortar samples collected from buildings of each construction type in a rural environment.



C39: Chart of the frequency of mortar samples with each binder type collected in an urban environment - Detailed.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	-	-	-	0.0	0.0	0.0
Earth and lime	-	-	-	0.0	0.0	0.0
Earth and rock lime	-	-	-	0.0	0.0	0.0
Earth and marble lime	-	-	-	0.0	0.0	0.0
Gypsum	-	1	-	0.0	2.5	0.0
Lime	3	11	14	13.6	27.5	25.9
Rock lime	4	10	2	18.2	25.0	3.7
Marble lime	15	5	-	68.2	12.5	0.0
Shell lime	-	-	-	0.0	0.0	0.0
Dry hydrate lime	-	-	-	0.0	0.0	0.0
Lime tabby	-	-	-	0.0	0.0	0.0
Marble lime tabby	-	-	-	0.0	0.0	0.0
Shell lime tabby	-	-	-	0.0	0.0	0.0
Natural cement and lime	-	8	-	0.0	20.0	0.0
Natural cement and rock lime	-	2	-	0.0	5.0	0.0
Portland cement	-	-	-	0.0	0.0	0.0
Portland cement and lime	-	3	33	0.0	7.5	61.1
Portland cement and rock lime	-	-	-	0.0	0.0	0.0
Portland cement and dry hydrate lime	-	-	1	0.0	0.0	1.9
Portland cement and natural cement	-	-	-	0.0	0.0	0.0
Portland cement, natural cement and lime	-	-	1	0.0	0.0	1.9
Masonry cement with Portland cement	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement and lime	-	-	3	0.0	0.0	5.6
Total	22	40	54	100.0	100.0	100.0

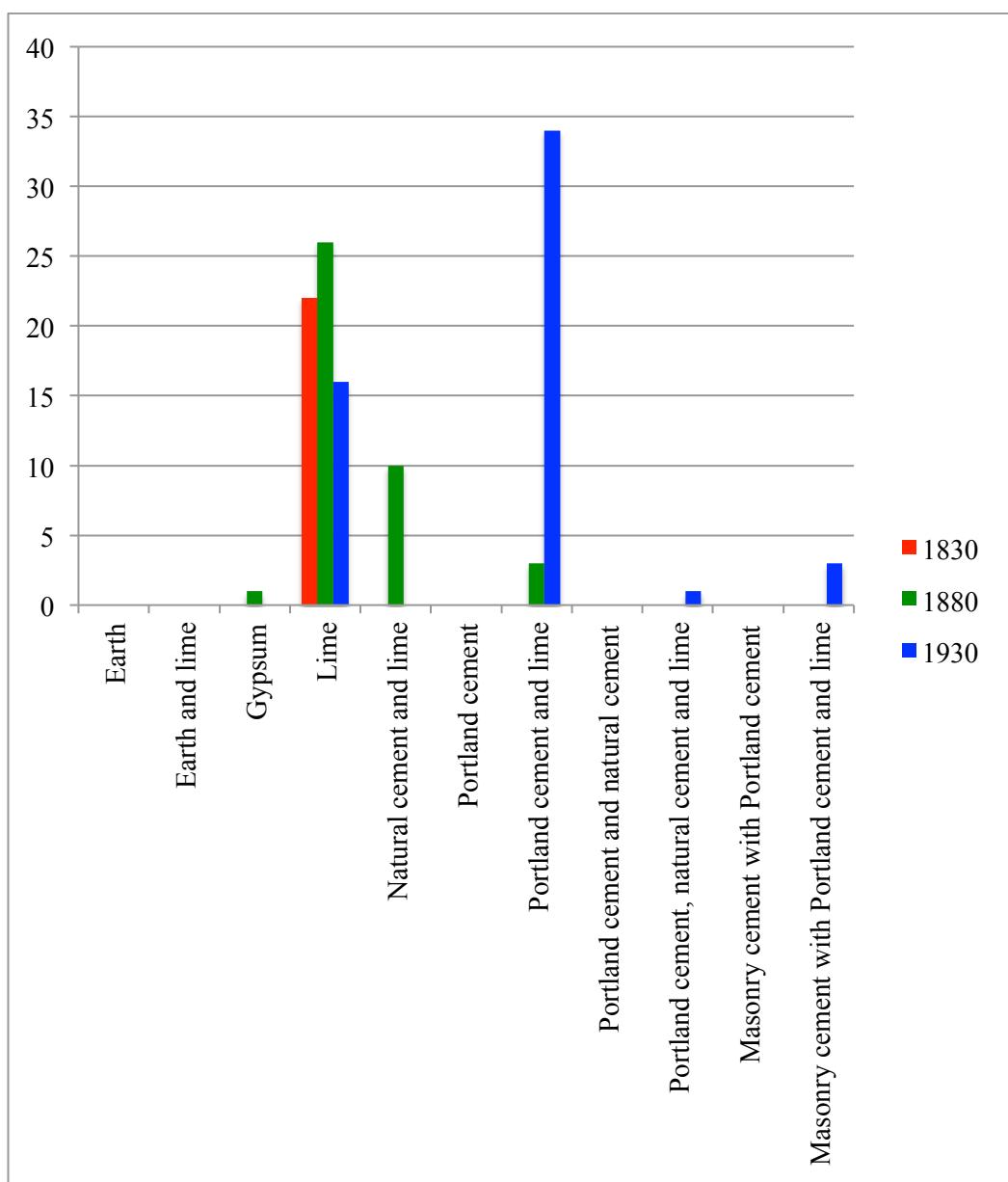
C40: Table of the frequency and relative percentage of mortar samples with each binder type collected in an urban environment - Detailed.



C41: Chart of the frequency of mortar samples with each binder type collected in a rural environment - Detailed.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	3	1	-	17.6	2.1	0.0
Earth and lime	-	3	-	0.0	6.4	0.0
Earth and rock lime	-	1	-	0.0	2.1	0.0
Earth and marble lime	-	-	-	0.0	0.0	0.0
Gypsum	-	-	-	0.0	0.0	0.0
Lime	1	27	9	5.9	57.4	14.1
Rock lime	1	6	-	5.9	12.8	0.0
Marble lime	6	3	-	35.3	6.4	0.0
Shell lime	1	-	-	5.9	0.0	0.0
Dry hydrate lime	-	-	1	0.0	0.0	1.6
Lime tabby	1	-	-	5.9	0.0	0.0
Marble lime tabby	1	-	-	5.9	0.0	0.0
Shell lime tabby	1	-	-	5.9	0.0	0.0
Natural cement and lime	2	-	-	11.8	0.0	0.0
Natural cement and rock lime	-	-	-	0.0	0.0	0.0
Portland cement	-	1	-	0.0	2.1	0.0
Portland cement and lime	-	4	36	0.0	8.5	56.3
Portland cement and rock lime	-	1	-	0.0	2.1	0.0
Portland cement and dry hydrate lime	-	-	2	0.0	0.0	3.1
Portland cement and natural cement	-	-	1	0.0	0.0	1.6
Portland cement, natural cement and lime	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement	-	-	1	0.0	0.0	1.6
Masonry cement with Portland cement and lime	-	-	14	0.0	0.0	21.9
Total	17	47	64	100.0	100.0	100.0

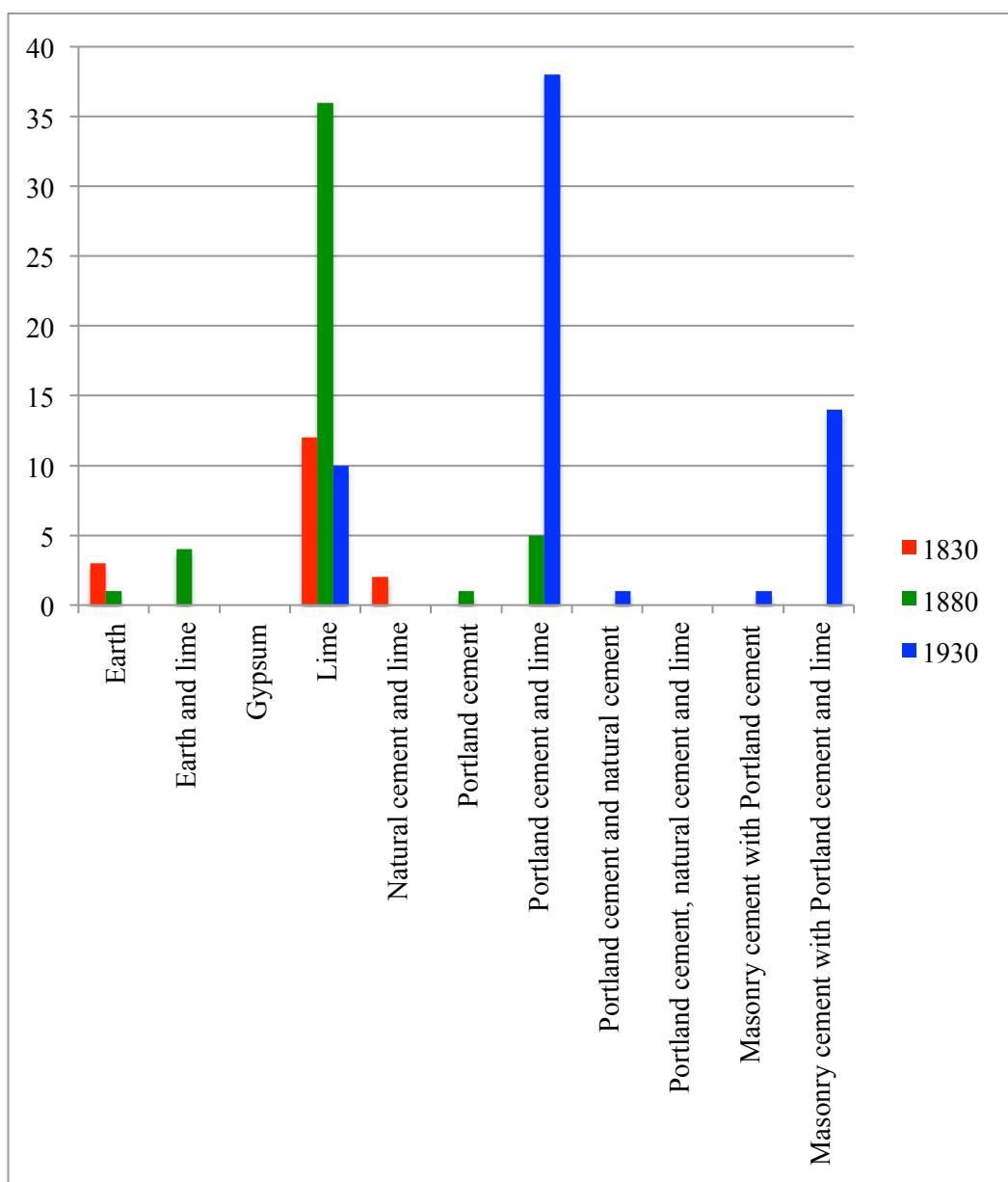
C42: Table of the frequency and relative percentage of mortar samples with each binder type collected in a rural environment - Detailed.



C43: Chart of the frequency of mortar samples with each binder type collected in an urban environment - Summary.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	-	-	-	0.0	0.0	0.0
Earth and lime	-	-	-	0.0	0.0	0.0
Gypsum	-	1	-	0.0	2.5	0.0
Lime	22	26	16	100.0	65.0	29.6
Natural cement and lime	-	10	-	0.0	25.0	0.0
Portland cement	-	-	-	0.0	0.0	0.0
Portland cement and lime	-	3	34	0.0	7.5	63.0
Portland cement and natural cement	-	-	-	0.0	0.0	0.0
Portland cement, natural cement and lime	-	-	1	0.0	0.0	1.9
Masonry cement with Portland cement	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement and lime	-	-	3	0.0	0.0	5.6
Total	22	40	54	100.0	100.0	100.0

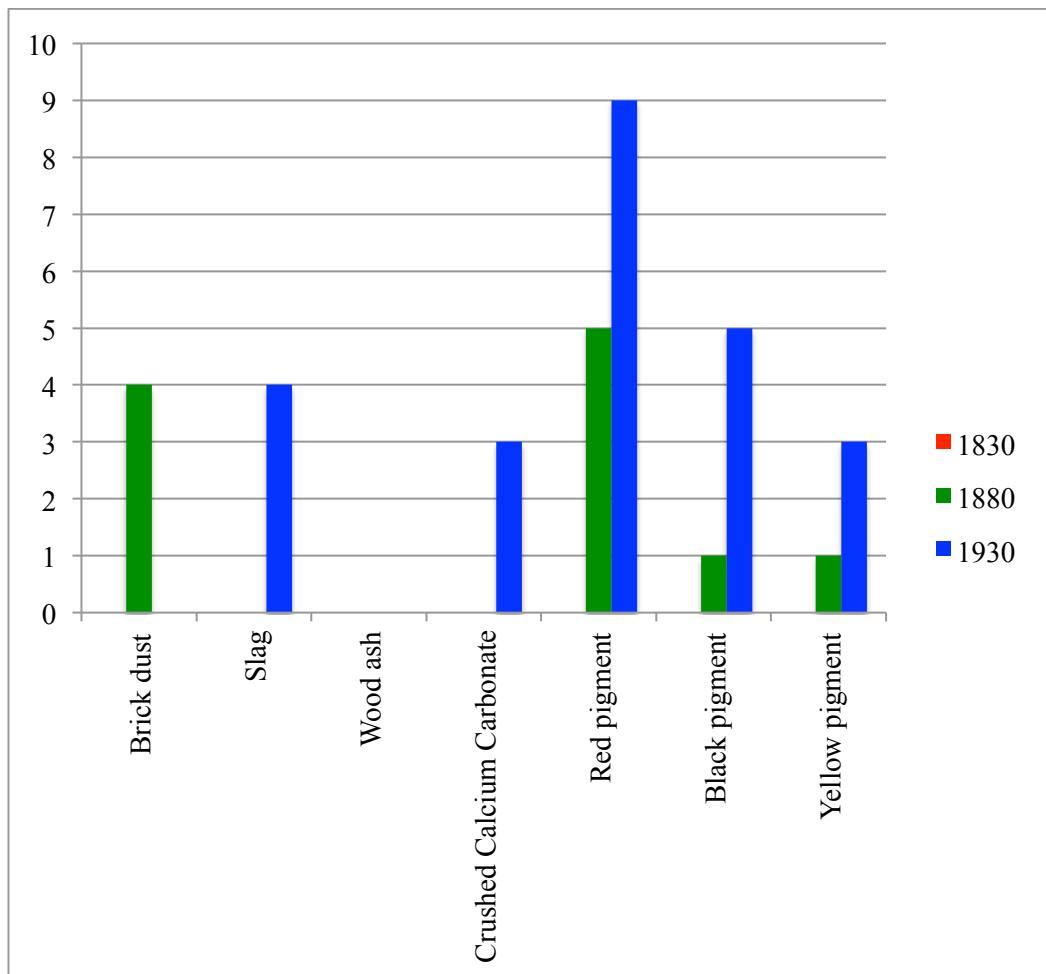
C44: Table of the frequency and relative percentage of mortar samples with each binder type collected in an urban environment - Summary.



C45: Chart of the frequency of mortar samples with each binder type collected in a rural environment - Summary.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	3	1	-	17.6	2.1	0.0
Earth and lime	-	4	-	0.0	8.5	0.0
Gypsum	-	-	-	0.0	0.0	0.0
Lime	12	36	10	70.6	76.6	15.6
Natural cement and lime	2	-	-	11.8	0.0	0.0
Portland cement	-	1	-	0.0	2.1	0.0
Portland cement and lime	-	5	38	0.0	10.6	59.4
Portland cement and natural cement	-	-	1	0.0	0.0	1.6
Portland cement, natural cement and lime	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement	-	-	1	0.0	0.0	1.6
Masonry cement with Portland cement and lime	-	-	14	0.0	0.0	21.9
Total	17	47	64	100.0	100.0	100.0

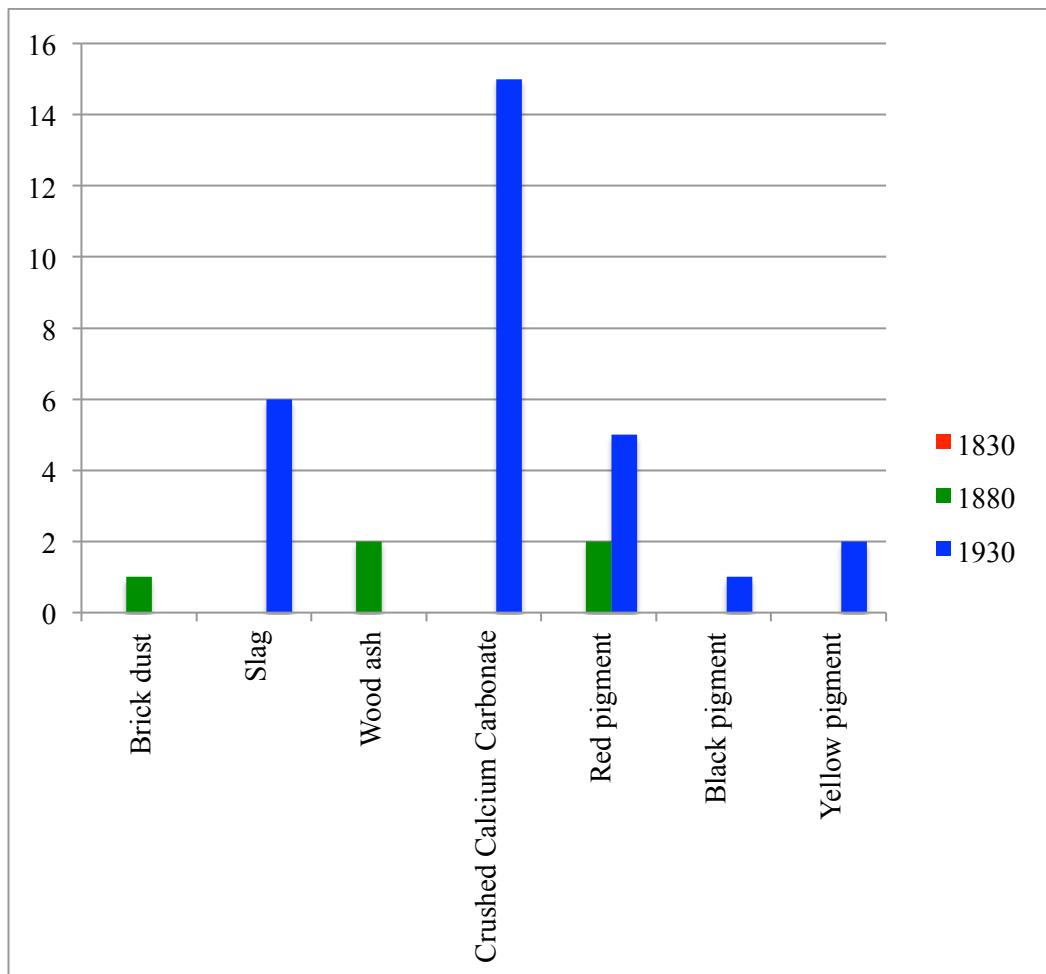
C46: Table of the frequency and relative percentage of mortar samples with each binder type collected in a rural environment - Summary.



C47: Chart of the frequency of mortar samples with each additive collected in an urban environment.

Additives	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Brick dust	-	4	-	0.0	36.4	0.0
Slag	-	-	4	0.0	0.0	16.7
Wood ash	-	-	-	0.0	0.0	0.0
Crushed Calcium Carbonate	-	-	3	0.0	0.0	12.5
Red pigment	-	5	9	0.0	45.5	37.5
Black pigment	-	1	5	0.0	9.1	20.8
Yellow pigment	-	1	3	0.0	9.1	12.5
Total	0	11	24	0.0	100.0	100.0

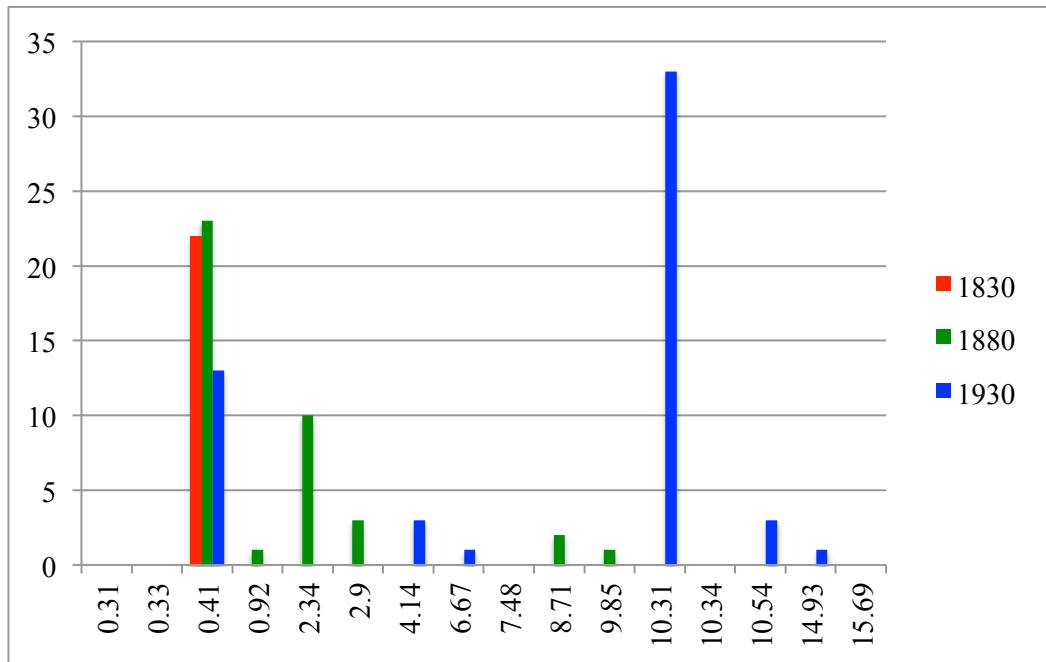
C48: Table of the frequency and relative percentage of mortar samples with each additive collected in an urban environment.



C49: Chart of the frequency of mortar samples with each additive collected in a rural environment.

Additives	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Brick dust	-	1	-	0.0	20.0	0.0
Slag	-	-	6	0.0	0.0	20.7
Wood ash	-	2	-	0.0	40.0	0.0
Crushed Calcium Carbonate	-	-	15	0.0	0.0	51.7
Red pigment	-	2	5	0.0	40.0	17.2
Black pigment	-	-	1	0.0	0.0	3.4
Yellow pigment	-	-	2	0.0	0.0	6.9
Total	0	5	29	0.0	100.0	100.0

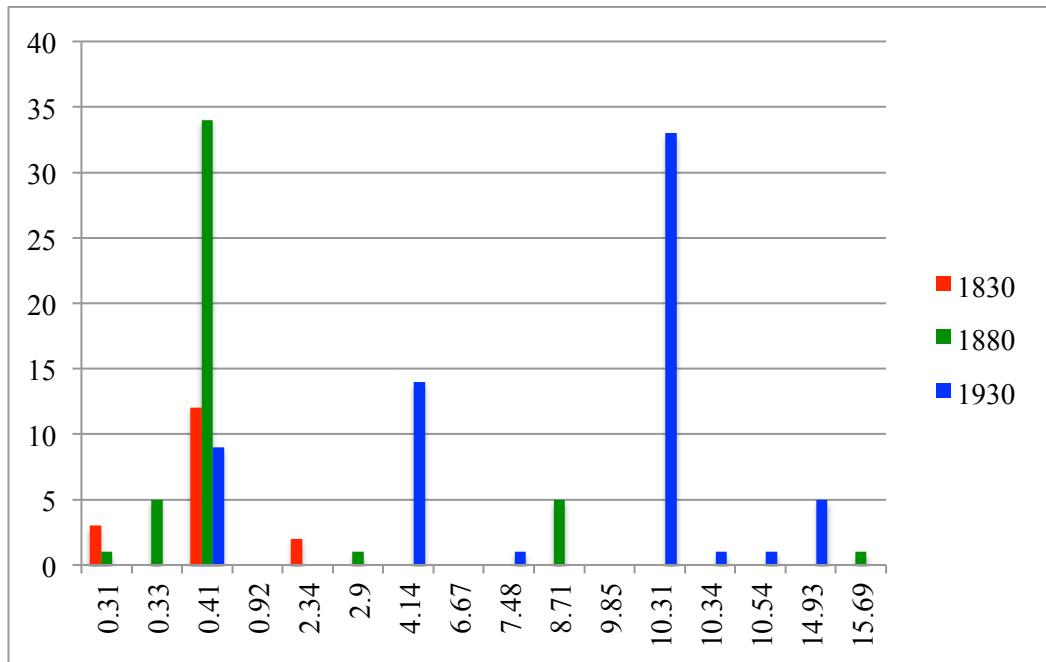
C50: Table of the frequency and relative percentage of mortar samples with each additive collected in a rural environment.



C51: Chart of the frequency of each estimated compressive strength for mortar samples collected in an urban environment.

Estimated Compressive Strength (Mpa)	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
0.31	-	-	-	0.0	0.0	0.0
0.33	-	-	-	0.0	0.0	0.0
0.41	22	23	13	100.0	57.5	24.1
0.92	-	1	-	0.0	2.5	0.0
2.34	-	10	-	0.0	25.0	0.0
2.9	-	3	-	0.0	7.5	0.0
4.14	-	-	3	0.0	0.0	5.6
6.67	-	-	1	0.0	0.0	1.9
7.48	-	-	-	0.0	0.0	0.0
8.71	-	2	-	0.0	5.0	0.0
9.85	-	1	-	0.0	2.5	0.0
10.31	-	-	33	0.0	0.0	61.1
10.34	-	-	-	0.0	0.0	0.0
10.54	-	-	3	0.0	0.0	5.6
14.93	-	-	1	0.0	0.0	1.9
15.69	-	-	-	0.0	0.0	0.0
Total	22	40	54	100.0	100.0	100.0

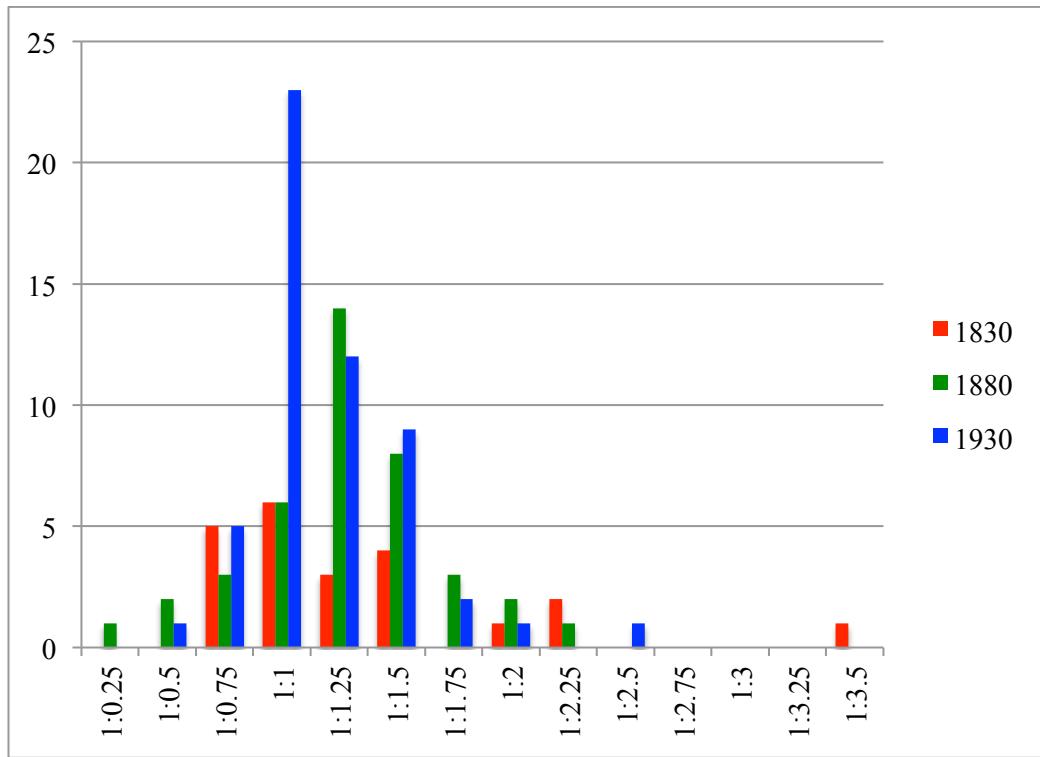
C52: Table of the frequency and relative percentage of each estimated compressive strength for mortar samples collected in an urban environment.



C53: Chart of the frequency of each estimated compressive strength for mortar samples collected in a rural environment.

Estimated Compressive Strength (Mpa)	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
0.31	3	1	-	17.6	2.1	0.0
0.33	-	5	-	0.0	10.6	0.0
0.41	12	34	9	70.6	72.3	14.1
0.92	-	-	-	0.0	0.0	0.0
2.34	2	-	-	11.8	0.0	0.0
2.9	-	1	-	0.0	2.1	0.0
4.14	-	-	14	0.0	0.0	21.9
6.67	-	-	-	0.0	0.0	0.0
7.48	-	-	1	0.0	0.0	1.6
8.71	-	5	-	0.0	10.6	0.0
9.85	-	-	-	0.0	0.0	0.0
10.31	-	-	33	0.0	0.0	51.6
10.34	-	-	1	0.0	0.0	1.6
10.54	-	-	1	0.0	0.0	1.6
14.93	-	-	5	0.0	0.0	7.8
15.69	-	1	-	0.0	2.1	0.0
Total	17	47	64	100.0	100.0	100.0

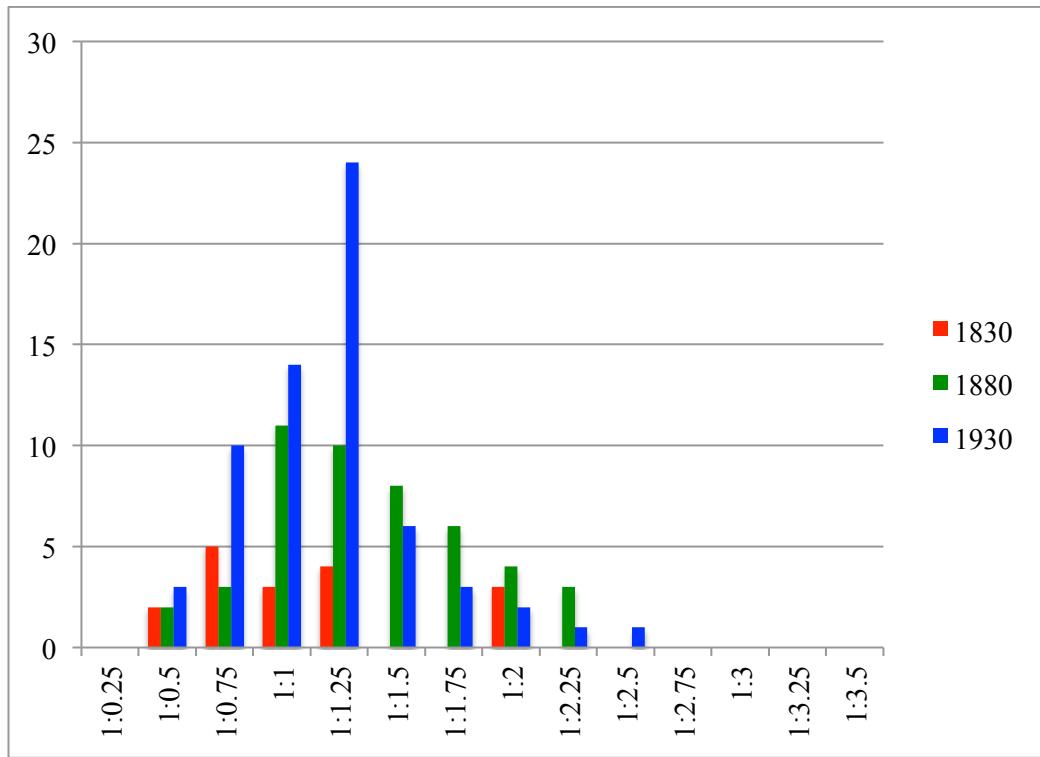
C54: Table of the frequency and relative percentage of each estimated compressive strength for mortar samples collected in a rural environment.



C55: Chart of the frequency of each of the approximate binder to aggregate ratios for mortar samples collected in an urban environment.

Binder to aggregate ratio	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1:0.25	-	1	-	0.0	2.5	0.0
1:0.5	-	2	1	0.0	5.0	1.9
1:0.75	5	3	5	22.7	7.5	9.3
1:1	6	6	23	27.3	15.0	42.6
1:1.25	3	14	12	13.6	35.0	22.2
1:1.5	4	8	9	18.2	20.0	16.7
1:1.75	-	3	2	0.0	7.5	3.7
1:2	1	2	1	4.5	5.0	1.9
1:2.25	2	1	-	9.1	2.5	0.0
1:2.5	-	-	1	0.0	0.0	1.9
1:2.75	-	-	-	0.0	0.0	0.0
1:3	-	-	-	0.0	0.0	0.0
1:3.25	-	-	-	0.0	0.0	0.0
1:3.5	1	-	-	4.5	0.0	0.0
Total	22	40	54	100.0	100.0	100.0

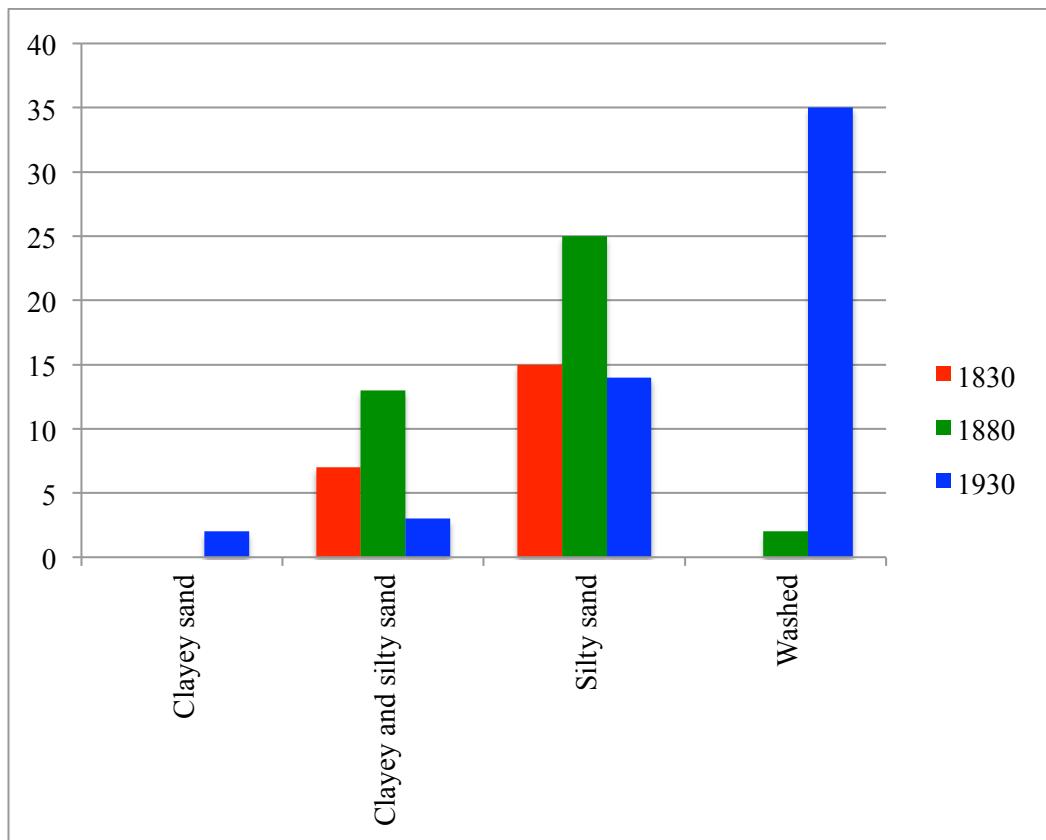
C56: Table of the frequency and relative percentage of each of the approximate binder to aggregate ratios for mortar samples collected in an urban environment.



C57: Chart of the frequency of each of the approximate binder to aggregate ratios for mortar samples collected in a rural environment.

Binder to aggregate ratio	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1:0.25	-	-	-	0.0	0.0	0.0
1:0.5	2	2	3	11.8	4.3	4.7
1:0.75	5	3	10	29.4	6.4	15.6
1:1	3	11	14	17.6	23.4	21.9
1:1.25	4	10	24	23.5	21.3	37.5
1:1.5	-	8	6	0.0	17.0	9.4
1:1.75	-	6	3	0.0	12.8	4.7
1:2	3	4	2	17.6	8.5	3.1
1:2.25	-	3	1	0.0	6.4	1.6
1:2.5	-	-	1	0.0	0.0	1.6
1:2.75	-	-	-	0.0	0.0	0.0
1:3	-	-	-	0.0	0.0	0.0
1:3.25	-	-	-	0.0	0.0	0.0
1:3.5	-	-	-	0.0	0.0	0.0
Total	17	47	64	100.0	100.0	100.0

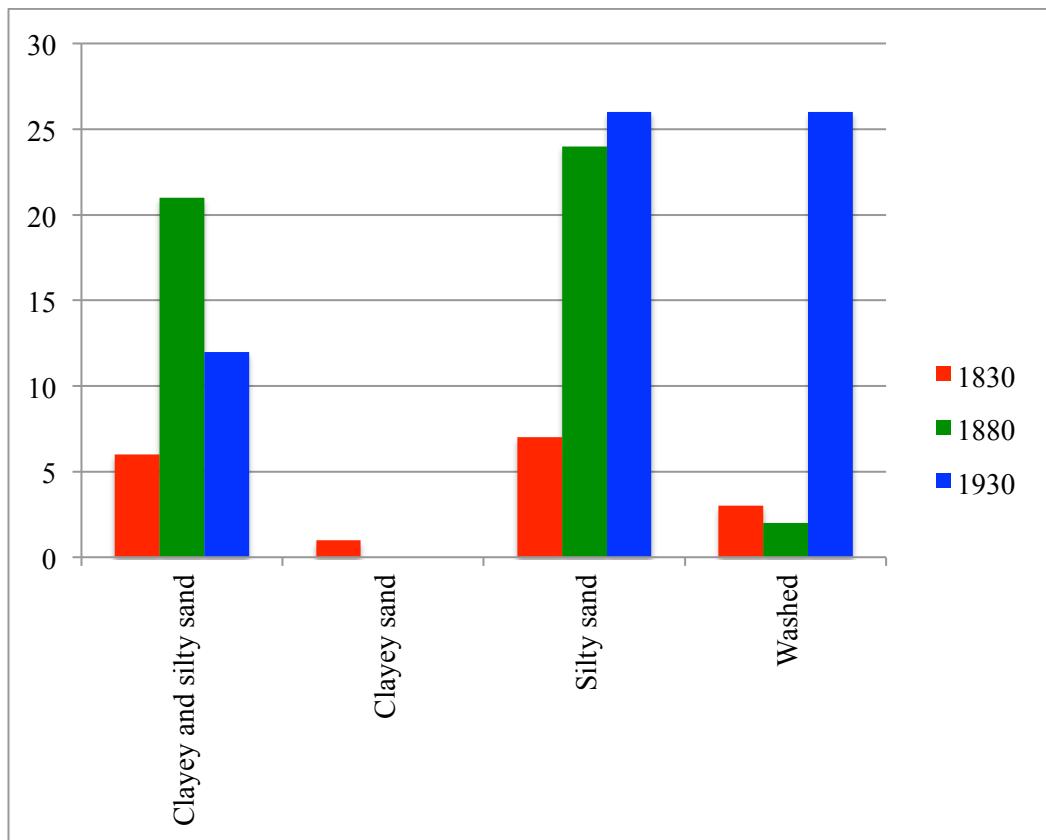
C58: Table of the frequency and relative percentage of each of the approximate binder to aggregate ratios for mortar samples collected in a rural environment.



C59: Chart of the frequency of each of the aggregate preparation descriptions for mortar samples collected in an urban environment.

Aggregate Preparation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Clayey sand	-	-	2	0.0	0.0	3.7
Clayey and silty sand	7	13	3	31.8	32.5	5.6
Silty sand	15	25	14	68.2	62.5	25.9
Washed	-	2	35	0.0	5.0	64.8
Total	22	40	52	100.0	100.0	96.3

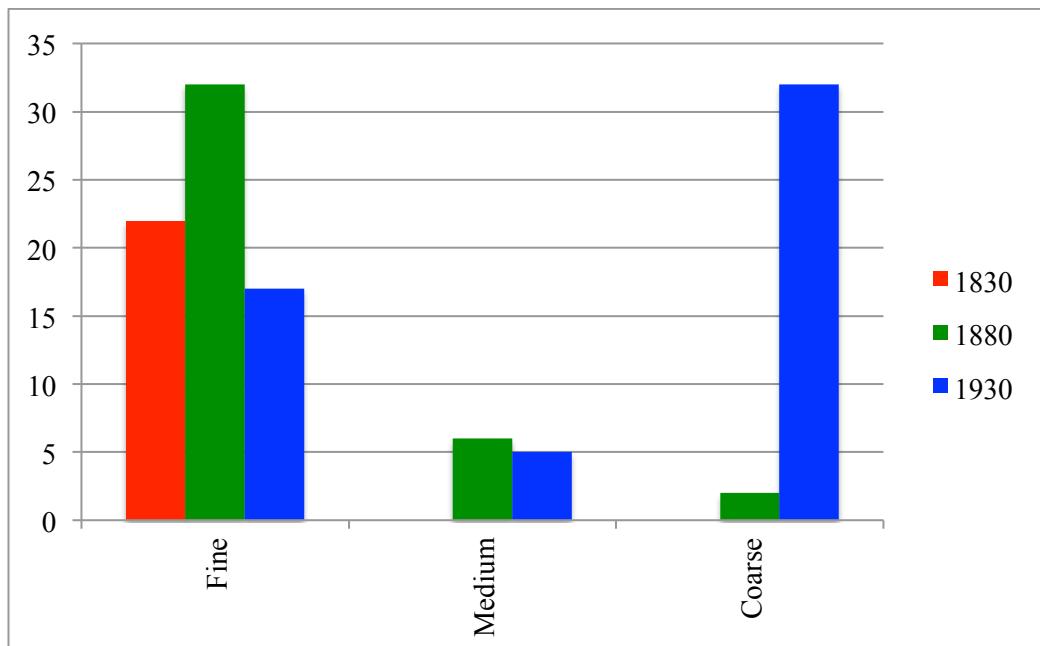
C60: Table of the frequency and relative percentage of each of the aggregate preparation descriptions for mortar samples collected in an urban environment.



C61: Chart of the frequency of each of the aggregate preparation descriptions for mortar samples collected in a rural environment.

Aggregate Preparation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Clayey and silty sand	6	21	12	35.3	44.7	18.8
Clayey sand	1	-	-	5.9	0.0	0.0
Silty sand	7	24	26	41.2	51.1	40.6
Washed	3	2	26	17.6	4.3	40.6
Total	17	47	64	100.0	100.0	100.0

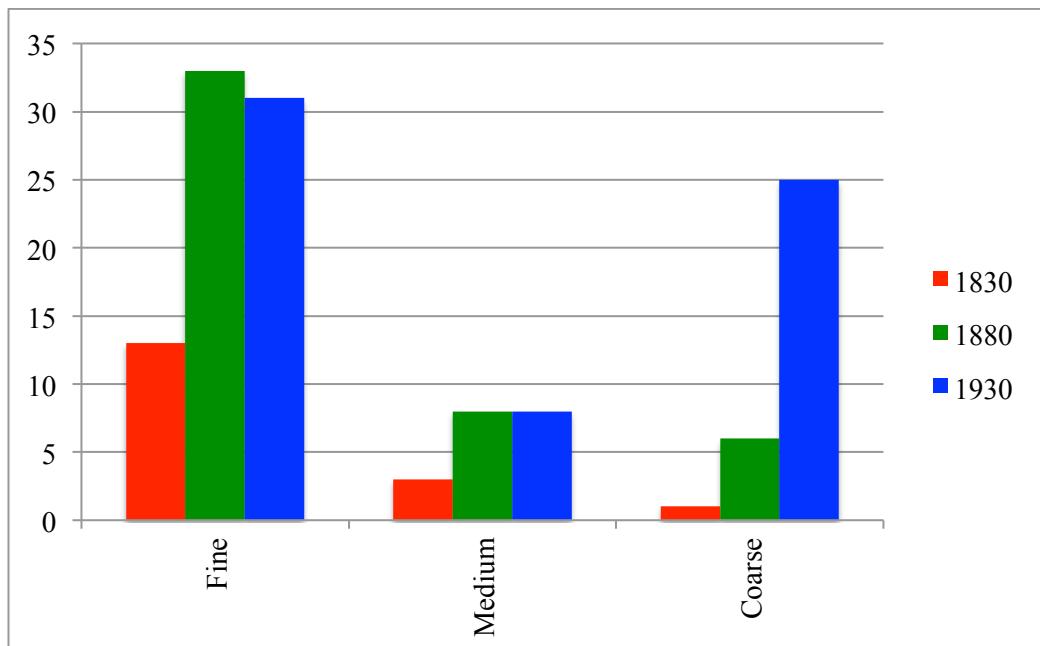
C62: Table of the frequency and relative percentage of each of the aggregate preparation descriptions for mortar samples collected in a rural environment.



C63: Chart of the frequency of each of the aggregate gradation descriptions for mortar samples collected in an urban environment.

Aggregate Gradation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Fine	22	32	17	100.0	80.0	31.5
Medium	-	6	5	0.0	15.0	9.3
Coarse	-	2	32	0.0	5.0	59.3
Total	22	40	54	100.0	100.0	100.0

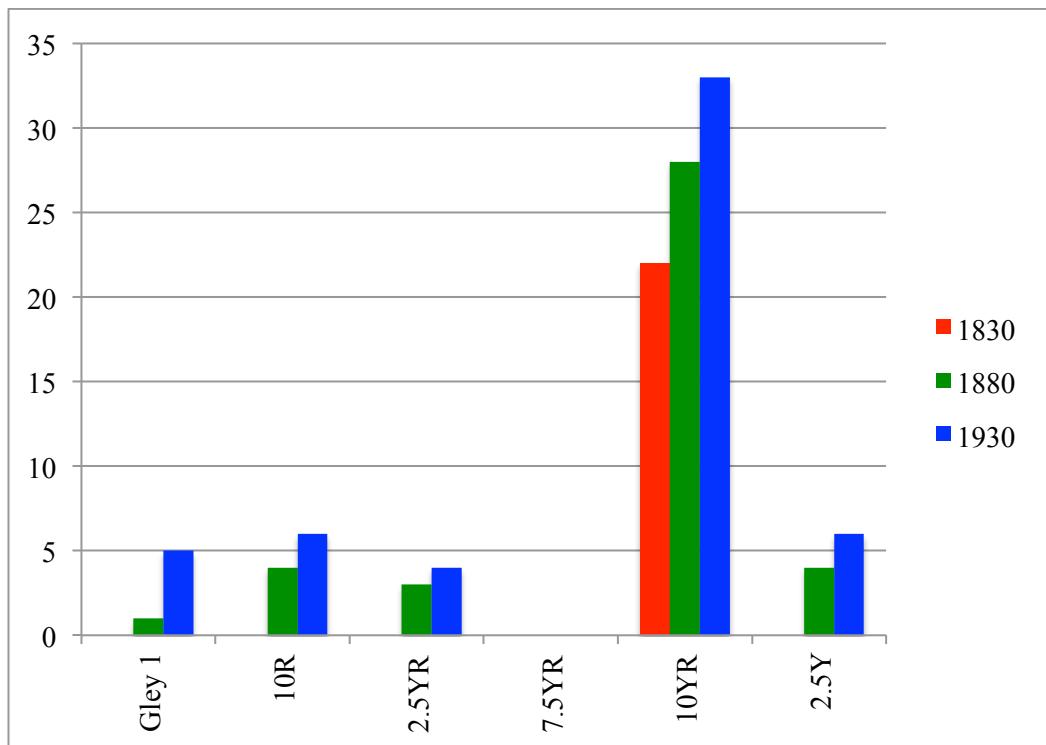
C64: Table of the frequency and relative percentage of each of the aggregate gradation descriptions for mortar samples collected in an urban environment.



C65: Chart of the frequency of each of the aggregate gradation descriptions for mortar samples collected in a rural environment.

Aggregate Gradation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Fine	13	33	31	76.5	70.2	48.4
Medium	3	8	8	17.6	17.0	12.5
Coarse	1	6	25	5.9	12.8	39.1
Total	17	47	64	100.0	100.0	100.0

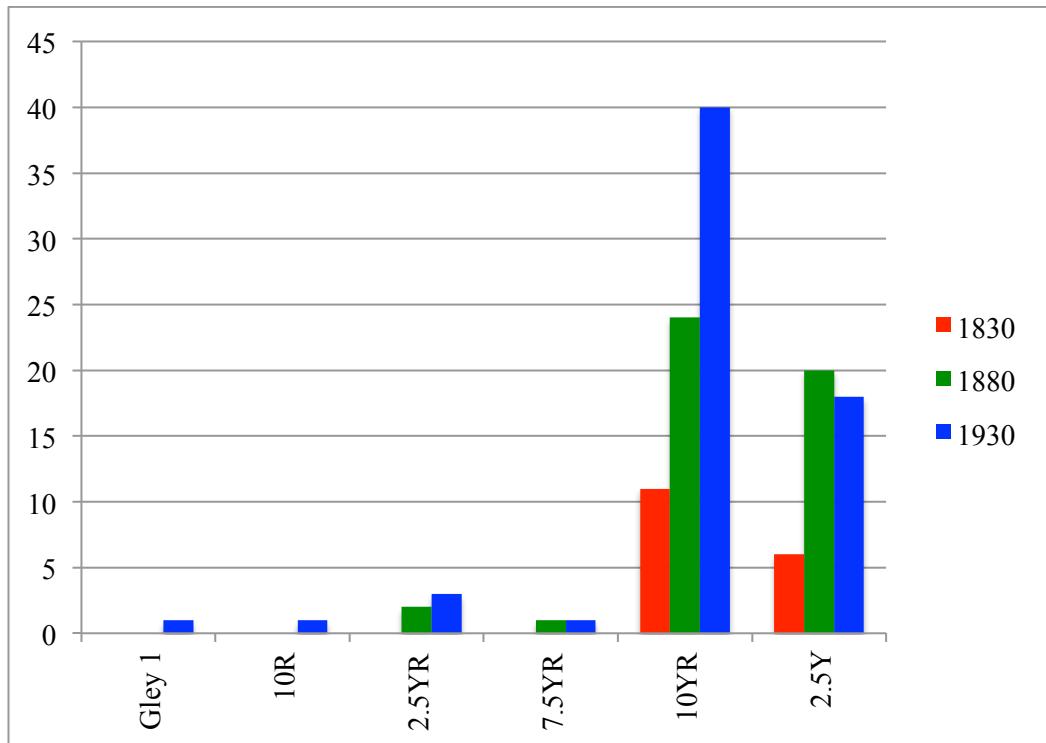
C66: Table of the frequency and relative percentage of each of the aggregate gradation descriptions for mortar samples collected in a rural environment.



C67: Chart of the frequency of each of the Munsell Soil Color hues of mortar samples collected in an urban environment.

Munsell Soil Color Hue	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Gley 1	-	1	5	0.0	2.5	9.3
10R	-	4	6	0.0	10.0	11.1
2.5YR	-	3	4	0.0	7.5	7.4
7.5YR	-	-	-	0.0	0.0	0.0
10YR	22	28	33	100.0	70.0	61.1
2.5Y	-	4	6	0.0	10.0	11.1
Total	22	40	54	100.0	100.0	100.0

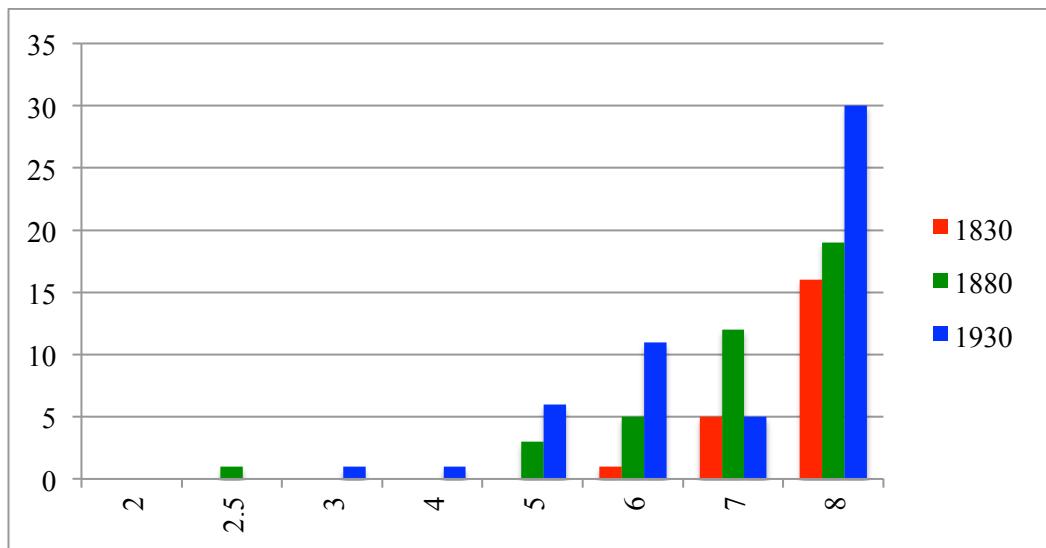
C68: Table of the frequency and relative percentage of each of the Munsell Soil Color hues of mortar samples collected in an urban environment.



C69: Chart of the frequency of each of the Munsell Soil Color hues of mortar samples collected in a rural environment.

Munsell Soil Color Hue	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Gley 1	-	-	1	0.0	0.0	1.6
10R	-	-	1	0.0	0.0	1.6
2.5YR	-	2	3	0.0	4.3	4.7
7.5YR	-	1	1	0.0	2.1	1.6
10YR	11	24	40	64.7	51.1	62.5
2.5Y	6	20	18	35.3	42.6	28.1
Total	17	47	64	100.0	100.0	100.0

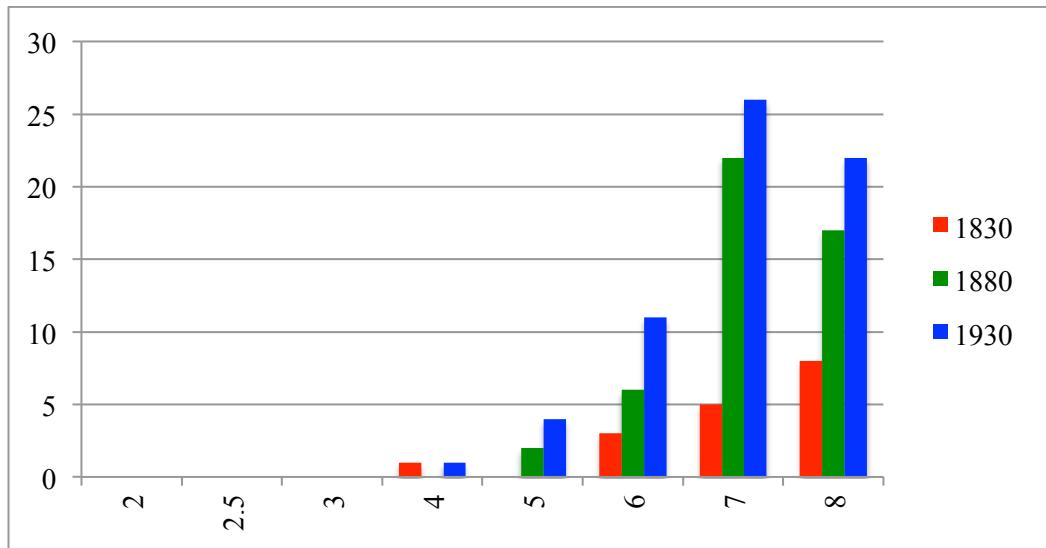
C70: Table of the frequency and relative percentage of each of the Munsell Soil Color hues of mortar samples collected in a rural environment.



C71: Chart of the frequency of each of the Munsell Soil Color values of mortar samples collected in an urban environment.

Munsell Soil Color Value	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
2	-	-	-	0.0	0.0	0.0
2.5	-	1	-	0.0	2.5	0.0
3	-	-	1	0.0	0.0	1.9
4	-	-	1	0.0	0.0	1.9
5	-	3	6	0.0	7.5	11.1
6	1	5	11	4.5	12.5	20.4
7	5	12	5	22.7	30.0	9.3
8	16	19	30	72.7	47.5	55.6
Total	22	40	54	100.0	100.0	100.0

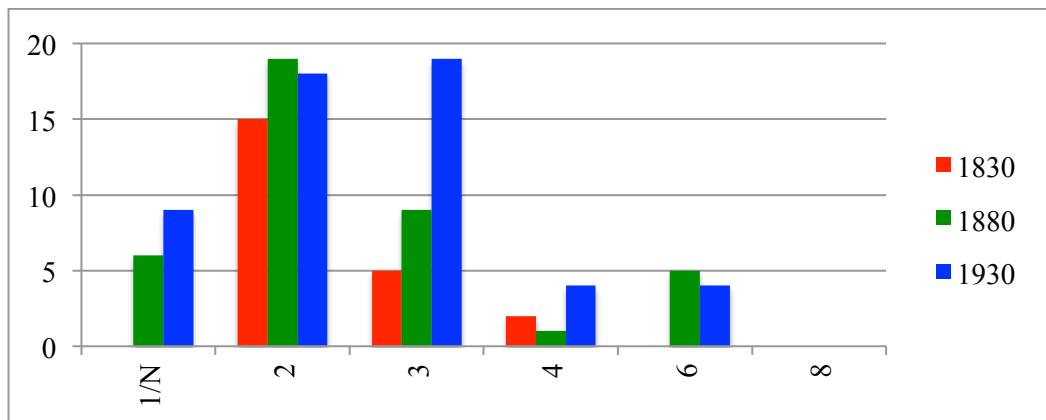
C72: Table of the frequency and relative percentage of each of the Munsell Soil Color values of mortar samples collected in an urban environment.



C73: Chart of the frequency of each of the Munsell Soil Color values of mortar samples collected in a rural environment.

Munsell Soil Color Value	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
2	-	-	-	0.0	0.0	0.0
2.5	-	-	-	0.0	0.0	0.0
3	-	-	-	0.0	0.0	0.0
4	1	-	1	5.9	0.0	1.6
5	-	2	4	0.0	4.3	6.3
6	3	6	11	17.6	12.8	17.2
7	5	22	26	29.4	46.8	40.6
8	8	17	22	47.1	36.2	34.4
Total	17	47	64	100.0	100.0	100.0

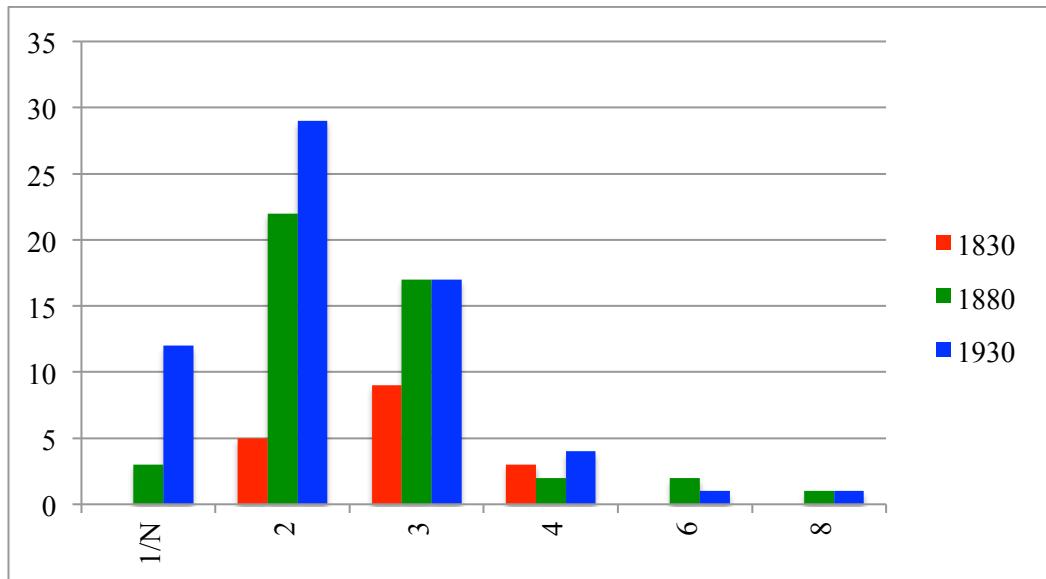
C74: Table of the frequency and relative percentage of each of the Munsell Soil Color values of mortar samples collected in a rural environment.



C75: Chart of the frequency of each of the Munsell Soil Color chromas of mortar samples collected in an urban environment.

Munsell Soil Color Chroma	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1/N	-	6	9	0.0	15.0	16.7
2	15	19	18	68.2	47.5	33.3
3	5	9	19	22.7	22.5	35.2
4	2	1	4	9.1	2.5	7.4
6	-	5	4	0.0	12.5	7.4
8	-	-	-	0.0	0.0	0.0
Total	22	40	54	100.0	100.0	100.0

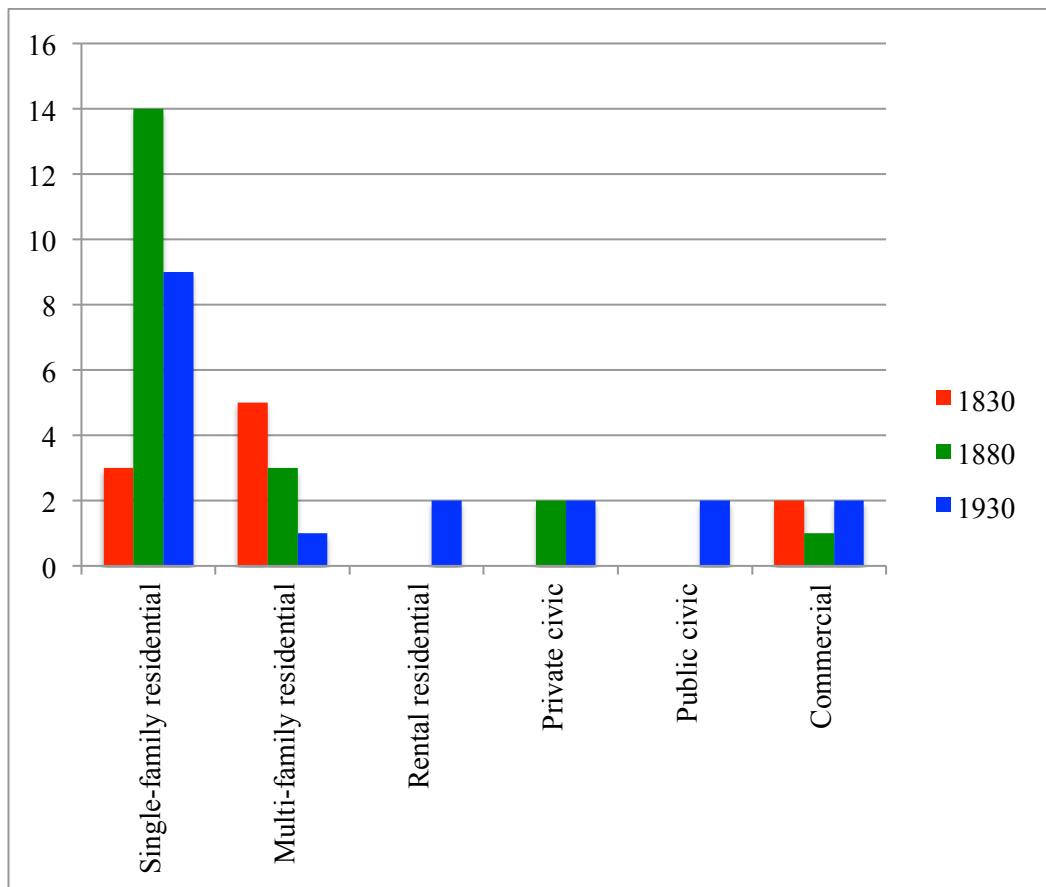
C76: Table of the frequency and relative percentage of each of the Munsell Soil Color chromas of mortar samples collected in an urban environment.



C77: Chart of the frequency of each of the Munsell Soil Color chromas of mortar samples collected in a rural environment.

Munsell Soil Color Chroma	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1/N	-	3	12	0.0	6.4	18.8
2	5	22	29	29.4	46.8	45.3
3	9	17	17	52.9	36.2	26.6
4	3	2	4	17.6	4.3	6.3
6	-	2	1	0.0	4.3	1.6
8	-	1	1	0.0	2.1	1.6
Total	17	47	64	100.0	100.0	100.0

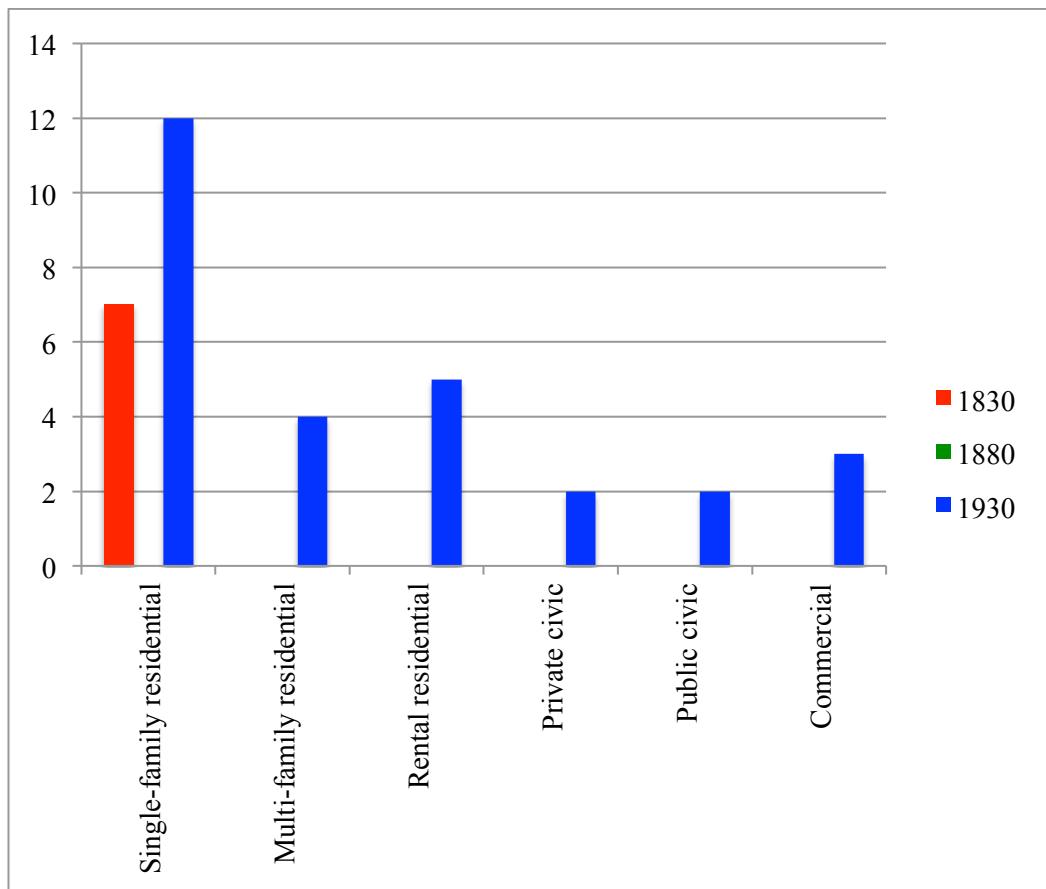
C78: Table of the frequency and relative percentage of each of the Munsell Soil Color chromas of mortar samples collected in a rural environment.



C79: Chart of the frequency of mortar samples collected from each building type in African American communities.

Building Category	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Single-family residential	3	14	9	30.0	70.0	50.0
Multi-family residential	5	3	1	50.0	15.0	5.6
Rental residential	-	-	2	0.0	0.0	11.1
Private civic	-	2	2	0.0	10.0	11.1
Public civic	-	-	2	0.0	0.0	11.1
Commercial	2	1	2	20.0	5.0	11.1
Total	10	20	18	100.0	100.0	100.0

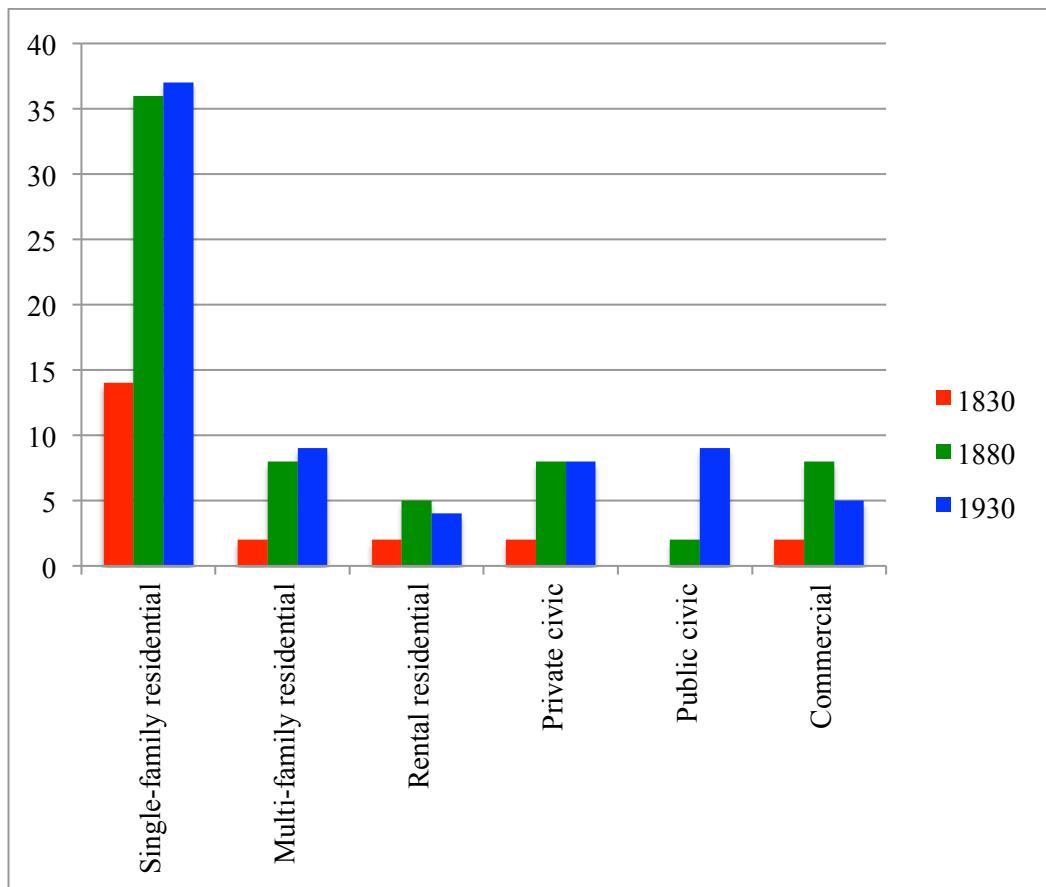
C80: Table of the frequency and relative percentage of mortar samples collected from each building type in African American communities.



C81: Chart of the frequency of mortar samples collected from each building type in European American communities.

Building Category	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Single-family residential	7	-	12	100.0	0.0	42.9
Multi-family residential	-	-	4	0.0	0.0	14.3
Rental residential	-	-	5	0.0	0.0	17.9
Private civic	-	-	2	0.0	0.0	7.1
Public civic	-	-	2	0.0	0.0	7.1
Commercial	-	-	3	0.0	0.0	10.7
Total	7	0	28	100.0	0.0	100.0

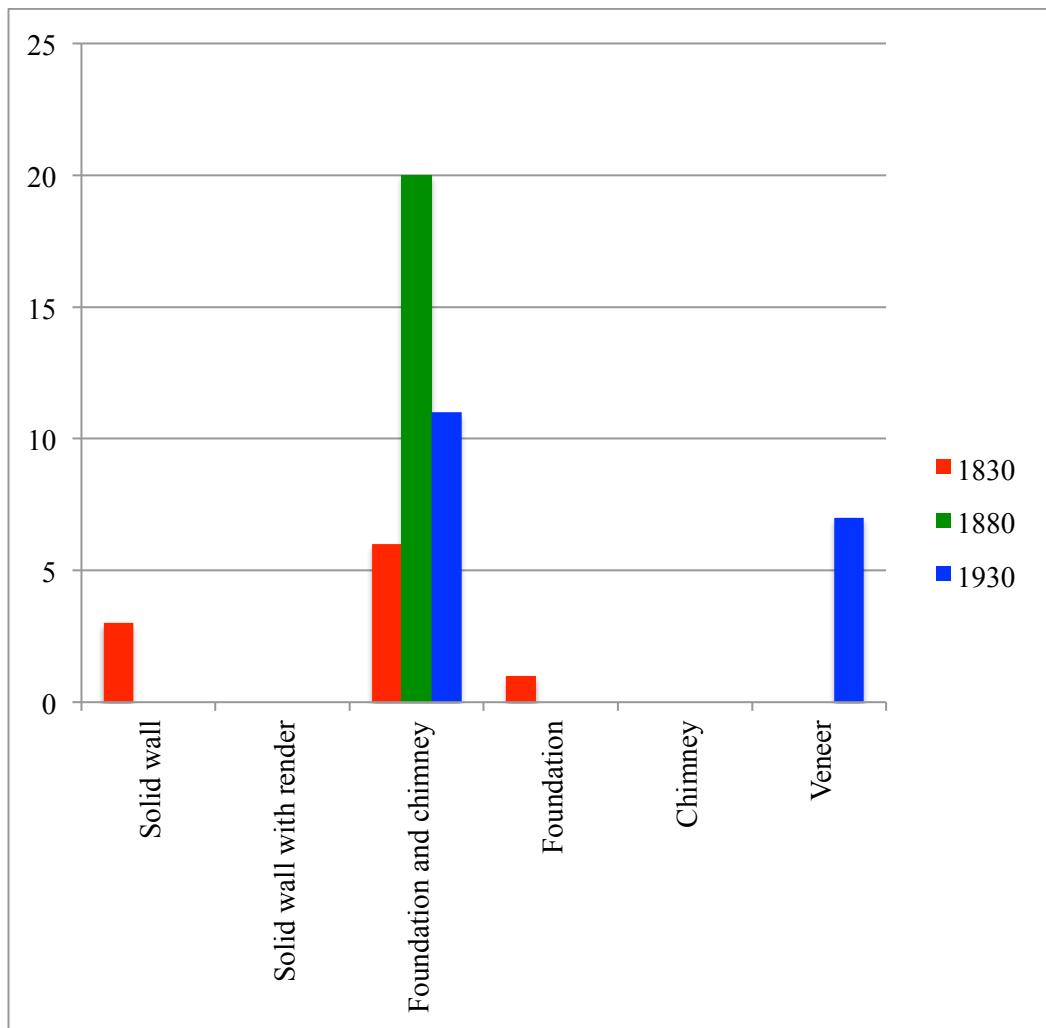
C82: Table of the frequency and relative percentage of mortar samples collected from each building type in European American communities.



C83: Chart of the frequency of mortar samples collected from each building type in African and European American communities.

Building Category	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Single-family residential	14	36	37	63.6	53.7	51.4
Multi-family residential	2	8	9	9.1	11.9	12.5
Rental residential	2	5	4	9.1	7.5	5.6
Private civic	2	8	8	9.1	11.9	11.1
Public civic	-	2	9	0.0	3.0	12.5
Commercial	2	8	5	9.1	11.9	6.9
Total	22	67	72	100.0	100.0	100.0

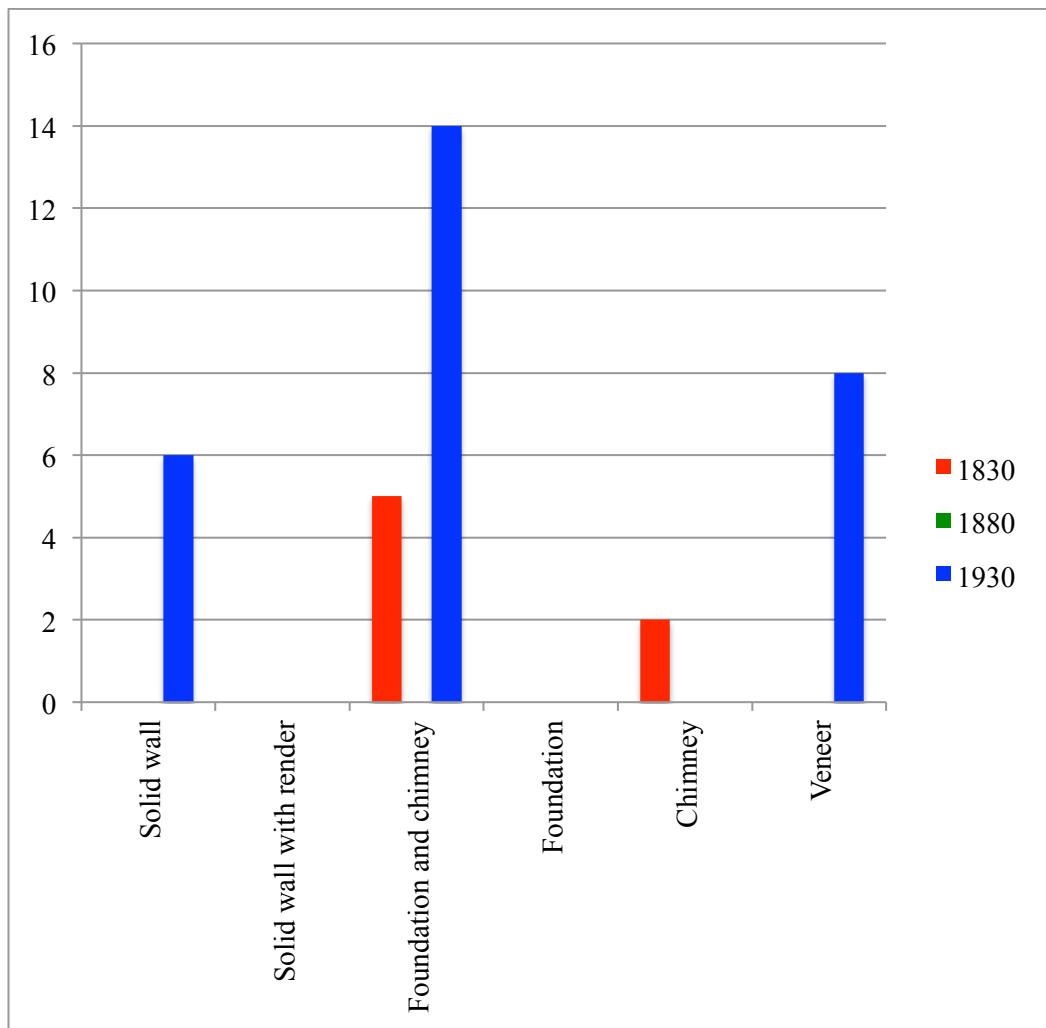
C84: Table of the frequency and relative percentage of mortar samples collected from each building type in African and European American communities.



C85: Chart of the frequency of mortar samples collected from buildings of each construction type in African American communities.

Type of Construction	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Solid wall	3	-	-	30.0	0.0	0.0
Solid wall with render	-	-	-	0.0	0.0	0.0
Foundation and chimney	6	20	11	60.0	100.0	61.1
Foundation	1	-	-	10.0	0.0	0.0
Chimney	-	-	-	0.0	0.0	0.0
Veneer	-	-	7	0.0	0.0	38.9
Total	10	20	18	100.0	100.0	100.0

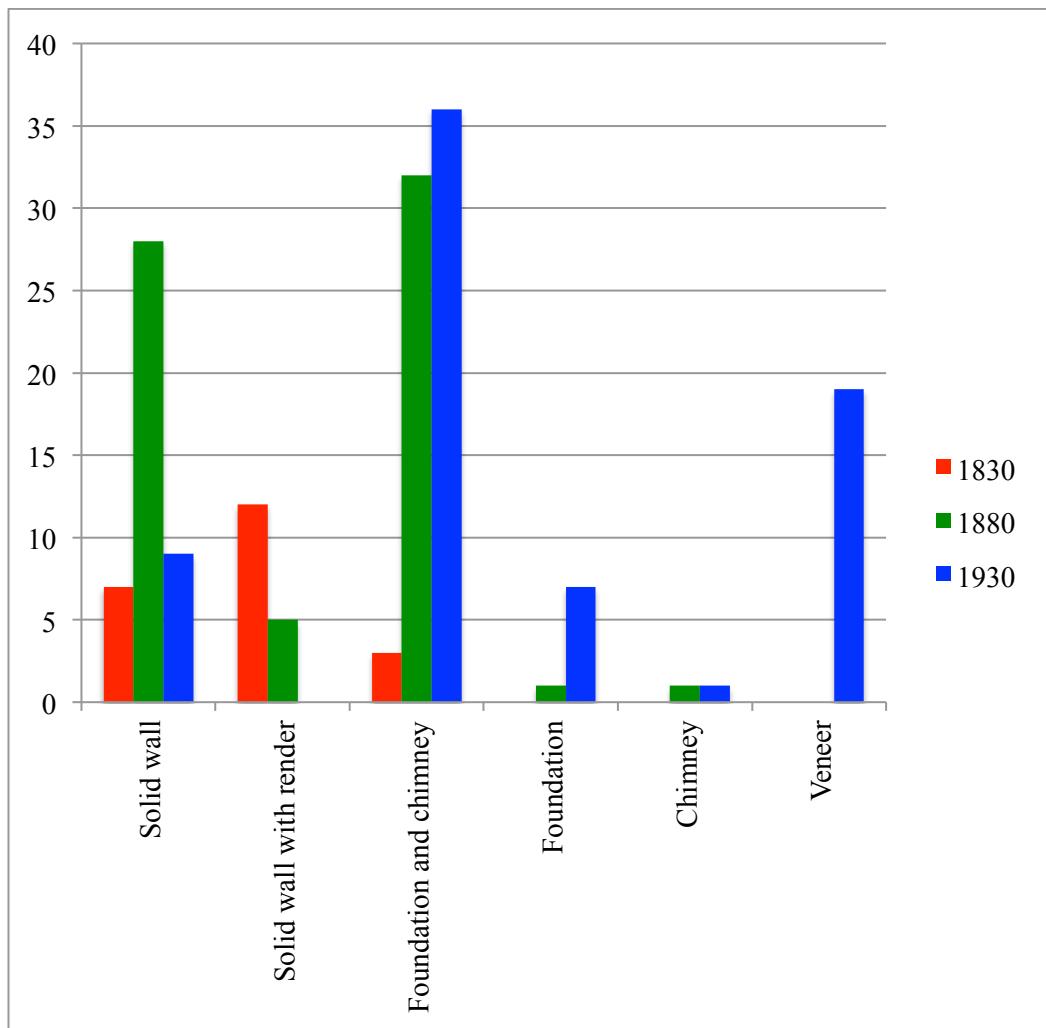
C86: Table of the frequency and relative percentage of mortar samples collected from buildings of each construction type in African American communities.



C87: Chart of the frequency of mortar samples collected from buildings of each construction type in European American communities.

Type of Construction	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Solid wall	-	-	6	0.0	0.0	21.4
Solid wall with render	-	-	-	0.0	0.0	0.0
Foundation and chimney	5	-	14	71.4	0.0	50.0
Foundation	-	-	-	0.0	0.0	0.0
Chimney	2	-	-	28.6	0.0	0.0
Veneer	-	-	8	0.0	0.0	28.6
Total	7	0	28	100.0	0.0	100.0

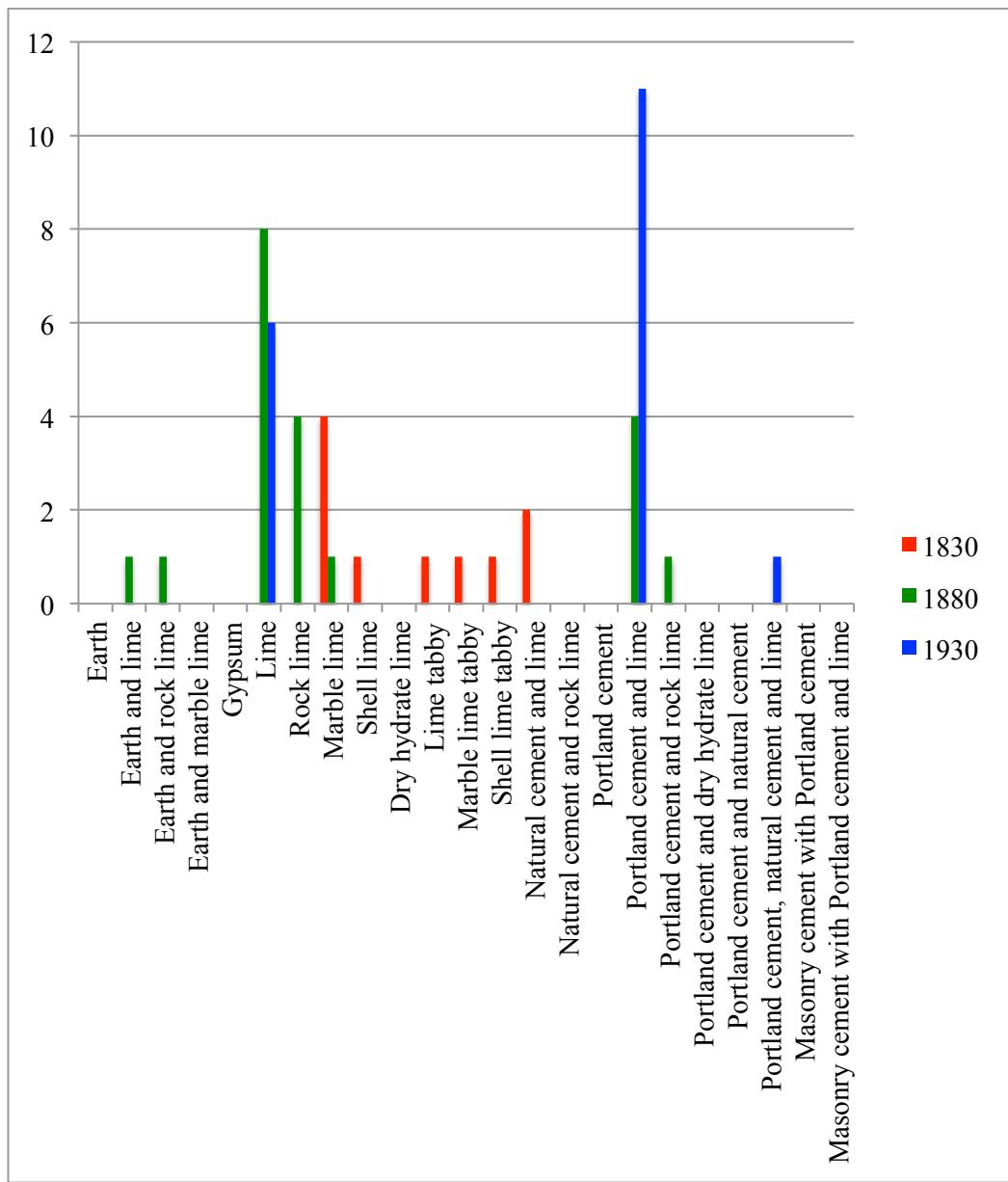
C88: Table of the frequency and relative percentage of mortar samples collected from buildings of each construction type in European American communities.



C89: Chart of the frequency of mortar samples collected from buildings of each construction type in African and European American communities.

Type of Construction	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Solid wall	7	28	9	31.8	41.8	12.5
Solid wall with render	12	5	-	54.5	7.5	0.0
Foundation and chimney	3	32	36	13.6	47.8	50.0
Foundation	-	1	7	0.0	1.5	9.7
Chimney	-	1	1	0.0	1.5	1.4
Veneer	-	-	19	0.0	0.0	26.4
Total	22	67	72	100.0	100.0	100.0

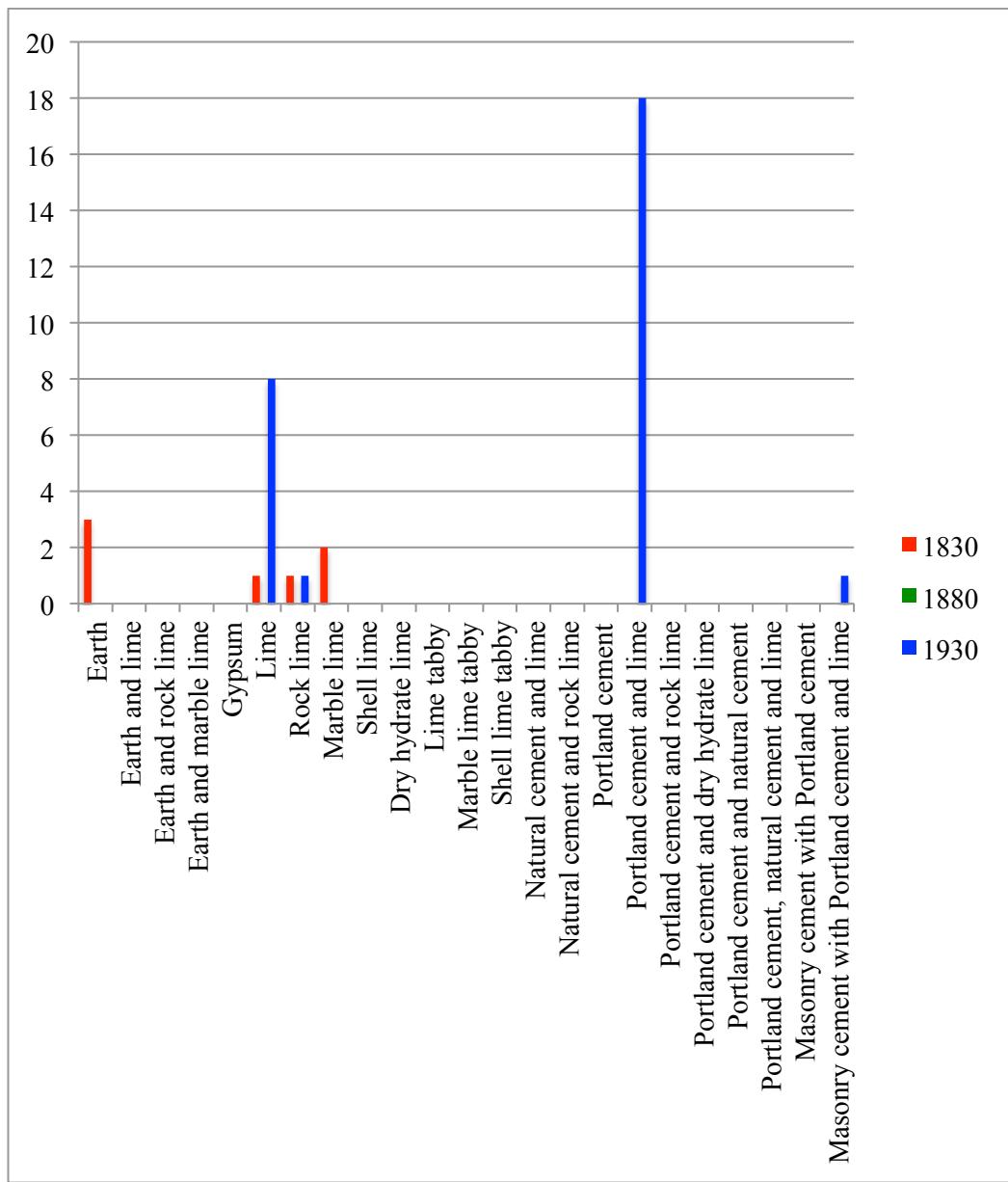
C90: Table of the frequency and relative percentage of mortar samples collected from buildings of each construction type in African and European American communities.



C91: Chart of the frequency of mortar samples with each binder type collected in African American communities - Detailed.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	-	-	-	0.0	0.0	0.0
Earth and lime	-	1	-	0.0	5.0	0.0
Earth and rock lime	-	1	-	0.0	5.0	0.0
Earth and marble lime	-	-	-	0.0	0.0	0.0
Gypsum	-	-	-	0.0	0.0	0.0
Lime	-	8	6	0.0	40.0	33.3
Rock lime	-	4	-	0.0	20.0	0.0
Marble lime	4	1	-	40.0	5.0	0.0
Shell lime	1	-	-	10.0	0.0	0.0
Dry hydrate lime	-	-	-	0.0	0.0	0.0
Lime tabby	1	-	-	10.0	0.0	0.0
Marble lime tabby	1	-	-	10.0	0.0	0.0
Shell lime tabby	1	-	-	10.0	0.0	0.0
Natural cement and lime	2	-	-	20.0	0.0	0.0
Natural cement and rock lime	-	-	-	0.0	0.0	0.0
Portland cement	-	-	-	0.0	0.0	0.0
Portland cement and lime	-	4	11	0.0	20.0	61.1
Portland cement and rock lime	-	1	-	0.0	5.0	0.0
Portland cement and dry hydrate lime	-	-	-	0.0	0.0	0.0
Portland cement and natural cement	-	-	-	0.0	0.0	0.0
Portland cement, natural cement and lime	-	-	1	0.0	0.0	5.6
Masonry cement with Portland cement	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement and lime	-	-	-	0.0	0.0	0.0
Total	10	20	18	100.0	100.0	100.0

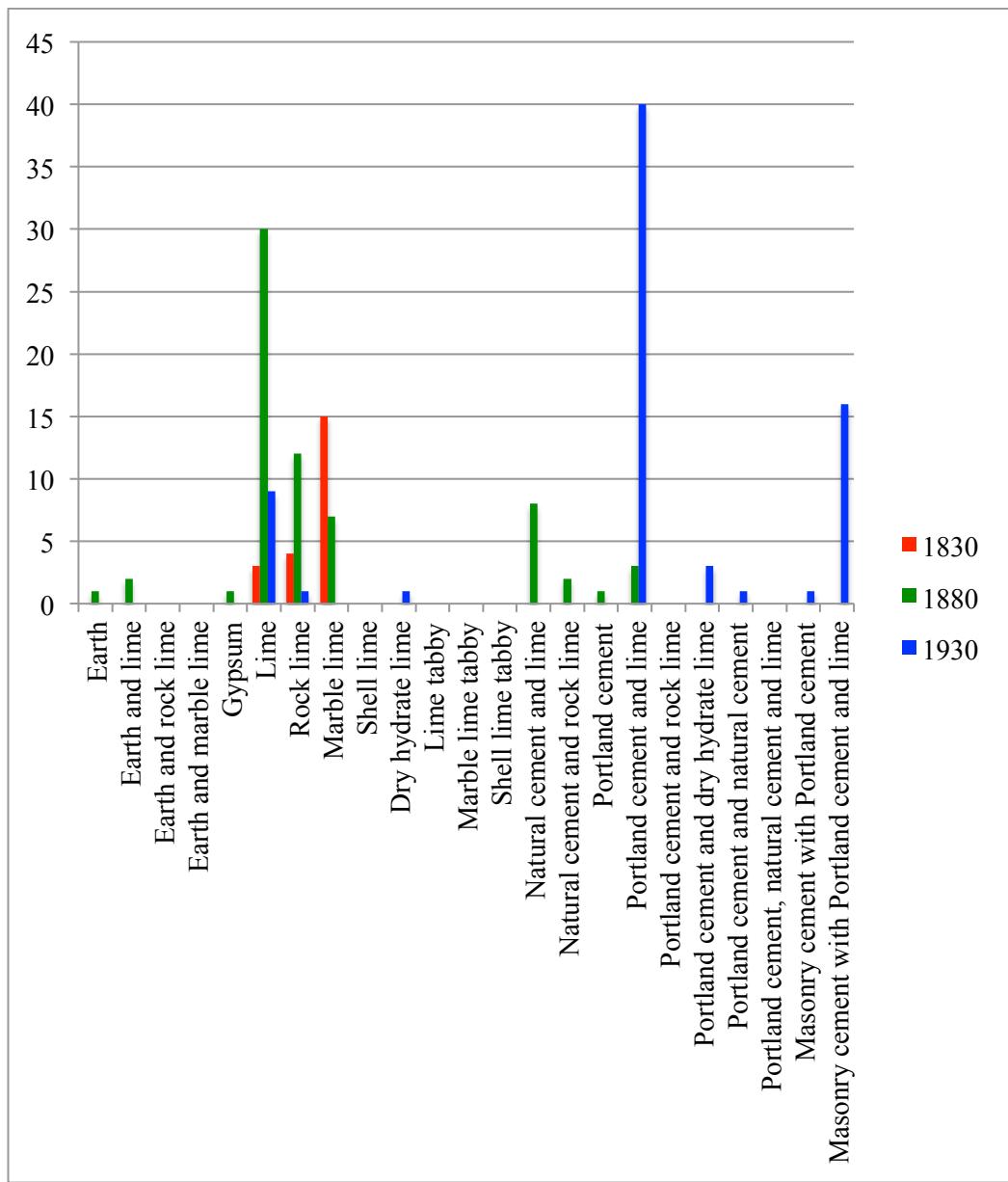
C92: Table of the frequency and relative percentage of mortar samples with each binder type collected in African American communities - Detailed.



C93: Chart of the frequency of mortar samples with each binder type collected in European American communities - Detailed.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	3	-	-	42.9	0.0	0.0
Earth and lime	-	-	-	0.0	0.0	0.0
Earth and rock lime	-	-	-	0.0	0.0	0.0
Earth and marble lime	-	-	-	0.0	0.0	0.0
Gypsum	-	-	-	0.0	0.0	0.0
Lime	1	-	8	14.3	0.0	28.6
Rock lime	1	-	1	14.3	0.0	3.6
Marble lime	2	-	-	28.6	0.0	0.0
Shell lime	-	-	-	0.0	0.0	0.0
Dry hydrate lime	-	-	-	0.0	0.0	0.0
Lime tabby	-	-	-	0.0	0.0	0.0
Marble lime tabby	-	-	-	0.0	0.0	0.0
Shell lime tabby	-	-	-	0.0	0.0	0.0
Natural cement and lime	-	-	-	0.0	0.0	0.0
Natural cement and rock lime	-	-	-	0.0	0.0	0.0
Portland cement	-	-	-	0.0	0.0	0.0
Portland cement and lime	-	-	18	0.0	0.0	64.3
Portland cement and rock lime	-	-	-	0.0	0.0	0.0
Portland cement and dry hydrate lime	-	-	-	0.0	0.0	0.0
Portland cement and natural cement	-	-	-	0.0	0.0	0.0
Portland cement, natural cement and lime	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement and lime	-	-	1	0.0	0.0	3.6
Total	7	0	28	100.0	0.0	100.0

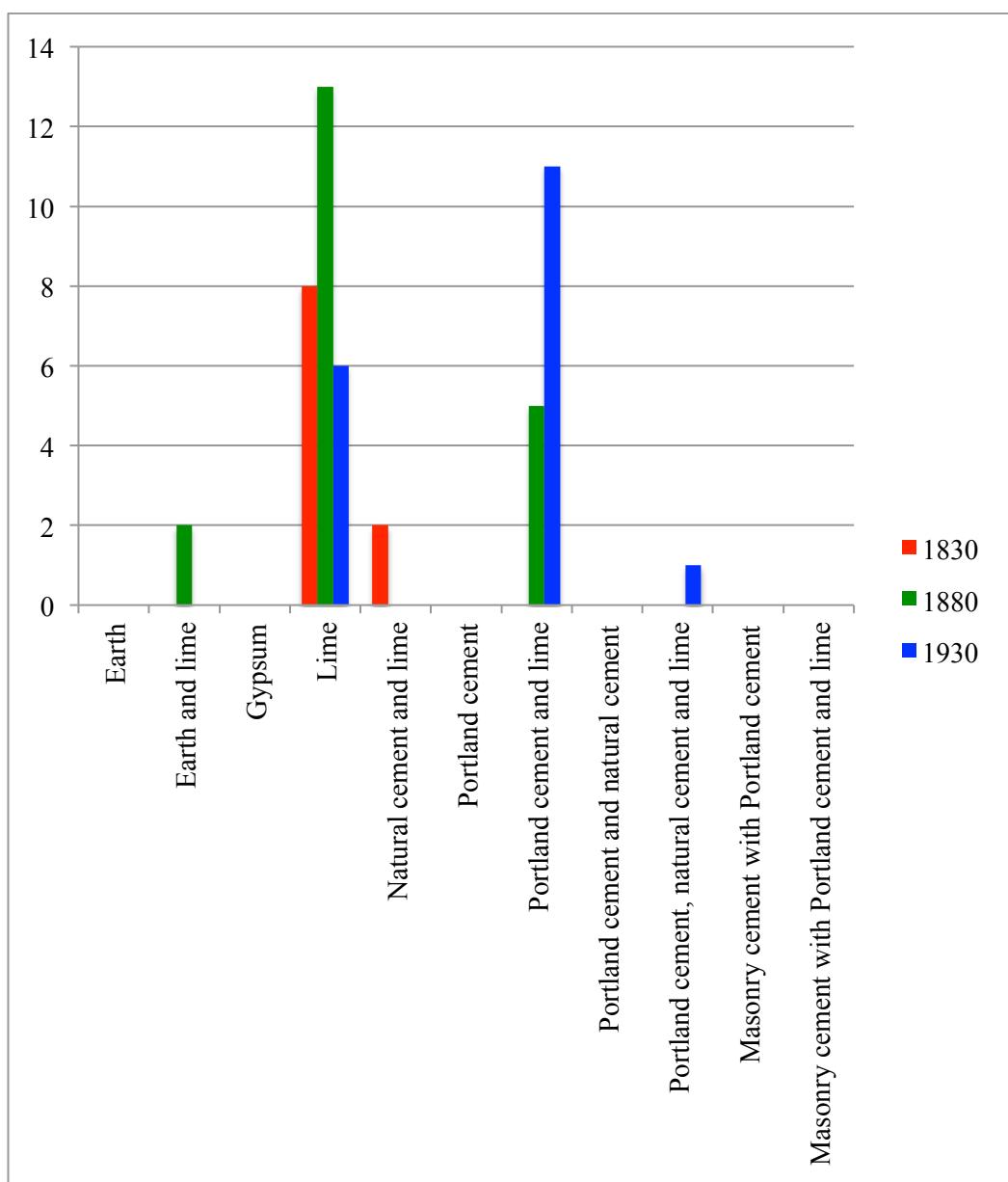
C94: Table of the frequency and relative percentage of mortar samples with each binder type collected in European American communities - Detailed.



C95: Chart of the frequency of mortar samples with each binder type collected in African and European American communities - Detailed.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	-	1	-	0.0	1.5	0.0
Earth and lime	-	2	-	0.0	3.0	0.0
Earth and rock lime	-	-	-	0.0	0.0	0.0
Earth and marble lime	-	-	-	0.0	0.0	0.0
Gypsum	-	1	-	0.0	1.5	0.0
Lime	3	30	9	13.6	44.8	12.5
Rock lime	4	12	1	18.2	17.9	1.4
Marble lime	15	7	-	68.2	10.4	0.0
Shell lime	-	-	-	0.0	0.0	0.0
Dry hydrate lime	-	-	1	0.0	0.0	1.4
Lime tabby	-	-	-	0.0	0.0	0.0
Marble lime tabby	-	-	-	0.0	0.0	0.0
Shell lime tabby	-	-	-	0.0	0.0	0.0
Natural cement and lime	-	8	-	0.0	11.9	0.0
Natural cement and rock lime	-	2	-	0.0	3.0	0.0
Portland cement	-	1	-	0.0	1.5	0.0
Portland cement and lime	-	3	40	0.0	4.5	55.6
Portland cement and rock lime	-	-	-	0.0	0.0	0.0
Portland cement and dry hydrate lime	-	-	3	0.0	0.0	4.2
Portland cement and natural cement	-	-	1	0.0	0.0	1.4
Portland cement, natural cement and lime	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement	-	-	1	0.0	0.0	1.4
Masonry cement with Portland cement and lime	-	-	16	0.0	0.0	22.2
Total	22	67	72	100.0	100.0	100.0

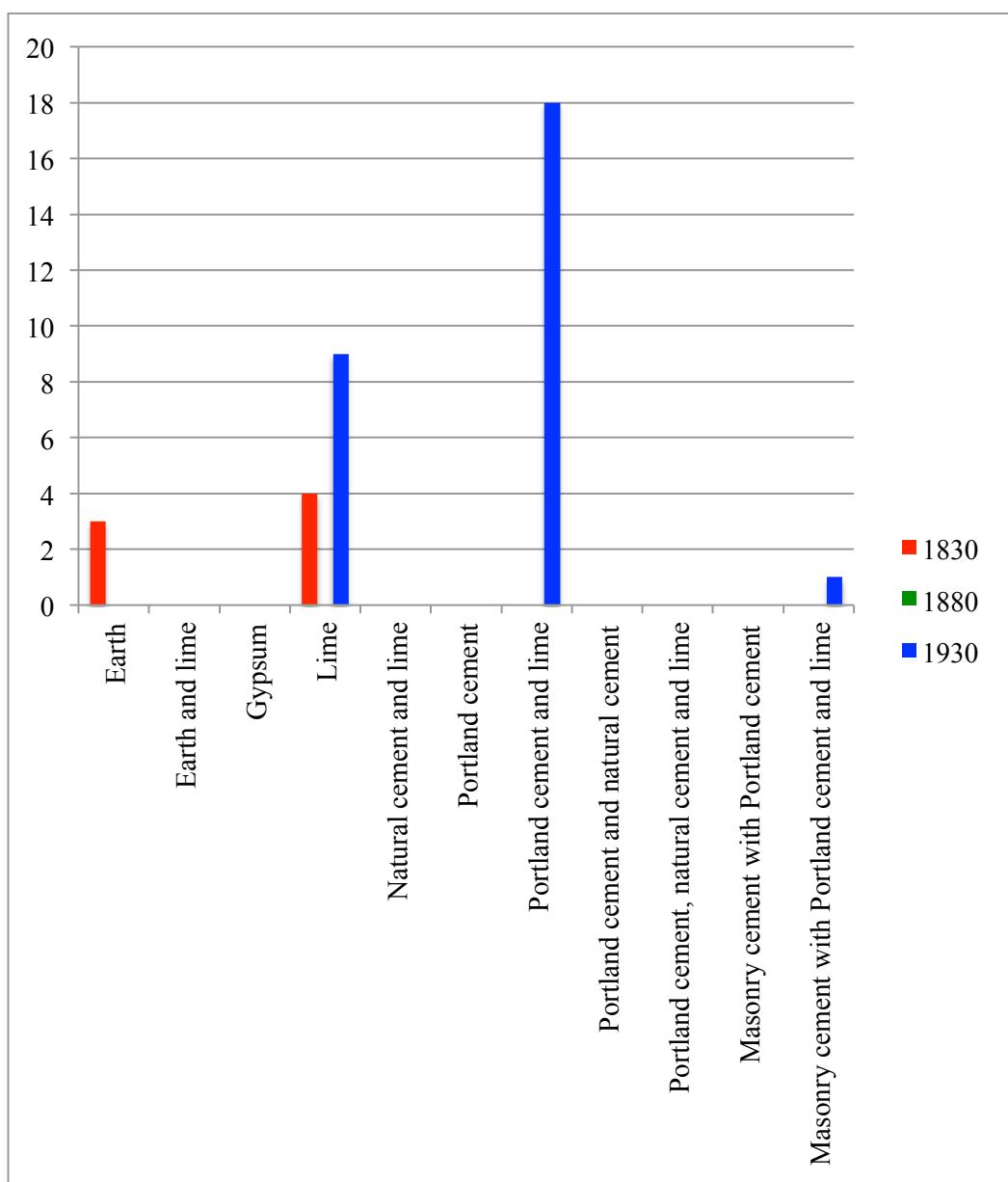
C96: Table of the frequency and relative percentage of mortar samples with each binder type collected in African and European American communities - Detailed.



C97: Chart of the frequency of mortar samples with each binder type collected in African American communities - Summary.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	-	-	-	0.0	0.0	0.0
Earth and lime	-	2	-	0.0	10.0	0.0
Gypsum	-	-	-	0.0	0.0	0.0
Lime	8	13	6	80.0	65.0	33.3
Natural cement and lime	2	-	-	20.0	0.0	0.0
Portland cement	-	-	-	0.0	0.0	0.0
Portland cement and lime	-	5	11	0.0	25.0	61.1
Portland cement and natural cement	-	-	-	0.0	0.0	0.0
Portland cement, natural cement and lime	-	-	1	0.0	0.0	5.6
Masonry cement with Portland cement	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement and lime	-	-	-	0.0	0.0	0.0
Total	10	20	18	100.0	100.0	100.0

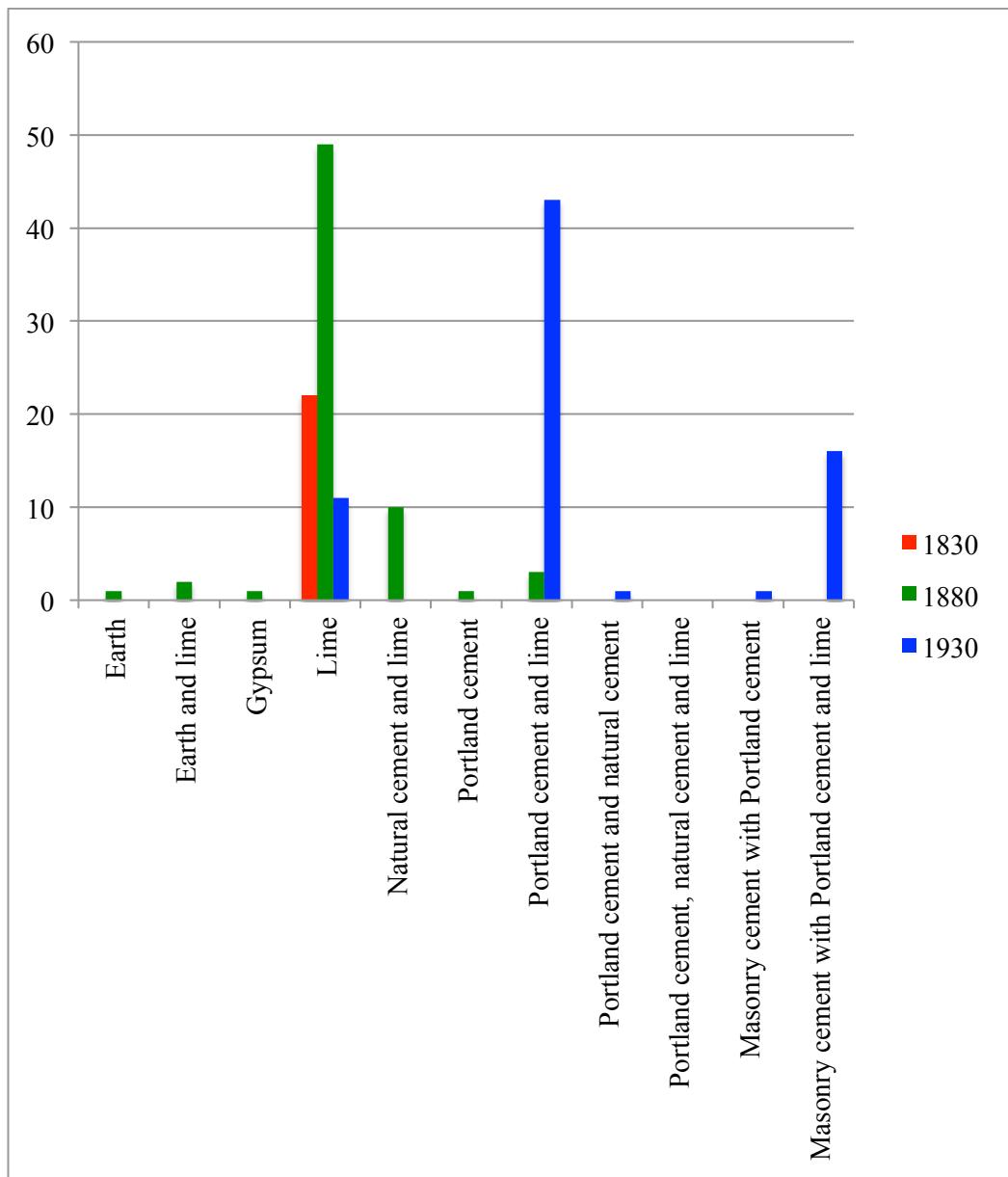
C98: Table of the frequency and relative percentage of mortar samples with each binder type collected in African American communities - Summary.



C99: Chart of the frequency of mortar samples with each binder type collected in European American communities - Summary.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	3	-	-	42.9	0.0	0.0
Earth and lime	-	-	-	0.0	0.0	0.0
Gypsum	-	-	-	0.0	0.0	0.0
Lime	4	-	9	57.1	0.0	32.1
Natural cement and lime	-	-	-	0.0	0.0	0.0
Portland cement	-	-	-	0.0	0.0	0.0
Portland cement and lime	-	-	18	0.0	0.0	64.3
Portland cement and natural cement	-	-	-	0.0	0.0	0.0
Portland cement, natural cement and lime	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement and lime	-	-	1	0.0	0.0	3.6
Total	7	0	28	100.0	0.0	100.0

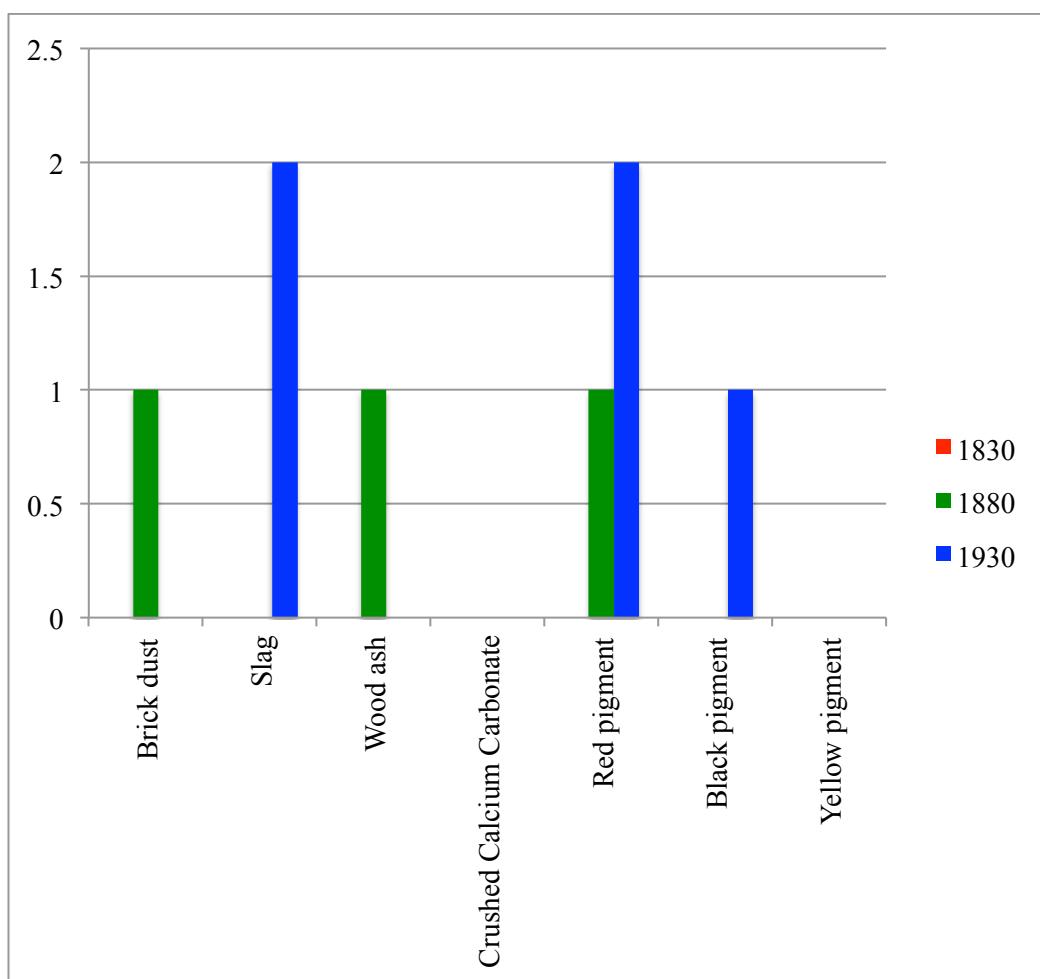
C100: Table of the frequency and relative percentage of mortar samples with each binder type collected in European American communities - Summary.



C101: Chart of the frequency of mortar samples with each binder type collected in African and European American communities - Summary.

Binder	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Earth	-	1	-	0.0	1.5	0.0
Earth and lime	-	2	-	0.0	3.0	0.0
Gypsum	-	1	-	0.0	1.5	0.0
Lime	22	49	11	100.0	73.1	15.3
Natural cement and lime	-	10	-	0.0	14.9	0.0
Portland cement	-	1	-	0.0	1.5	0.0
Portland cement and lime	-	3	43	0.0	4.5	59.7
Portland cement and natural cement	-	-	1	0.0	0.0	1.4
Portland cement, natural cement and lime	-	-	-	0.0	0.0	0.0
Masonry cement with Portland cement	-	-	1	0.0	0.0	1.4
Masonry cement with Portland cement and lime	-	-	16	0.0	0.0	22.2
Total	22	67	72	100.0	100.0	100.0

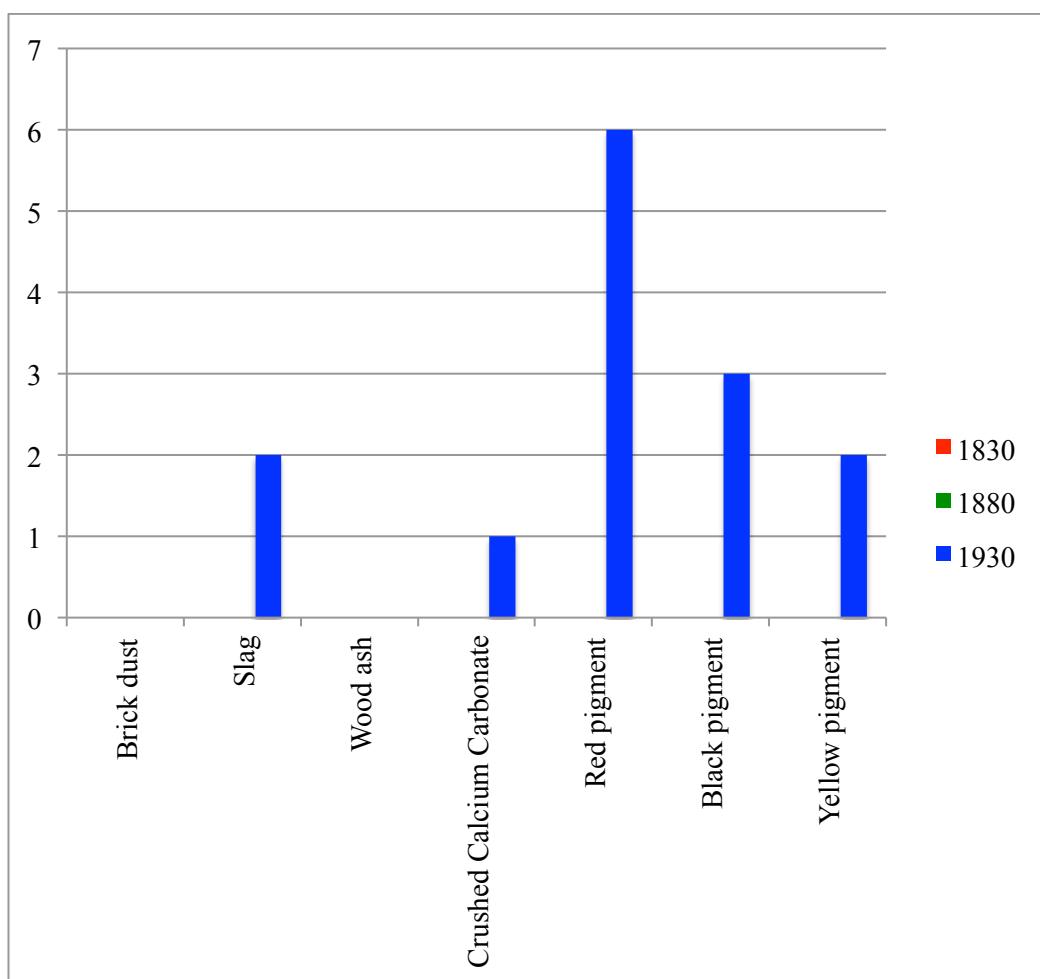
C102: Table of the frequency and relative percentage of mortar samples with each binder type collected in African and European American communities - Summary.



C103: Chart of the frequency of mortar samples with each additive collected in African American communities.

Additives	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Brick dust	-	1	-	0.0	33.3	0.0
Slag	-	-	2	0.0	0.0	40.0
Wood ash	-	1	-	0.0	33.3	0.0
Crushed Calcium Carbonate	-	-	-	0.0	0.0	0.0
Red pigment	-	1	2	0.0	33.3	40.0
Black pigment	-	-	1	0.0	0.0	20.0
Yellow pigment	-	-	-	0.0	0.0	0.0
Total	0	3	5	0.0	100.0	100.0

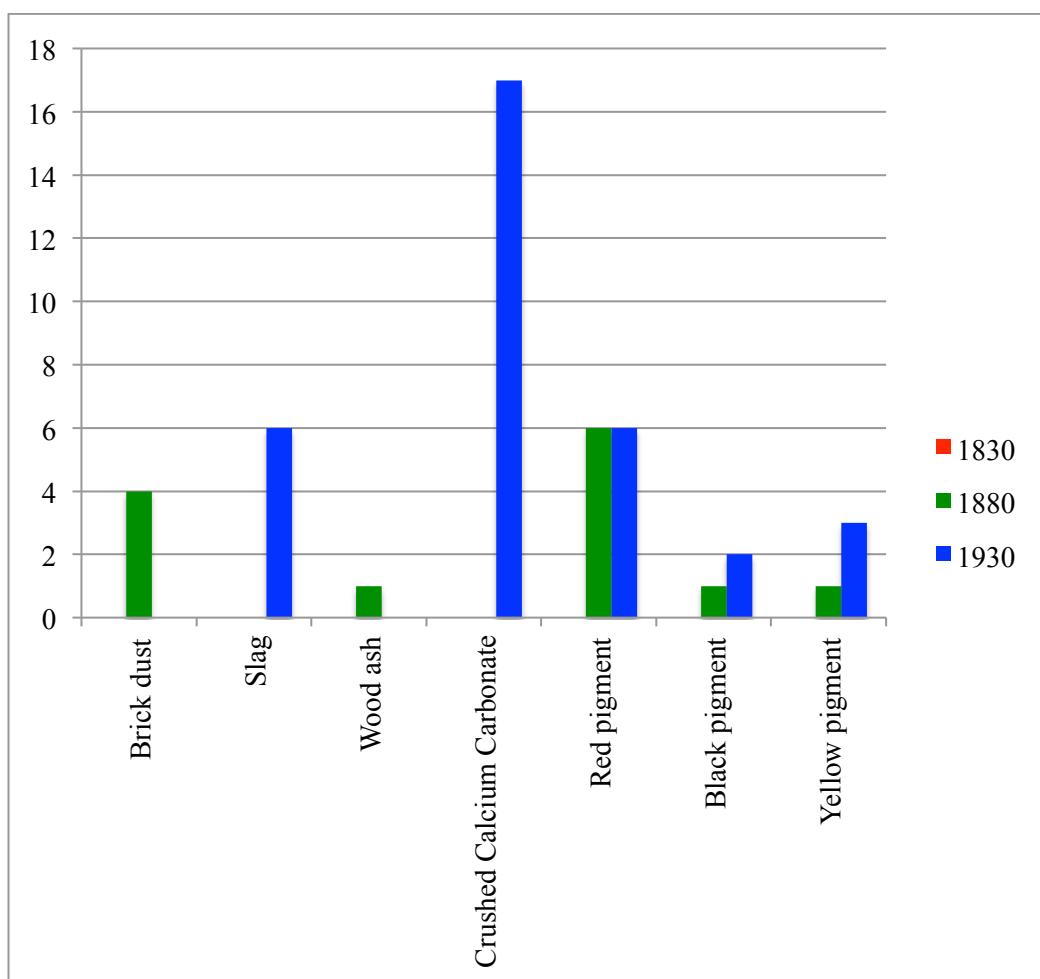
C104: Table of the frequency and relative percentage of mortar samples with each additive collected in African American communities.



C105: Chart of the frequency of mortar samples with each additive collected in European American communities.

Additives	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Brick dust	-	-	-	0.0	0.0	0.0
Slag	-	-	2	0.0	0.0	14.3
Wood ash	-	-	-	0.0	0.0	0.0
Crushed Calcium Carbonate	-	-	1	0.0	0.0	7.1
Red pigment	-	-	6	0.0	0.0	42.9
Black pigment	-	-	3	0.0	0.0	21.4
Yellow pigment	-	-	2	0.0	0.0	14.3
Total	0	0	14	0.0	0.0	100.0

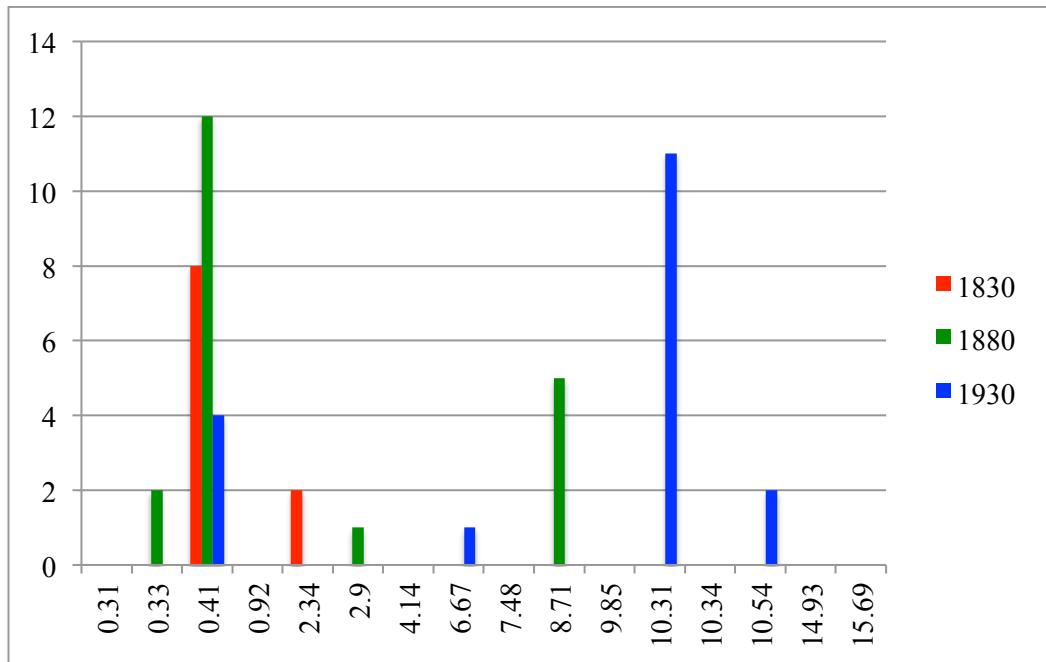
C106: Table of the frequency and relative percentage of mortar samples with each additive collected in European American communities.



C107: Chart of the frequency of mortar samples with each additive collected in African and European American communities.

Additives	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Brick dust	-	4	-	0.0	30.8	0.0
Slag	-	-	6	0.0	0.0	17.6
Wood ash	-	1	-	0.0	7.7	0.0
Crushed Calcium Carbonate	-	-	17	0.0	0.0	50.0
Red pigment	-	6	6	0.0	46.2	17.6
Black pigment	-	1	2	0.0	7.7	5.9
Yellow pigment	-	1	3	0.0	7.7	8.8
Total	0	13	34	0.0	100.0	100.0

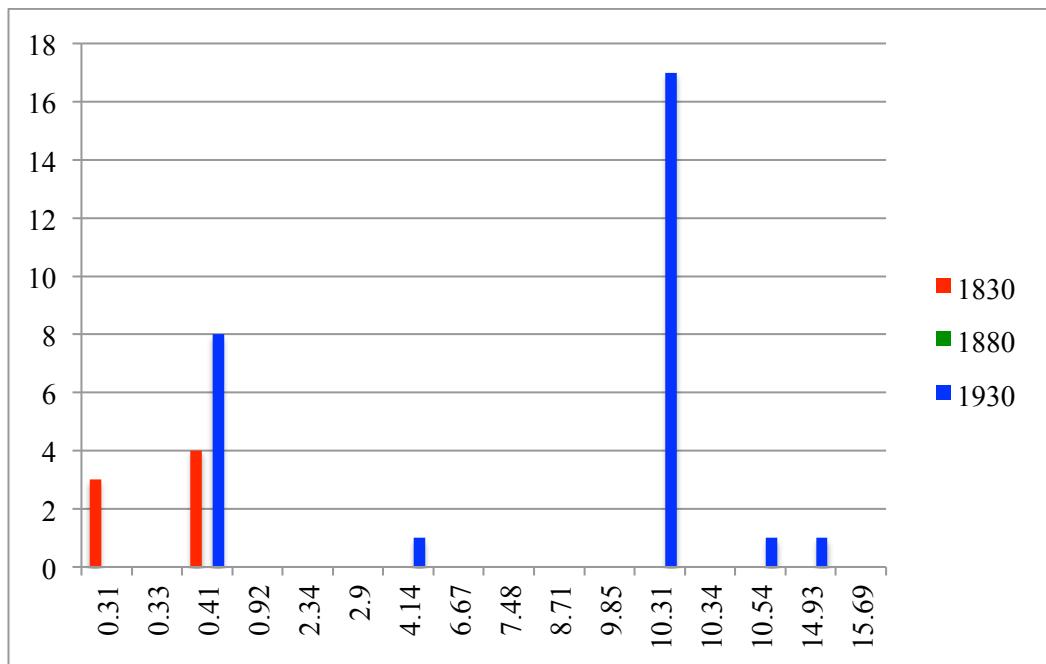
C108: Table of the frequency and relative percentage of mortar samples with each additive collected in African and European American communities.



C109: Chart of the frequency of each estimated compressive strength for mortar samples collected in African American communities.

Estimated Compressive Strength (Mpa)	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
0.31	-	-	-	0.0	0.0	0.0
0.33	-	2	-	0.0	10.0	0.0
0.41	8	12	4	80.0	60.0	22.2
0.92	-	-	-	0.0	0.0	0.0
2.34	2	-	-	20.0	0.0	0.0
2.9	-	1	-	0.0	5.0	0.0
4.14	-	-	-	0.0	0.0	0.0
6.67	-	-	1	0.0	0.0	5.6
7.48	-	-	-	0.0	0.0	0.0
8.71	-	5	-	0.0	25.0	0.0
9.85	-	-	-	0.0	0.0	0.0
10.31	-	-	11	0.0	0.0	61.1
10.34	-	-	-	0.0	0.0	0.0
10.54	-	-	2	0.0	0.0	11.1
14.93	-	-	-	0.0	0.0	0.0
15.69	-	-	-	0.0	0.0	0.0
Total	10	20	18	100.0	100.0	100.0

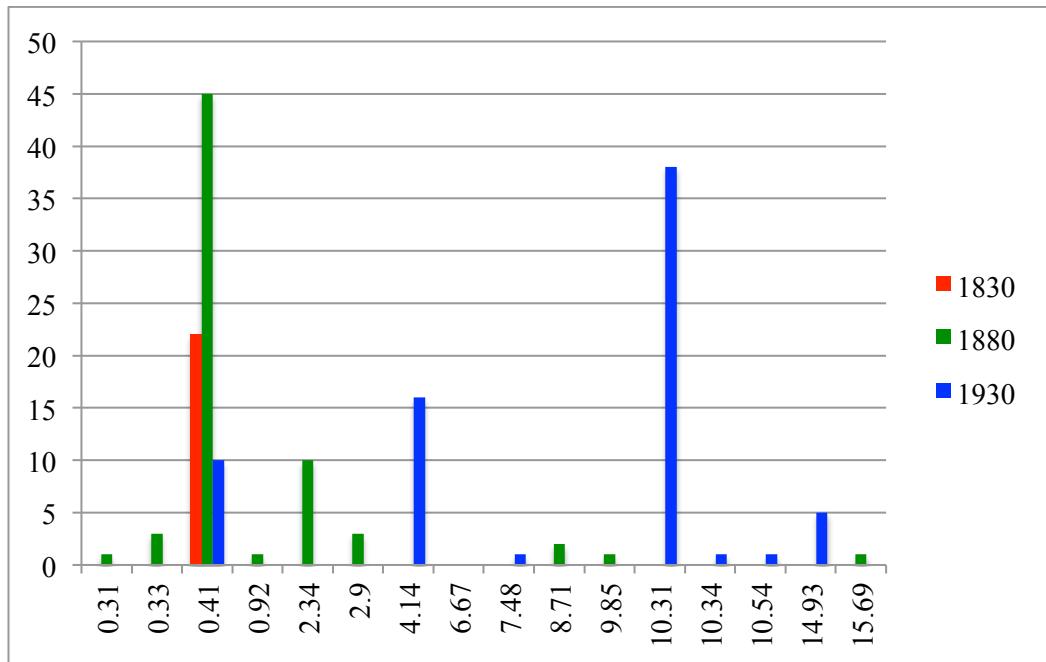
C110: Table of the frequency and relative percentage of each estimated compressive strength for mortar samples collected in African American communities.



C111: Chart of the frequency of each estimated compressive strength for mortar samples collected in European American communities.

Estimated Compressive Strength (Mpa)	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
0.31	3	-	-	42.9	0.0	0.0
0.33	-	-	-	0.0	0.0	0.0
0.41	4	-	8	57.1	0.0	28.6
0.92	-	-	-	0.0	0.0	0.0
2.34	-	-	-	0.0	0.0	0.0
2.9	-	-	-	0.0	0.0	0.0
4.14	-	-	1	0.0	0.0	3.6
6.67	-	-	-	0.0	0.0	0.0
7.48	-	-	-	0.0	0.0	0.0
8.71	-	-	-	0.0	0.0	0.0
9.85	-	-	-	0.0	0.0	0.0
10.31	-	-	17	0.0	0.0	60.7
10.34	-	-	-	0.0	0.0	0.0
10.54	-	-	1	0.0	0.0	3.6
14.93	-	-	1	0.0	0.0	3.6
15.69	-	-	-	0.0	0.0	0.0
Total	7	0	28	100.0	0.0	100.0

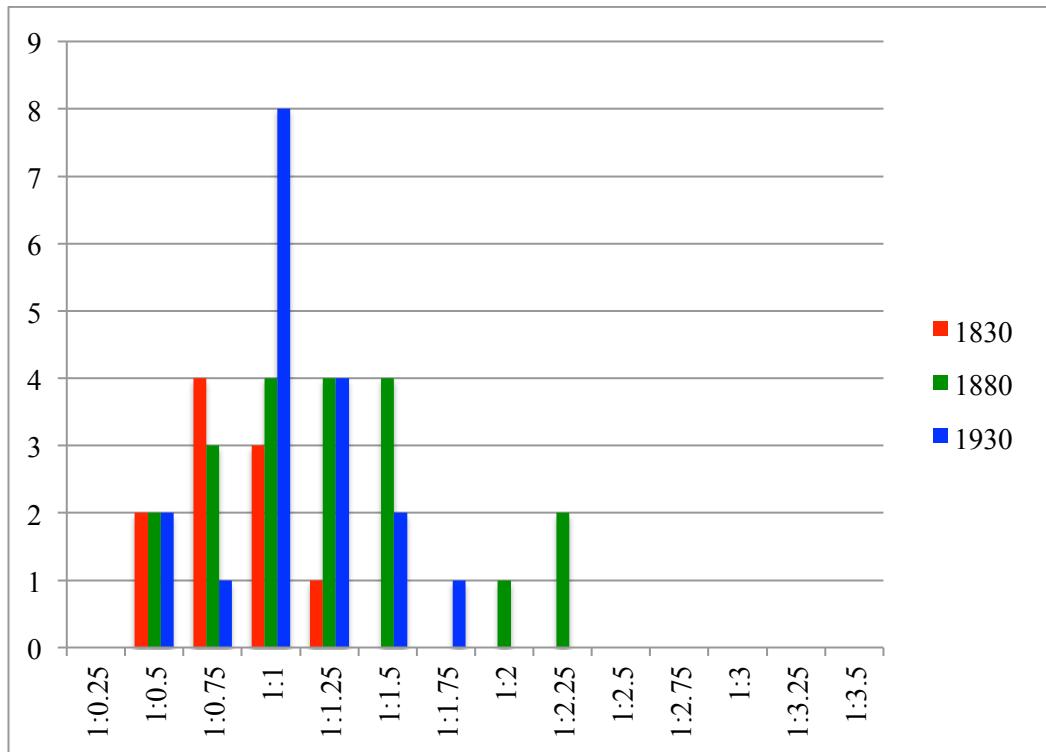
C112: Table of the frequency and relative percentage of each estimated compressive strength for mortar samples collected in European American communities.



C113: Chart of the frequency of each estimated compressive strength for mortar samples collected in African and European American communities.

Estimated Compressive Strength (Mpa)	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
0.31	-	1	-	0.0	1.5	0.0
0.33	-	3	-	0.0	4.5	0.0
0.41	22	45	10	100.0	67.2	13.9
0.92	-	1	-	0.0	1.5	0.0
2.34	-	10	-	0.0	14.9	0.0
2.9	-	3	-	0.0	4.5	0.0
4.14	-	-	16	0.0	0.0	22.2
6.67	-	-	-	0.0	0.0	0.0
7.48	-	-	1	0.0	0.0	1.4
8.71	-	2	-	0.0	3.0	0.0
9.85	-	1	-	0.0	1.5	0.0
10.31	-	-	38	0.0	0.0	52.8
10.34	-	-	1	0.0	0.0	1.4
10.54	-	-	1	0.0	0.0	1.4
14.93	-	-	5	0.0	0.0	6.9
15.69	-	1	-	0.0	1.5	0.0
Total	22	67	72	100.0	100.0	100.0

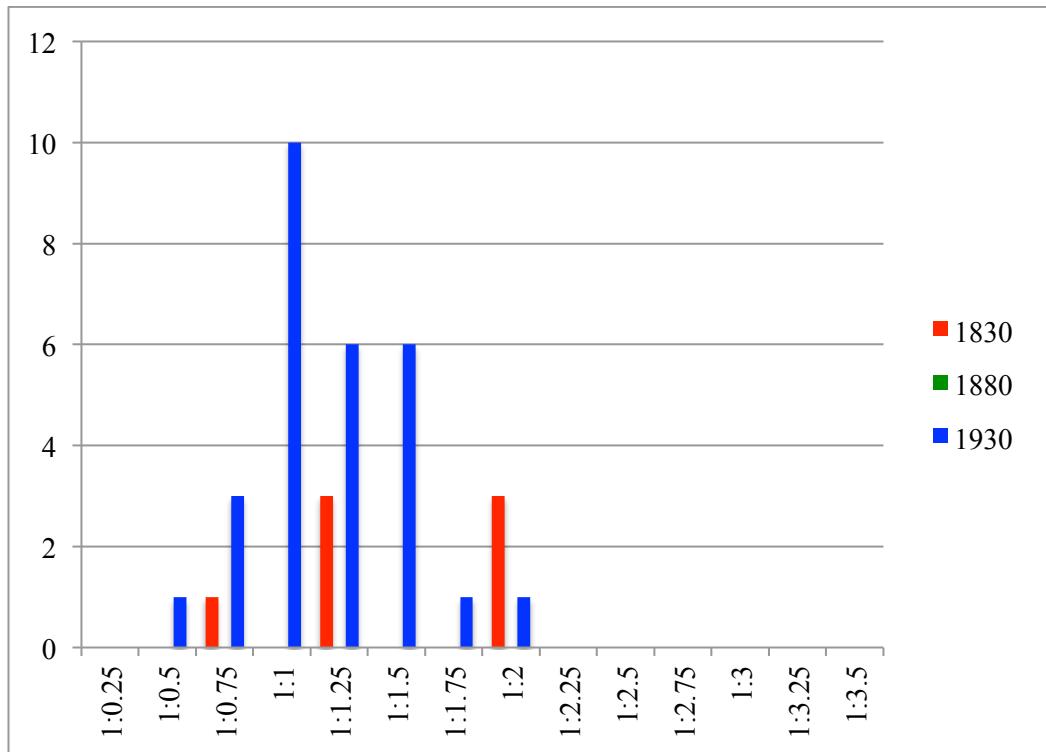
C114: Table of the frequency and relative percentage of each estimated compressive strength for mortar samples collected in African and European American communities.



C115: Chart of the frequency of each of the approximate binder to aggregate ratios for mortar samples collected in African American communities.

Binder to aggregate ratio	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1:0.25	-	-	-	0.0	0.0	0.0
1:0.5	2	2	2	20.0	10.0	11.1
1:0.75	4	3	1	40.0	15.0	5.6
1:1	3	4	8	30.0	20.0	44.4
1:1.25	1	4	4	10.0	20.0	22.2
1:1.5	-	4	2	0.0	20.0	11.1
1:1.75	-	-	1	0.0	0.0	5.6
1:2	-	1	-	0.0	5.0	0.0
1:2.25	-	2	-	0.0	10.0	0.0
1:2.5	-	-	-	0.0	0.0	0.0
1:2.75	-	-	-	0.0	0.0	0.0
1:3	-	-	-	0.0	0.0	0.0
1:3.25	-	-	-	0.0	0.0	0.0
1:3.5	-	-	-	0.0	0.0	0.0
Total	10	20	18	100.0	100.0	100.0

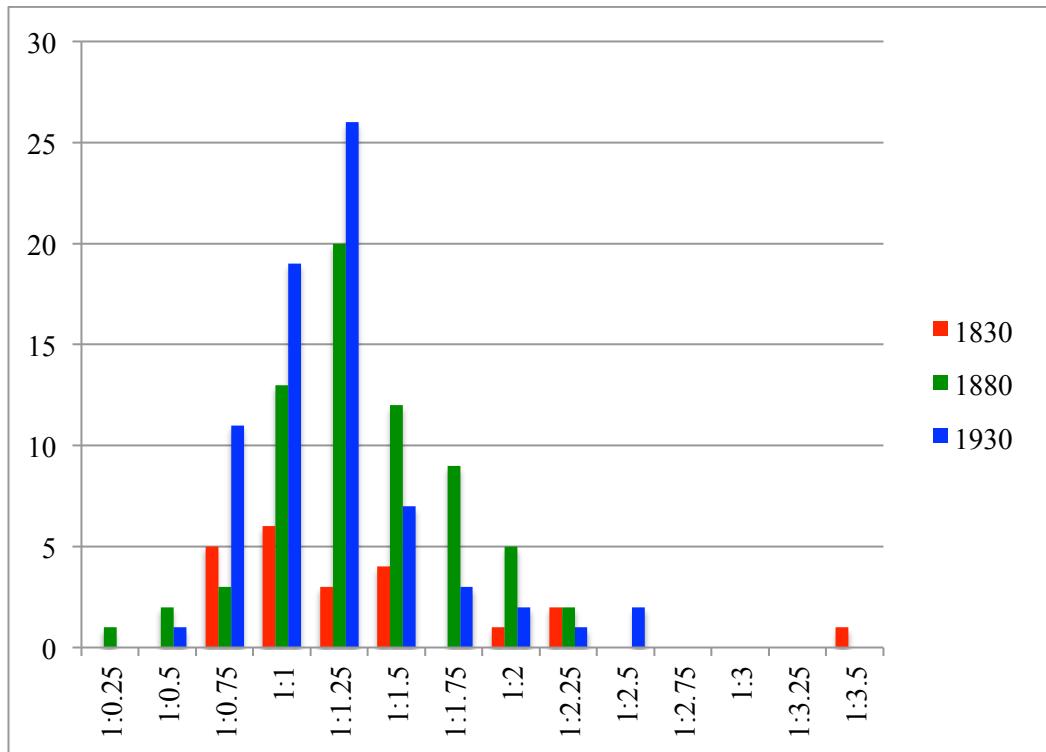
C116: Table of the frequency and relative percentage of each of the approximate binder to aggregate ratios for mortar samples collected in African American communities.



C117: Chart of the frequency of each of the approximate binder to aggregate ratios for mortar samples collected in European American communities.

Binder to aggregate ratio	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1:0.25	-	-	-	0.0	0.0	0.0
1:0.5	-	-	1	0.0	0.0	3.6
1:0.75	1	-	3	14.3	0.0	10.7
1:1	-	-	10	0.0	0.0	35.7
1:1.25	3	-	6	42.9	0.0	21.4
1:1.5	-	-	6	0.0	0.0	21.4
1:1.75	-	-	1	0.0	0.0	3.6
1:2	3	-	1	42.9	0.0	3.6
1:2.25	-	-	-	0.0	0.0	0.0
1:2.5	-	-	-	0.0	0.0	0.0
1:2.75	-	-	-	0.0	0.0	0.0
1:3	-	-	-	0.0	0.0	0.0
1:3.25	-	-	-	0.0	0.0	0.0
1:3.5	-	-	-	0.0	0.0	0.0
Total	7	0	28	100.0	0.0	100.0

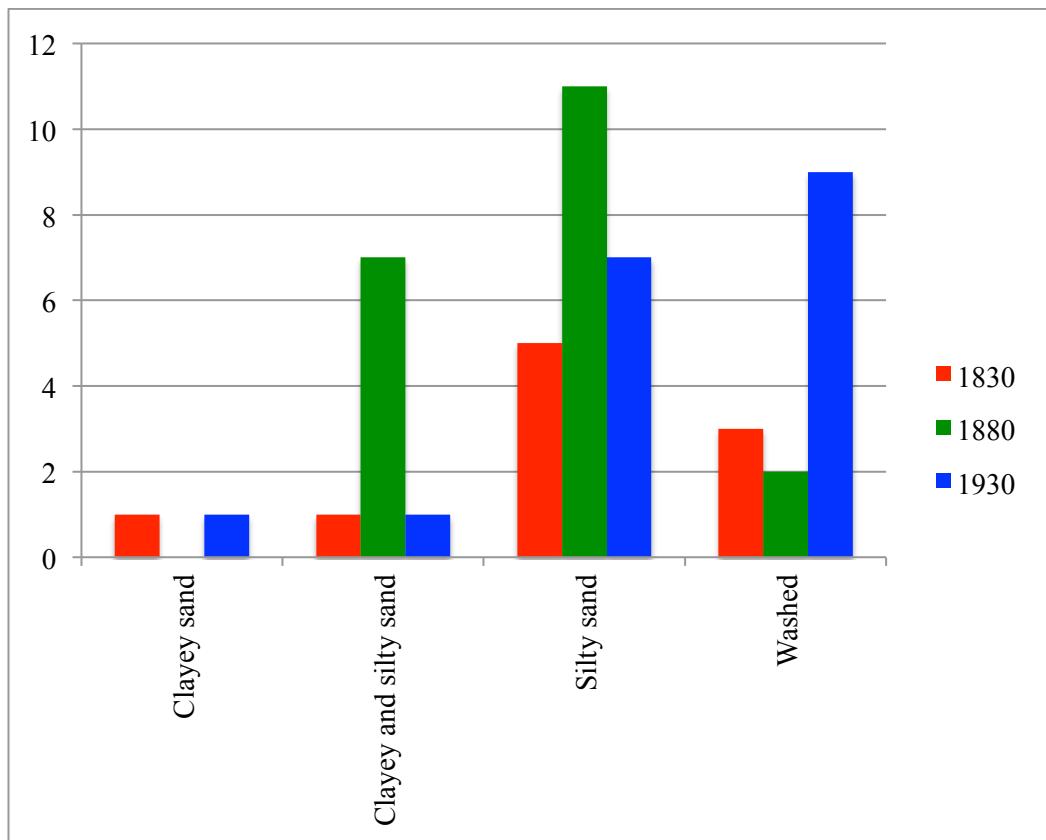
C118: Table of the frequency and relative percentage of each of the approximate binder to aggregate ratios for mortar samples collected in European American communities.



C119: Chart of the frequency of each of the approximate binder to aggregate ratios for mortar samples collected in African and European American communities.

Binder to aggregate ratio	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1:0.25	-	1	-	0.0	1.5	0.0
1:0.5	-	2	1	0.0	3.0	1.4
1:0.75	5	3	11	22.7	4.5	15.3
1:1	6	13	19	27.3	19.4	26.4
1:1.25	3	20	26	13.6	29.9	36.1
1:1.5	4	12	7	18.2	17.9	9.7
1:1.75	-	9	3	0.0	13.4	4.2
1:2	1	5	2	4.5	7.5	2.8
1:2.25	2	2	1	9.1	3.0	1.4
1:2.5	-	-	2	0.0	0.0	2.8
1:2.75	-	-	-	0.0	0.0	0.0
1:3	-	-	-	0.0	0.0	0.0
1:3.25	-	-	-	0.0	0.0	0.0
1:3.5	1	-	-	4.5	0.0	0.0
Total	22	67	72	100.0	100.0	100.0

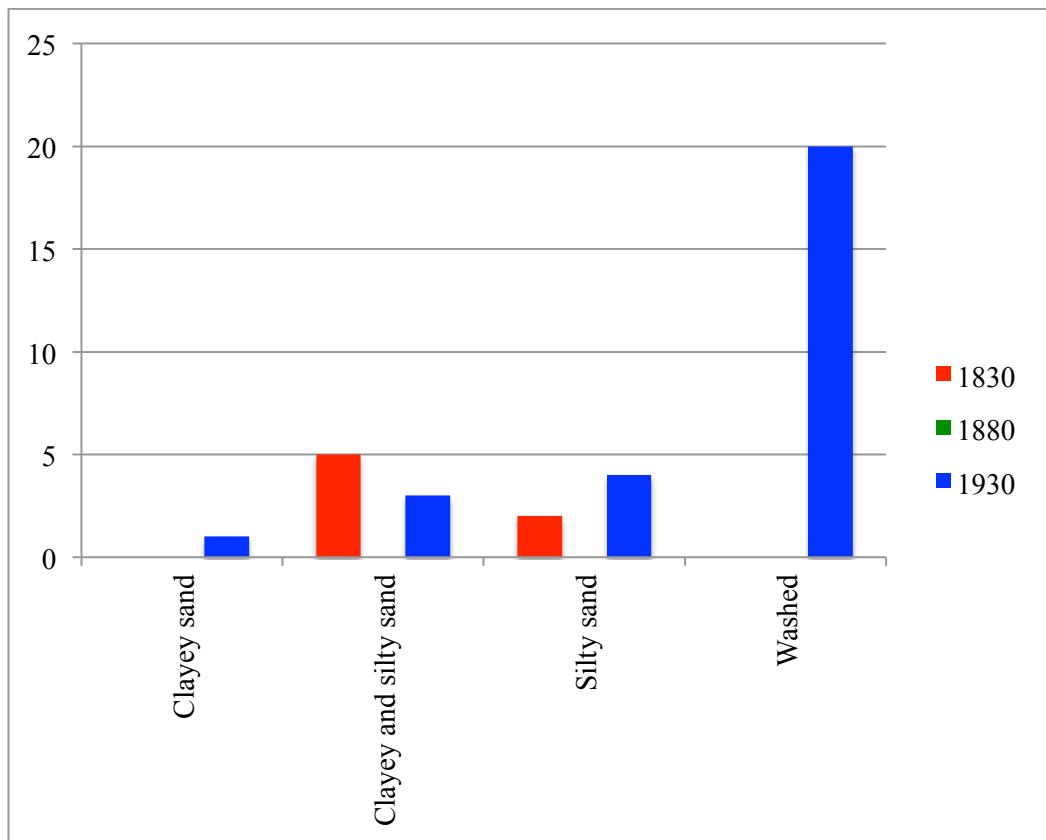
C120: Table of the frequency and relative percentage of each of the approximate binder to aggregate ratios for mortar samples collected in African and European American communities.



C121: Chart of the frequency of each of the aggregate preparation descriptions for mortar samples collected in African American communities.

Aggregate Preparation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Clayey sand	1	-	1	10.0	0.0	5.6
Clayey and silty sand	1	7	1	10.0	35.0	5.6
Silty sand	5	11	7	50.0	55.0	38.9
Washed	3	2	9	30.0	10.0	50.0
Total	9	20	17	90.0	100.0	94.4

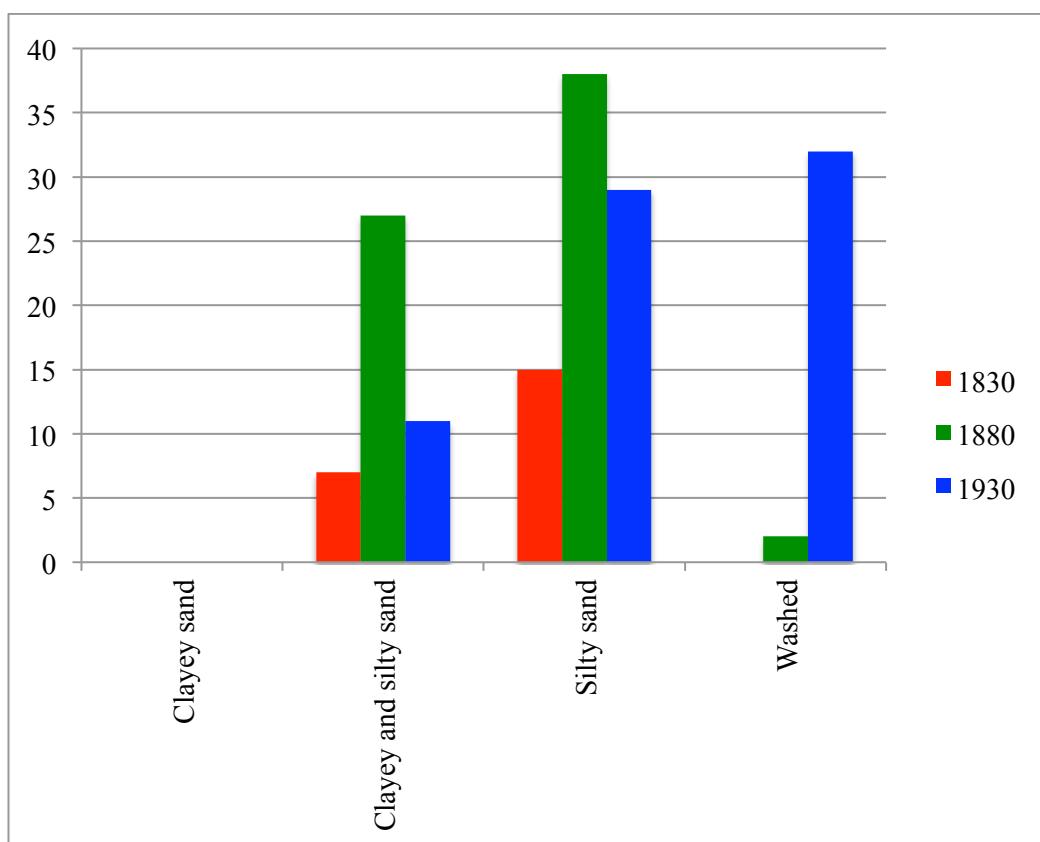
C122: Table of the frequency and relative percentage of each of the aggregate preparation descriptions for mortar samples collected in African American communities.



C123: Chart of the frequency of each of the aggregate preparation descriptions for mortar samples collected in European American communities.

Aggregate Preparation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Clayey sand	-	-	1	0.0	0.0	3.6
Clayey and silty sand	5	-	3	71.4	0.0	10.7
Silty sand	2	-	4	28.6	0.0	14.3
Washed	-	-	20	0.0	0.0	71.4
Total	7	0	27	100.0	0.0	96.4

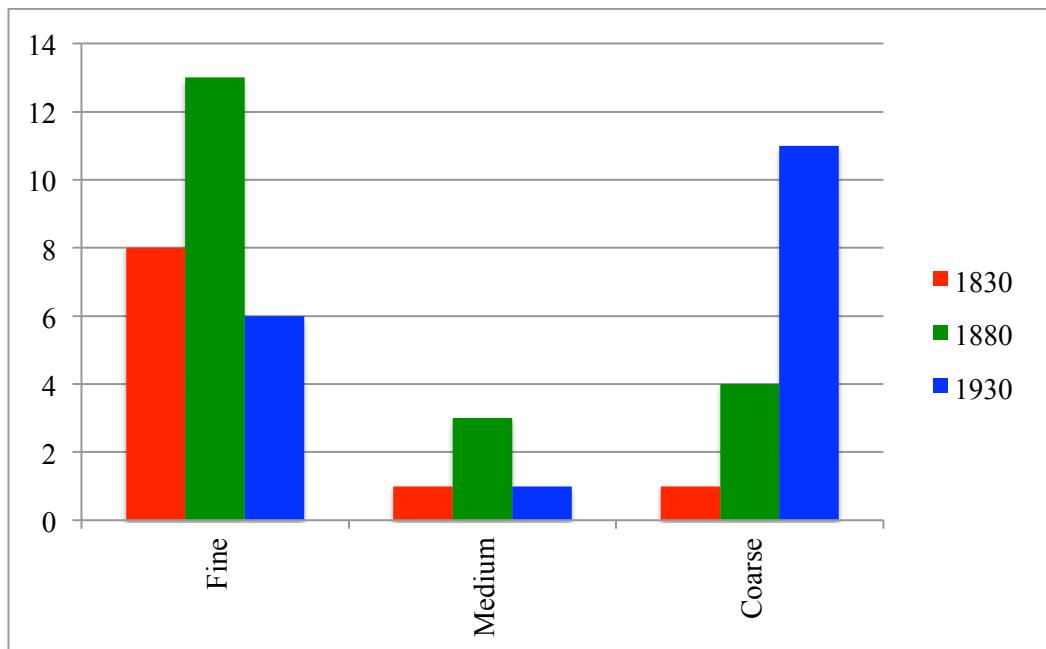
C124: Table of the frequency and relative percentage of each of the aggregate preparation descriptions for mortar samples collected in European American communities.



C125: Chart of the frequency of each of the aggregate preparation descriptions for mortar samples collected in African and European American communities.

Aggregate Preparation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Clayey sand	-	-	-	0.0	0.0	0.0
Clayey and silty sand	7	27	11	31.8	40.3	15.3
Silty sand	15	38	29	68.2	56.7	40.3
Washed	-	2	32	0.0	3.0	44.4
Total	22	67	72	100.0	100.0	100.0

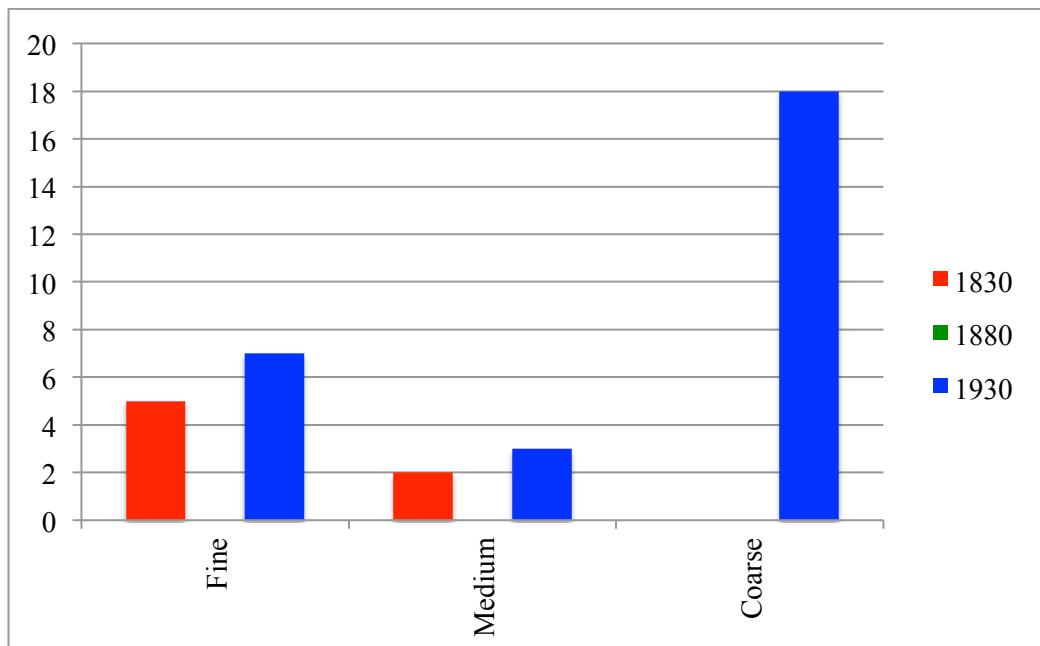
C126: Table of the frequency and relative percentage of each of the aggregate preparation descriptions for mortar samples collected in African and European American communities.



C127: Chart of the frequency of each of the aggregate gradation descriptions for mortar samples collected in African American communities.

Aggregate Gradation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Fine	8	13	6	80.0	65.0	33.3
Medium	1	3	1	10.0	15.0	5.6
Coarse	1	4	11	10.0	20.0	61.1
Total	10	20	18	100.0	100.0	100.0

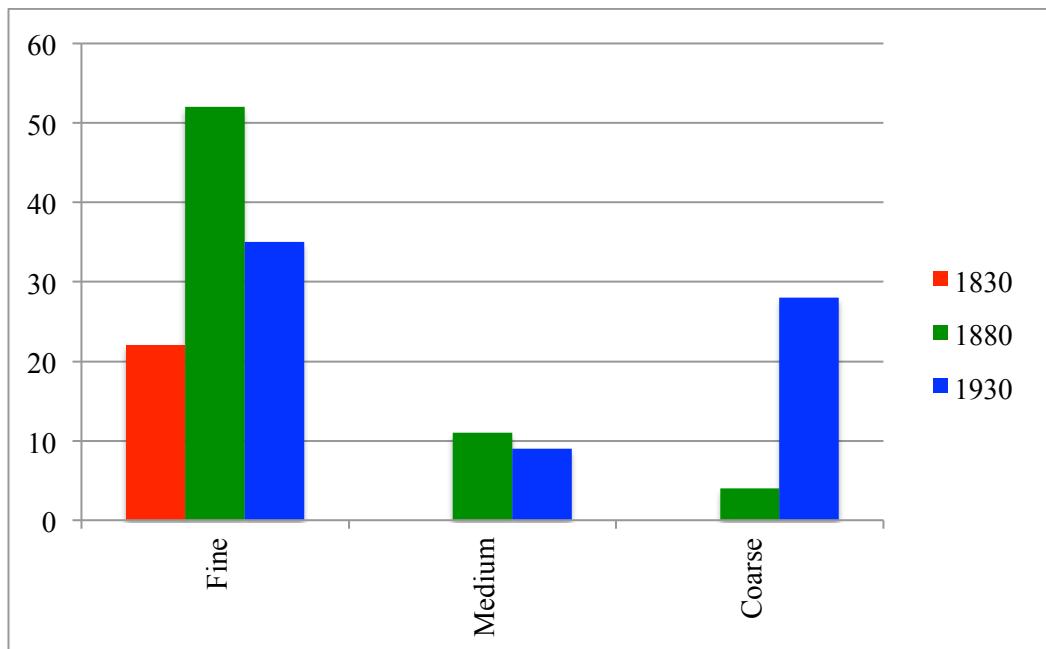
C128: Table of the frequency and relative percentage of each of the aggregate gradation descriptions for mortar samples collected in African American communities.



C129: Chart of the frequency of each of the aggregate gradation descriptions for mortar samples collected in European American communities.

Aggregate Gradation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Fine	5	-	7	71.4	0.0	25.0
Medium	2	-	3	28.6	0.0	10.7
Coarse	-	-	18	0.0	0.0	64.3
Total	7	0	28	100.0	0.0	100.0

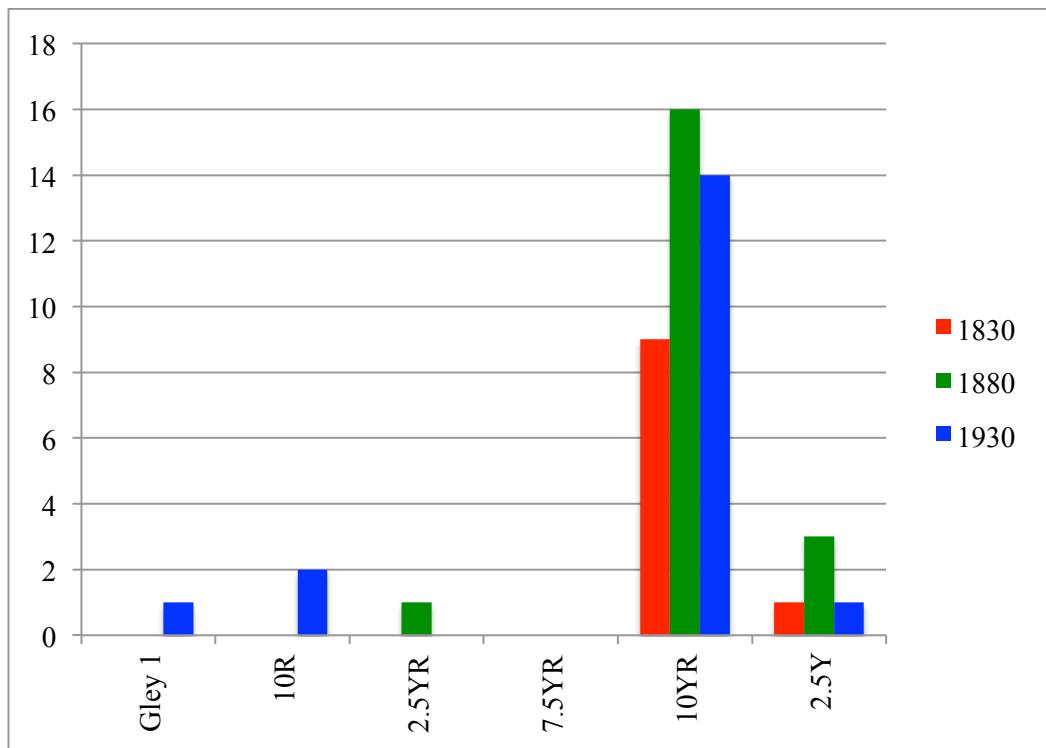
C130: Table of the frequency and relative percentage of each of the aggregate gradation descriptions for mortar samples collected in European American communities.



C131: Chart of the frequency of each of the aggregate gradation descriptions for mortar samples collected in African and European American communities.

Aggregate Gradation	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Fine	22	52	35	100.0	77.6	48.6
Medium	-	11	9	0.0	16.4	12.5
Coarse	-	4	28	0.0	6.0	38.9
Total	22	67	72	100.0	100.0	100.0

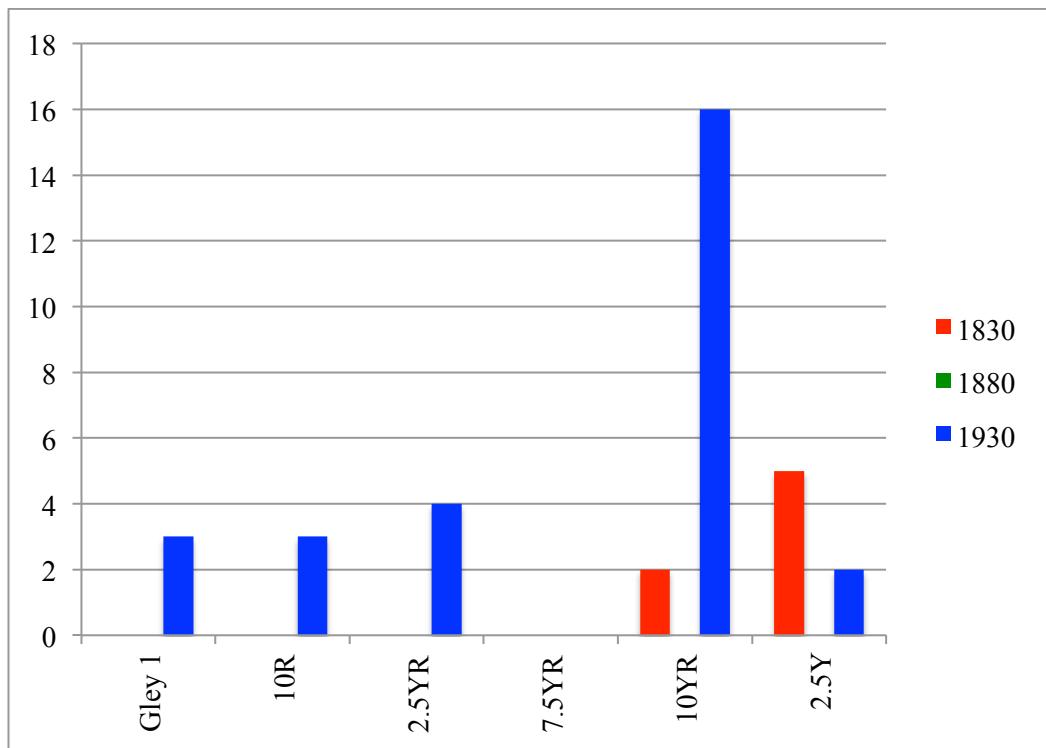
C132: Table of the frequency and relative percentage of each of the aggregate gradation descriptions for mortar samples collected in African and European American communities.



C133: Chart of the frequency of each of the Munsell Soil Color hues of mortar samples collected in African American communities.

Munsell Soil Color Hue	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Gley 1	-	-	1	0.0	0.0	5.6
10R	-	-	2	0.0	0.0	11.1
2.5YR	-	1	-	0.0	5.0	0.0
7.5YR	-	-	-	0.0	0.0	0.0
10YR	9	16	14	90.0	80.0	77.8
2.5Y	1	3	1	10.0	15.0	5.6
Total	10	20	18	100.0	100.0	100.0

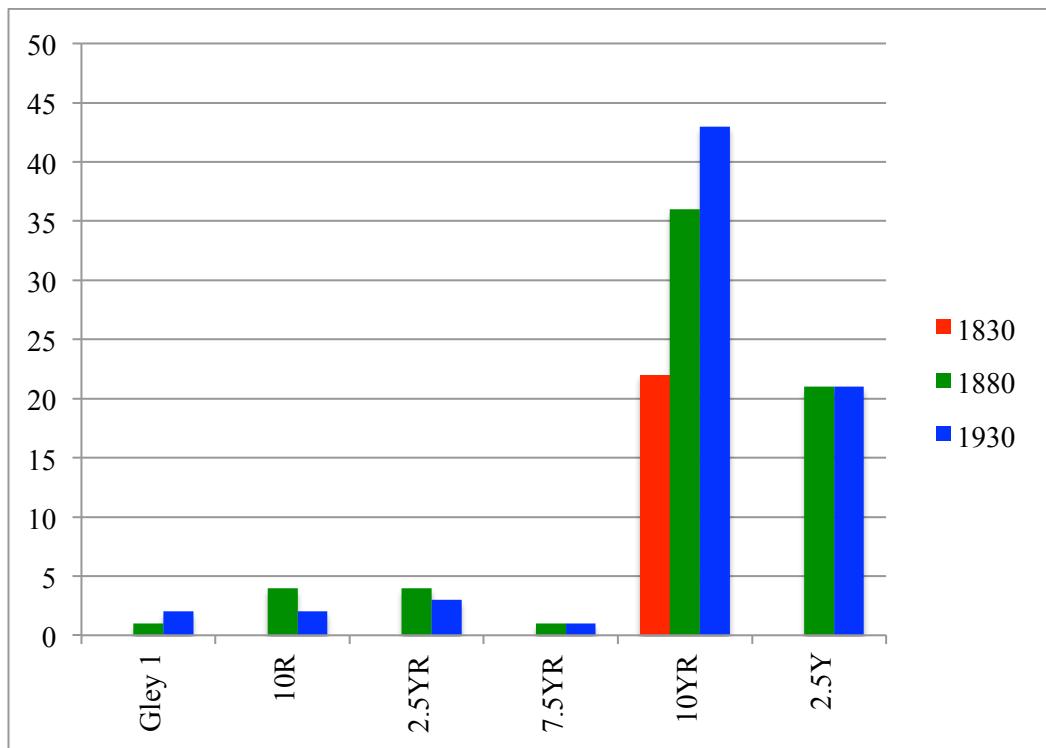
C134: Table of the frequency and relative percentage of each of the Munsell Soil Color hues of mortar samples collected in African American communities.



C135: Chart of the frequency of each of the Munsell Soil Color hues of mortar samples collected in European American communities.

Munsell Soil Color Hue	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Gley 1	-	-	3	0.0	0.0	10.7
10R	-	-	3	0.0	0.0	10.7
2.5YR	-	-	4	0.0	0.0	14.3
7.5YR	-	-	-	0.0	0.0	0.0
10YR	2	-	16	28.6	0.0	57.1
2.5Y	5	-	2	71.4	0.0	7.1
Total	7	0	28	100.0	0.0	100.0

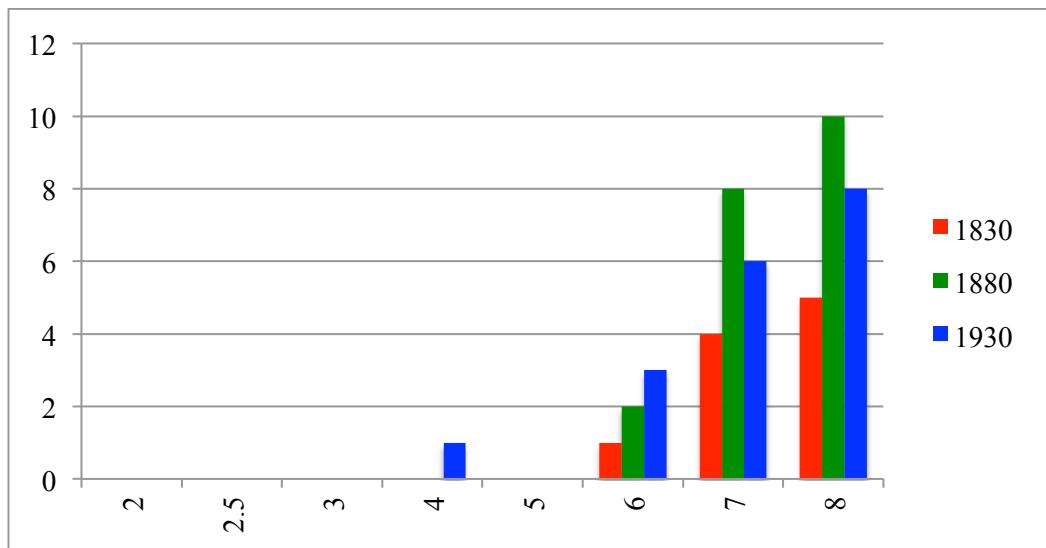
C136: Table of the frequency and relative percentage of each of the Munsell Soil Color hues of mortar samples collected in European American communities.



C137: Chart of the frequency of each of the Munsell Soil Color hues of mortar samples collected in African and European American communities.

Munsell Soil Color Hue	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
Gley 1	-	1	2	0.0	1.5	2.8
10R	-	4	2	0.0	6.0	2.8
2.5YR	-	4	3	0.0	6.0	4.2
7.5YR	-	1	1	0.0	1.5	1.4
10YR	22	36	43	100.0	53.7	59.7
2.5Y	-	21	21	0.0	31.3	29.2
Total	22	67	72	100.0	100.0	100.0

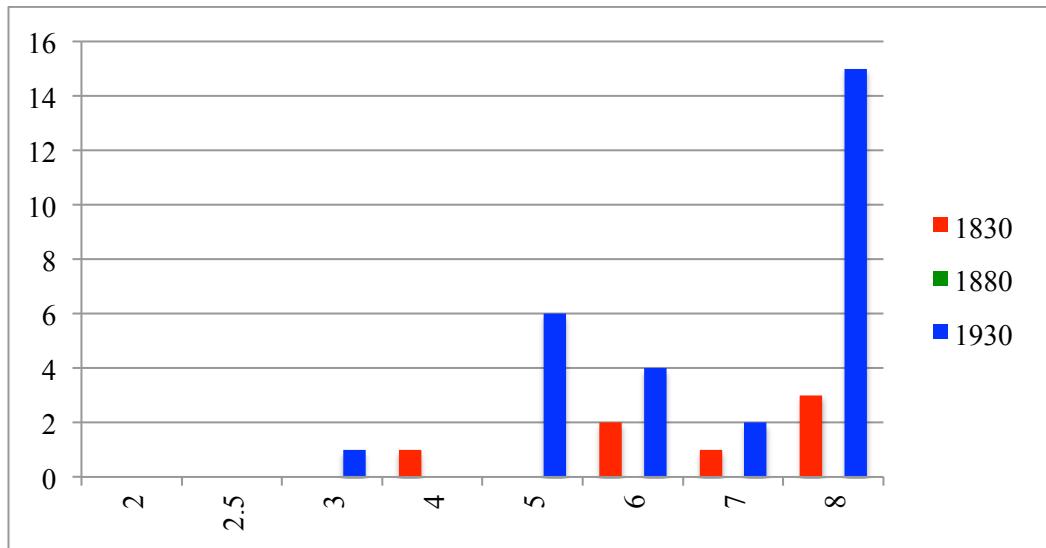
C138: Table of the frequency and relative percentage of each of the Munsell Soil Color hues of mortar samples collected in African and European American communities.



C139: Chart of the frequency of each of the Munsell Soil Color values of mortar samples collected in African American communities.

Munsell Soil Color Value	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
2	-	-	-	0.0	0.0	0.0
2.5	-	-	-	0.0	0.0	0.0
3	-	-	-	0.0	0.0	0.0
4	-	-	1	0.0	0.0	5.6
5	-	-	-	0.0	0.0	0.0
6	1	2	3	10.0	10.0	16.7
7	4	8	6	40.0	40.0	33.3
8	5	10	8	50.0	50.0	44.4
Total	10	20	18	100.0	100.0	100.0

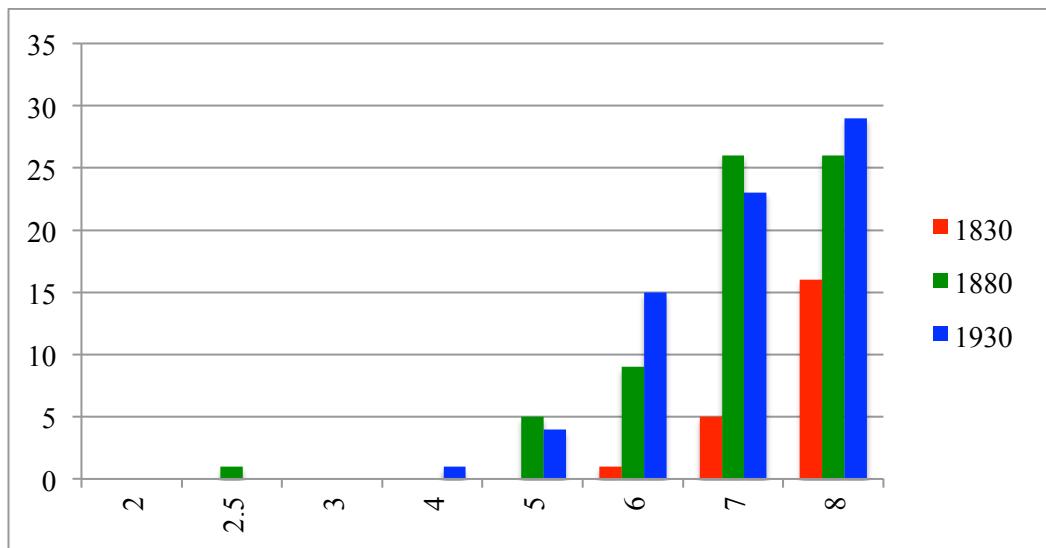
C140: Table of the frequency and relative percentage of each of the Munsell Soil Color values of mortar samples collected in African American communities.



C141: Chart of the frequency of each of the Munsell Soil Color values of mortar samples collected in European American communities.

Munsell Soil Color Value	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
2	-	-	-	0.0	0.0	0.0
2.5	-	-	-	0.0	0.0	0.0
3	-	-	1	0.0	0.0	3.6
4	1	-	-	14.3	0.0	0.0
5	-	-	6	0.0	0.0	21.4
6	2	-	4	28.6	0.0	14.3
7	1	-	2	14.3	0.0	7.1
8	3	-	15	42.9	0.0	53.6
Total	7	0	28	100.0	0.0	100.0

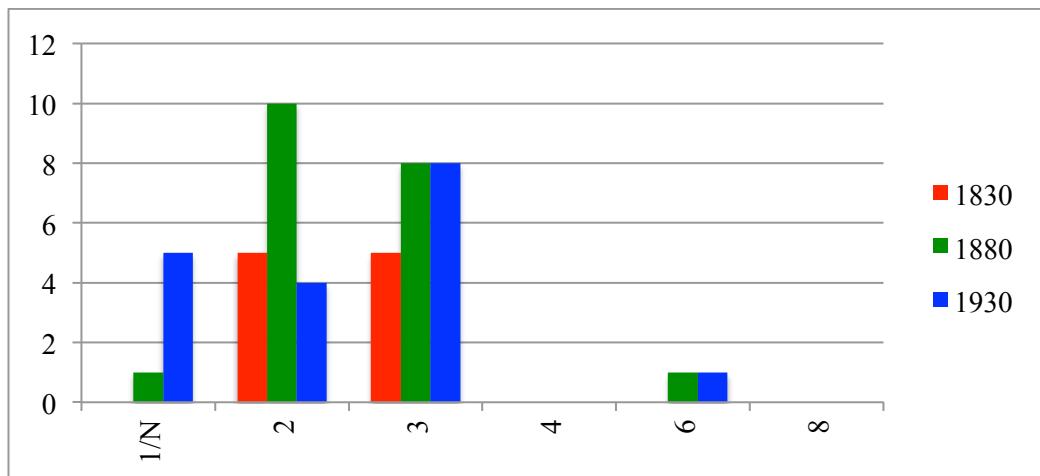
C142: Table of the frequency and relative percentage of each of the Munsell Soil Color values of mortar samples collected in European American communities.



C143: Chart of the frequency of each of the Munsell Soil Color values of mortar samples collected in African and European American communities.

Munsell Soil Color Value	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
2	-	-	-	0.0	0.0	0.0
2.5	-	1	-	0.0	1.5	0.0
3	-	-	-	0.0	0.0	0.0
4	-	-	1	0.0	0.0	1.4
5	-	5	4	0.0	7.5	5.6
6	1	9	15	4.5	13.4	20.8
7	5	26	23	22.7	38.8	31.9
8	16	26	29	72.7	38.8	40.3
Total	22	67	72	100.0	100.0	100.0

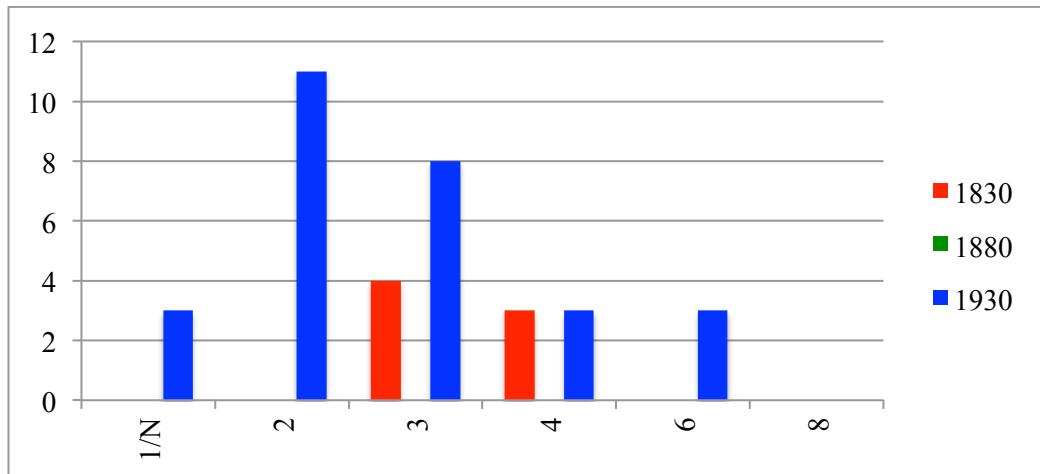
C144: Table of the frequency and relative percentage of each of the Munsell Soil Color values of mortar samples collected in African and European American communities.



C145: Chart of the frequency of each of the Munsell Soil Color chromas of mortar samples collected in African American communities.

Munsell Soil Color Chroma	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1/N	-	1	5	0.0	5.0	27.8
2	5	10	4	50.0	50.0	22.2
3	5	8	8	50.0	40.0	44.4
4	-	-	-	0.0	0.0	0.0
6	-	1	1	0.0	5.0	5.6
8	-	-	-	0.0	0.0	0.0
Total	10	20	18	100.0	100.0	100.0

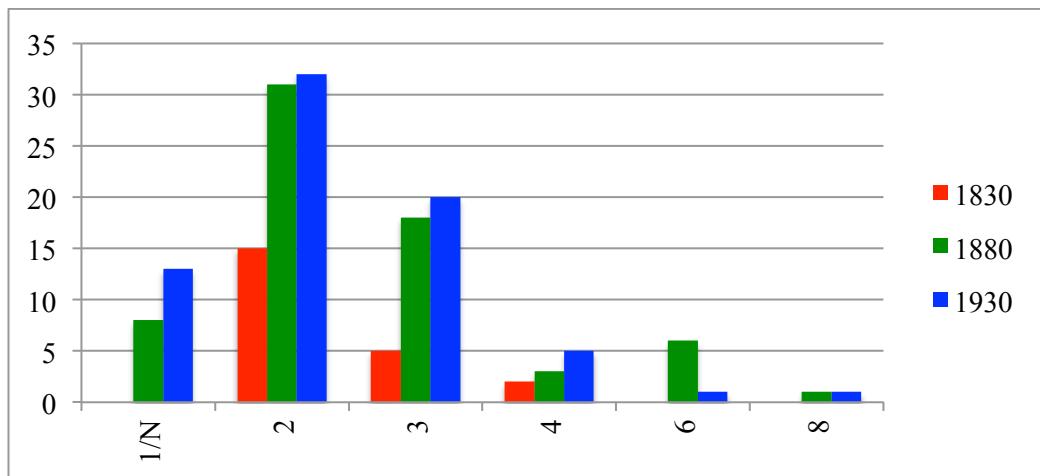
C146: Table of the frequency and relative percentage of each of the Munsell Soil Color chromas of mortar samples collected in African American communities.



C147: Chart of the frequency of each of the Munsell Soil Color chromas of mortar samples collected in European American communities.

Munsell Soil Color Chroma	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1/N	-	-	3	0.0	0.0	10.7
2	-	-	11	0.0	0.0	39.3
3	4	-	8	57.1	0.0	28.6
4	3	-	3	42.9	0.0	10.7
6	-	-	3	0.0	0.0	10.7
8	-	-	-	0.0	0.0	0.0
Total	7	0	28	100.0	0.0	100.0

C148: Table of the frequency and relative percentage of each of the Munsell Soil Color chromas of mortar samples collected in European American communities.



C149: Chart of the frequency of each of the Munsell Soil Color chromas of mortar samples collected in African and European American communities.

Munsell Soil Color Chroma	Frequency			Relative Percentage		
	1830	1880	1930	1830	1880	1930
1/N	-	8	13	0.0	11.9	18.1
2	15	31	32	68.2	46.3	44.4
3	5	18	20	22.7	26.9	27.8
4	2	3	5	9.1	4.5	6.9
6	-	6	1	0.0	9.0	1.4
8	-	1	1	0.0	1.5	1.4
Total	22	67	72	100.0	100.0	100.0

C150: Table of the frequency and relative percentage of each of the Munsell Soil Color chromas of mortar samples collected in African and European American communities.