

APPENDIX A: CLUSTER DATA

NATIONAL

MEMBERSHIP		Rural		Urban		All	
	Consumer	81	41%	257	34%	338	36%
	Producer	51	26%	57	8%	108	11%
	Worker	29	15%	224	30%	253	27%
	Unknown	13	7%	161	21%	174	18%
	Multi-stakeholder	11	6%	31	4%	42	5%
	Shared services/purchasing	10	5%	20	3%	30	3%
		195	100%	750	100%	945	100%
SECTOR		Rural		Urban		All	
	Agriculture	57	29%	81	11%	138	15%
	Grocery	47	24%	124	17%	171	18%
	Housing	37	19%	107	14%	144	15%
	Other	27	14%	174	23%	201	21%
	Unknown	9	5%	137	18%	146	15%
	Food service/restaurant	4	2%	33	4%	37	4%
	Manufacturing/construction	4	2%	28	4%	32	3%
	Education	3	2%	11	1%	14	1%
	Utility	3	2%	14	2%	17	2%
	Childcare	2	1%	10	1%	12	1%
	Healthcare	2	1%	24	3%	26	3%
	Transport	0	0%	7	1%	7	1%
		195	100%	750	100%	945	100%

NORTHEAST

(MASSACHUSETTS + MAINE + NEW HAMPSHIRE + VERMONT)

MEMBERSHIP		Rural		Urban		All	
	Consumer	34	61%	70	54%	104	56%
	Worker	9	16%	32	25%	41	22%
	Producer	6	11%	14	11%	20	11%
	Shared Services	5	9%	2	2%	7	4%
	Multi-stakeholder	1	2%	5	4%	6	3%
	Unknown	1	2%	6	5%	7	4%
		56	100%	129	100%	185	100%
SECTOR		Rural		Urban		All	
	Housing	28	50%	57	44%	85	46%
	Grocery	11	20%	12	9%	23	12%
	Other	10	18%	20	16%	30	16%
	Agriculture	3	5%	19	15%	22	12%
	Unknown	3	5%	5	4%	5	3%
	Food service/restaurant	1	2%	5	4%	6	3%
	Manufacturing/construction	0	0%	4	3%	7	4%
	Education	0	0%	3	2%	3	2%
	Transport	0	0%	2	2%	2	1%
	Healthcare	0	0%	1	1%	1	1%
	Utility	0	0%	1	1%	1	1%
	Childcare	0	0%	0	0%	0	0%
		56	100%	129	100%	185	100%

COLORADO

MEMBERSHIP		Rural		Urban		All	
	Producer	6	86%	6	26%	12	40%
	Multi-stakeholder	1	14%	1	4%	2	7%
	Consumer	0	0%	7	30%	7	23%
	Shared services/purchasing	0	0%	0	0%	0	0%
	Unknown	0	0%	0	0%	0	0%
	Worker	0	0%	9	39%	9	30%
		7	100%	23	100%	30	100%
SECTOR		Rural		Urban		All	
	Agriculture	6	86%	6	26%	12	40%
	Grocery: retail	1	14%	6	26%	7	23%
	Childcare	0	0%	0	0%	0	0%
	Education	0	0%	1	4%	1	3%
	Food service/restaurant	0	0%	1	4%	1	3%
	Healthcare	0	0%	1	4%	1	3%
	Housing	0	0%	0	0%	0	0%
	Manufacturing/construction	0	0%	0	0%	0	0%
	Other	0	0%	8	35%	8	27%
	Transport	0	0%	0	0%	0	0%
	Unknown	0	0%	0	0%	0	0%
	Utility	0	0%	0	0%	0	0%
		7	100%	23	100%	30	100%

NEBRASKA

MEMBERSHIP		Rural		Urban		All	
	Consumer	11	85%	0	0%	11	79%
	Producer	2	15%	1	100%	3	21%
	Multi-stakeholder	0	0%	0	0%	0	0%
	Shared services/purchasing	0	0%	0	0%	0	0%
	Unknown	0	0%	0	0%	0	0%
	Worker	0	0%	0	0%	0	0%
		13	100%	1	100%	14	100%
SECTOR		Rural		Urban		All	
	Grocery: retail	9	69%	0	0%	9	64%
	Agriculture	2	15%	1	100%	3	21%
	Other	2	15%	0	0%	2	14%
	Childcare	0	0%	0	0%	0	0%
	Education	0	0%	0	0%	0	0%
	Food service/restaurant	0	0%	0	0%	0	0%
	Healthcare	0	0%	0	0%	0	0%
	Housing	0	0%	0	0%	0	0%
	Manufacturing/construction	0	0%	0	0%	0	0%
	Transport	0	0%	0	0%	0	0%
	Unknown	0	0%	0	0%	0	0%
	Utility	0	0%	0	0%	0	0%
		13	100%	1	100%	14	100%

COLLECTIVE ACTION IN RURAL COMMUNITIES

WASHINGTON

		Rural		Urban		All	
MEMBERSHIP	Producer	2	40%	7	18%	9	20%
	Consumer	1	20%	16	40%	17	38%
	Multi-stakeholder	1	20%	1	3%	2	4%
	Shared services/purchasing	1	20%	1	3%	2	4%
	Unknown	0	0%	0	0%	0	0%
	Worker	0	0%	15	38%	15	33%
		5	100%	40	100%	45	100%
		Rural		Urban		All	
SECTOR	Agriculture	2	40%	7	18%	9	20%
	Food service/restaurant	1	20%	1	3%	2	4%
	Housing	1	20%	14	35%	15	33%
	Other	1	20%	9	23%	10	22%
	Childcare	0	0%	0	0%	0	0%
	Education	0	0%	0	0%	0	0%
	Grocery: retail	0	0%	2	5%	2	4%
	Healthcare	0	0%	5	13%	5	11%
	Manufacturing/construction	0	0%	2	5%	2	4%
	Transport	0	0%	0	0%	0	0%
	Unknown	0	0%	0	0%	0	0%
	Utility	0	0%	0	0%	0	0%
		5	100%	40	100%	45	100%

NORTH CAROLINA

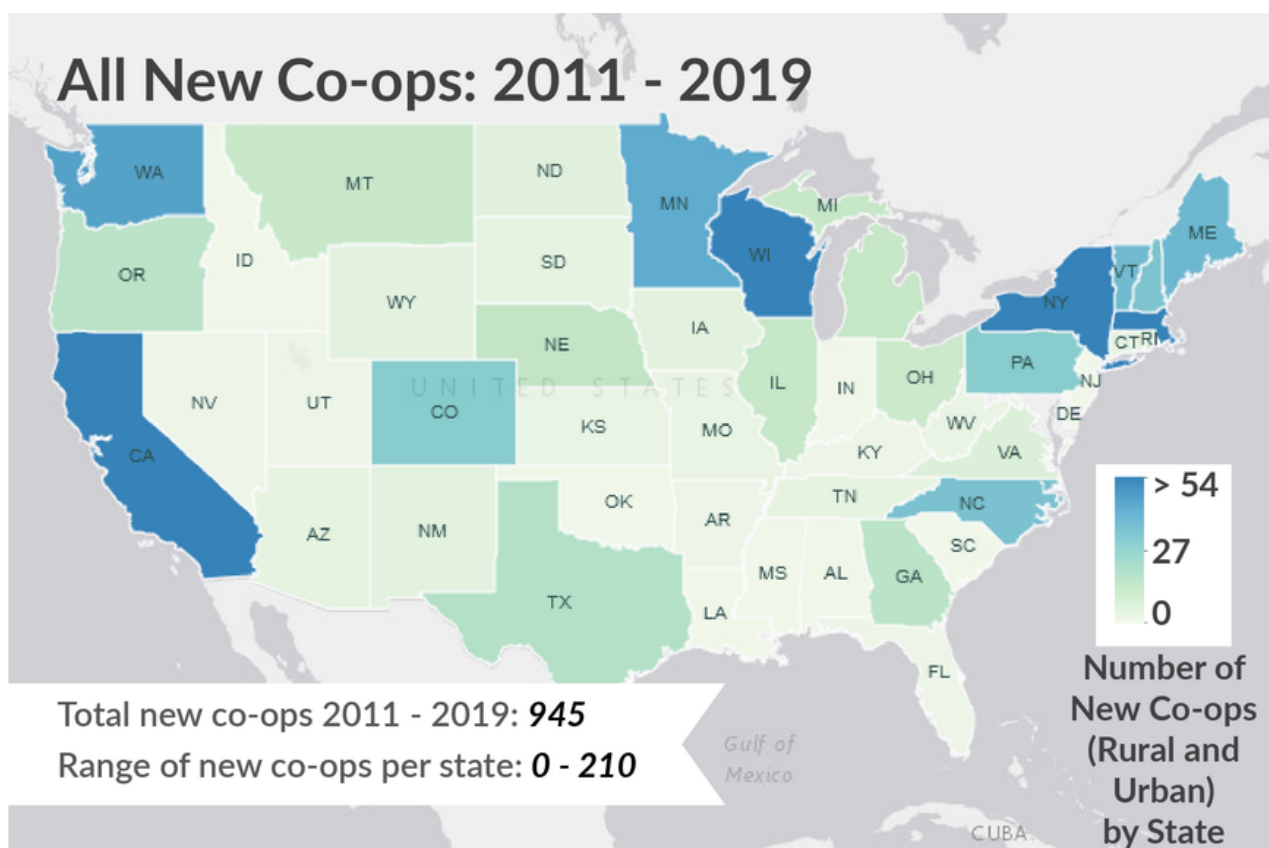
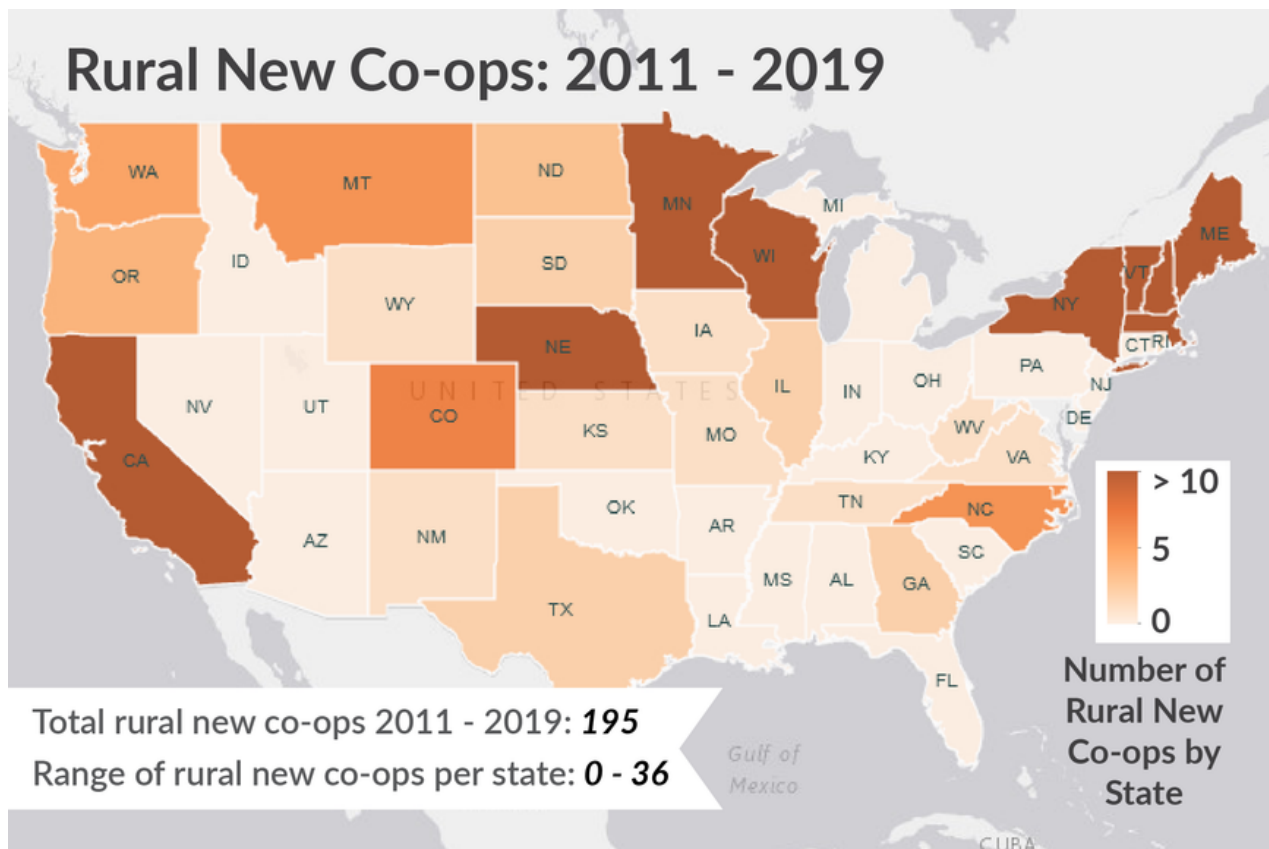
		Rural		Urban		All	
MEMBERSHIP	Producer	3	50%	6	21%	9	26%
	Multi-stakeholder	1	17%	1	4%	2	6%
	Shared services/purchasing	1	17%	2	7%	3	9%
	Worker	1	17%	10	36%	11	32%
	Consumer	0	0%	8	29%	8	24%
	Unknown	0	0%	1	4%	1	3%
		6	100%	28	100%	34	100%
		Rural		Urban		All	
SECTOR	Agriculture	4	67%	6	21%	10	29%
	Other	2	33%	11	39%	13	38%
	Childcare	0	0%	0	0%	0	0%
	Education	0	0%	0	0%	0	0%
	Food service/restaurant	0	0%	0	0%	0	0%
	Grocery: retail	0	0%	4	14%	4	12%
	Healthcare	0	0%	1	4%	1	3%
	Housing	0	0%	5	18%	5	15%
	Manufacturing/construction	0	0%	1	4%	1	3%
	Transport	0	0%	0	0%	0	0%
	Unknown	0	0%	0	0%	0	0%
	Utility	0	0%	0	0%	0	0%
		6	100%	28	100%	34	100%

UPPER MIDWEST (MINNESOTA + WISCONSIN)

MEMBERSHIP		Rural		Urban		All	
	Producer	18	42%	6	6%	24	16%
	Consumer	12	28%	37	36%	49	33%
	Worker	9	21%	23	22%	32	22%
	Unknown	5	12%	15	14%	20	14%
	Multi-stakeholder	3	7%	6	6%	9	6%
	Shared services/purchasing	1	2%	12	12%	13	9%
		48	112%	99	95%	147	100%
SECTOR		Rural		Urban		All	
	Agriculture	20	47%	14	13%	34	23%
	Grocery: retail	8	19%	19	18%	27	18%
	Other	6	14%	32	31%	38	26%
	Education	3	7%	4	4%	7	5%
	Housing	3	7%	9	9%	12	8%
	Manufacturing/construction	3	7%	1	1%	4	3%
	Unknown	2	5%	9	9%	11	7%
	Utility	2	5%	4	4%	6	4%
	Healthcare	1	2%	5	5%	6	4%
	Childcare	0	0%	0	0%	0	0%
	Food service/restaurant	0	0%	1	1%	1	1%
	Transport	0	0%	1	1%	1	1%
		48	112%	99	95%	147	100%

APPENDIX B: STATE DATA

	RURAL			URBAN			ALL		
	2011 — 2016	2016 — 2019	Both Surveys 2011 — 2019	2011 — 2016	2016 — 2019	Both Surveys 2011 — 2019	2011 — 2016	2016 — 2019	Both Surveys 2011 — 2019
STATE/TOTALS	130	65	195	495	255	750	625	320	945
Alabama	0	0	0	0	0	0	0	0	0
Alaska	0	0	0	2	1	3	2	1	3
Arizona	0	0	0	2	1	3	2	1	3
Arkansas	0	0	0	0	1	1	0	1	1
California	10	4	14	163	33	196	173	37	210
Colorado	4	3	7	10	13	23	14	16	30
Connecticut	0	0	0	2	1	3	2	1	3
Delaware	0	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	1	1	2	1	1	2
Florida	0	0	0	1	0	1	1	0	1
Georgia	0	2	2	0	14	14	0	16	16
Hawaii	0	3	3	0	8	8	0	11	11
Idaho	0	0	0	0	0	0	0	0	0
Illinois	1	1	2	11	0	11	12	1	13
Indiana	0	0	0	0	0	0	0	0	0
Iowa	1	0	1	3	0	3	4	0	4
Kansas	0	1	1	1	0	1	1	1	2
Kentucky	0	0	0	1	0	1	1	0	1
Louisiana	0	0	0	0	0	0	0	0	0
Maine	13	6	19	12	7	19	25	13	38
Maryland	0	0	0	3	3	6	3	3	6
Massachusetts	10	1	11	41	25	66	51	26	77
Michigan	0	0	0	5	8	13	5	8	13
Minnesota	10	2	12	24	6	30	34	8	42
Mississippi	0	0	0	0	0	0	0	0	0
Missouri	0	1	1	0	1	1	0	2	2
Montana	3	3	6	5	1	6	8	4	12
Nebraska	9	4	13	1	0	1	10	4	14
Nevada	0	0	0	1	0	1	1	0	1
New Hampshire	14	1	15	16	2	18	30	3	33
New Jersey	0	0	0	0	0	0	0	0	0
New Mexico	1	0	1	1	2	3	2	2	4
New York	9	4	13	29	33	62	38	37	75
North Carolina	3	3	6	13	15	28	16	18	34
North Dakota	2	1	3	2	0	2	4	1	5
Ohio	0	0	0	10	1	11	10	1	11
Oklahoma	0	0	0	0	0	0	0	0	0
Oregon	3	1	4	11	1	12	14	2	16
Pennsylvania	0	0	0	16	14	30	16	14	30
Rhode Island	0	1	1	2	5	7	2	6	8
South Carolina	0	0	0	0	0	0	0	0	0
South Dakota	0	2	2	1	0	1	1	2	3
Tennessee	1	0	1	0	2	2	1	2	3
Texas	0	2	2	12	4	16	12	6	18
Utah	0	0	0	1	0	1	1	0	1
Vermont	9	2	11	17	9	26	26	11	37
Virginia	1	0	1	4	1	5	5	1	6
Washington	3	2	5	19	21	40	22	23	45
West Virginia	1	0	1	1	0	1	2	0	2
Wisconsin	21	15	36	51	18	69	72	33	105
Wyoming	1	0	1	0	3	3	1	3	4



APPENDIX C: NATIONAL COOPERATIVE ECOSYSTEM RESOURCES

Below is shown how many of each resource are accessible by each state, as well as nationally. With the exception of national resources, if a resource is available to more than one state then it is counted in both states. In total **without** duplicates, there are a 115 cooperative developers, 129 cooperative associations, and 53 cooperative friendly capital lenders. This is a total of 409 of these resources.

Cooperative Developers	Cooperative Associations	Co-op Friendly Capital	Total Resources (Developers + Associations + Capital)
15 National	12 National	12 National	39 National
12 New York	7 New York	9 Maine	21 New York
10 Minnesota	7 Vermont	7 North Carolina	21 North Carolina
9 North Carolina	6 Massachusetts	7 Washington	18 Minnesota
8 California	5 California	5 Minnesota	16 Maine
7 Massachusetts	5 Maine	4 Colorado	15 Massachusetts
7 Wisconsin	5 North Carolina	4 Vermont	15 Vermont
5 Illinois	5 Texas	2 Alabama	15 Washington
5 Ohio	5 Washington	2 Florida	13 California
4 Georgia	5 Wisconsin	2 Georgia	13 Wisconsin
4 Vermont	4 Connecticut	2 Louisiana	10 Georgia
4 Washington, D.C.	4 Georgia	2 Massachusetts	10 Illinois
3 Alabama	4 Illinois	2 Mississippi	9 Colorado
3 Colorado	4 Indiana	2 Montana	9 Mississippi
3 Mississippi	4 Louisiana	2 New Hampshire	9 New Hampshire
3 New Hampshire	4 Michigan	2 New York	9 Texas
3 North Dakota	4 Mississippi	2 Oregon	8 Alabama
3 Rhode Island	4 New Hampshire	2 Texas	8 Louisiana
3 Washington	4 Oregon	1 Arkansas	8 Ohio
2 Connecticut	4 Pennsylvania	1 Connecticut	8 Rhode Island
2 Florida	4 Rhode Island	1 Idaho	7 Connecticut
2 Idaho	3 Alabama	1 Illinois	7 Florida
2 Iowa	3 Florida	1 Kentucky	7 Montana
2 Louisiana	3 Idaho	1 Rhode Island	7 Oregon
2 Maine	3 Iowa	1 South Carolina	6 Idaho
2 Michigan	3 Kansas	1 South Dakota	6 Michigan
2 Montana	3 Minnesota	1 Tennessee	6 South Dakota
2 New Mexico	3 Missouri	1 Virginia	5 Indiana
2 South Dakota	3 Montana	1 Wisconsin	5 Iowa
2 Texas	3 Nebraska	0 Alaska	5 North Dakota
2 West Virginia	3 Ohio	0 Arizona	5 Pennsylvania
1 Alaska	3 Oklahoma	0 California	5 South Carolina
1 Arizona	3 South Carolina	0 Delaware	5 Tennessee
1 Delaware	3 South Dakota	0 Hawaii	4 Kansas
1 Hawaii	3 Tennessee	0 Indiana	4 Kentucky
1 Indiana	3 Utah	0 Iowa	4 Missouri
1 Kansas	3 Virginia	0 Kansas	4 Nebraska
1 Kentucky	2 Alaska	0 Maryland	4 New Mexico
1 Missouri	2 Arizona	0 Michigan	4 Virginia
1 Nebraska	2 Colorado	0 Missouri	4 Washington, D.C.
1 New Jersey	2 Delaware	0 Nebraska	3 Alaska
1 Oregon	2 Kentucky	0 Nevada	3 Arizona
1 Pennsylvania	2 Maryland	0 New Jersey	3 Delaware
1 South Carolina	2 Nevada	0 New Mexico	3 Oklahoma
1 Tennessee	2 New Mexico	0 North Dakota	3 Utah
1 Wyoming	2 North Dakota	0 Ohio	3 West Virginia
0 Arkansas	2 Wyoming	0 Oklahoma	3 Wyoming
0 Maryland	1 Hawaii	0 Pennsylvania	2 Hawaii
0 Nevada	1 New Jersey	0 Puerto Rico	2 Maryland
0 Oklahoma	1 Puerto Rico	0 Utah	2 Nevada
0 Puerto Rico	1 West Virginia	0 Washington, D.C.	2 New Jersey
0 Utah	0 Arkansas	0 West Virginia	1 Arkansas
0 Virginia	0 Washington, D.C.	0 Wyoming	1 Puerto Rico