

# Study exclusion criteria

Exclusion Criteria Category	Exclusion Criteria Details	Number of deleted registrars or units of treatment (n)	Number of subjects remaining in cohort after exclusion (N)
Initial Count	Registrars from whom we collected information		7865
Two levels (county and municipality)	Delete registrars at county level - WI	-72	7793
	Delete registrars at county level - MI	(83)	7710
Two levels (state and county)	Delete registrars at state level - DE	(2)	7708
Missing emails	Delete registrars at county level with no email address - CA, CT, ID, IN, ME, MO, MS, NY, PA	(816)	6892
	Delete registrars at municipality level with no email address - MI, RI, WI	(18)	6874
Multiple registrars per unit of treatment	Randomly select one registrar per county and delete remaining duplicates - AL	-3	6871
	Randomly select one registrar per county and delete remaining duplicates - AR	-19	6852
	Randomly select one registrar per county and delete remaining duplicates - LA	-15	6831
	Keep registrar with job title "County Director" and delete registrar with job title "Deputy County" - DE	-6	6846
	Keep registrar with name and delete registrar with no name - NV	-2	6829
	Keep registrar with job title "City Clerks" and delete registrars with job title "Town Clerks" - MI	-68	6761
	For registrars with no job title, randomly select one and delete remaining duplicates - MI	-33	6728
	Randomly select registrar based on ranking of job title (1- "city clerk", 2- "town clerk", 3- "village clerk"), delete remaining duplicates - WI	-229	6499
Spillover - Registrars responsible of multiple units of treatment or registrars sharing email address	Randomly select one county, delete remaining counties for each registrar:		
	Georgia	-155	6344
	New York	-4	6306
	South Dakota	-2	6304
	West Virginia	-1	6303
	Winsconsin	-7	6296
	Michigan	-31	6310
	Hawaii	-3	6341
	Total	-1,569	6,296