

Using geospatial analysis to identify priority communities for cervical cancer prevention in Texas.

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**Appendix Table**

**Appendix Table 1.** Hot spots of cervical cancer incidence in Texas, 2014-2018<sup>a,b</sup>

Hot Spot Cluster	County	No. of census tracts per county within hot spot (%)	Total no. of census tracts in the county
<b>1</b> (RR=1.42)	Aransas	6 (100)	6
	Atascosa	8 (100)	8
	Bee	7 (100)	7
	Bexar	144 (39)	366
	Brazoria	2 (4)	51
	Brooks	2 (100)	2
	Calhoun	6 (100)	6
	Cameron	87 (100)	87
	DeWitt	5 (100)	5
	Dimmit	2 (100)	2
	Duval	3 (100)	3
	Frio	3 (100)	3
	Goliad	2 (100)	2
	Gonzales	5 (83)	6
	Guadalupe	4 (14)	29
	Hidalgo	113 (100)	113
	Jackson	3 (100)	3
	Jim Hogg	2 (100)	2
	Jim Wells	7 (100)	7
	Karnes	4 (100)	4
	Kenedy	2 (100)	2
	Kleberg	6 (100)	6
	La Salle	1 (100)	1
	Lavaca	5 (83)	6
	Live Oak	4 (100)	4
	Matagorda	11 (100)	11
	McMullen	1 (100)	1
	Medina	5 (63)	8
	Nueces	82 (100)	82
	Refugio	2 (100)	2
	San Patricio	16 (100)	16
	Starr	15 (100)	15
	Victoria	23 (100)	23
	Webb	61 (100)	61
Wharton	5 (45)	11	
Willacy	6 (100)	6	
Wilson	11 (100)	11	
Zapata	3 (100)	3	
Zavala	3 (75)	4	

**Appendix Table 1** (continued). Hot spots of cervical cancer incidence in Texas, 2014-2018<sup>a,b</sup>

Hot Spot Cluster	County	No. of census tracts per county within hot spot (%)	Total no. of census tracts in the county
<b>2</b> (RR=1.38)	Brazoria	3 (6)	51
	Harris	458 (58)	786
<b>3</b> (RR=1.81)	Dallas	75 (14)	529
	Ellis	1 (3)	31
<b>4</b> (RR=3.73)	Harris	6 (1)	786
<b>5</b> (RR=1.37)	Archer	3 (100)	3
	Baylor	1 (100)	1
	Borden	1 (100)	1
	Briscoe	1 (100)	1
	Brown	12 (100)	12
	Callahan	3 (100)	3
	Childress	2 (100)	2
	Clay	3 (100)	3
	Coke	2 (100)	2
	Coleman	3 (100)	3
	Comanche	4 (100)	4
	Concho	1 (100)	1
	Cottle	1 (100)	1
	Crosby	3 (100)	3
	Dawson	4 (100)	4
	Eastland	5 (100)	5
	Erath	8 (100)	8
	Fisher	2 (100)	2
	Floyd	2 (100)	2
	Foard	1 (100)	1
	Garza	1 (100)	1
	Glasscock	1 (100)	1
	Hale	5 (56)	9
	Hall	1 (100)	1
	Hardeman	1 (100)	1
	Haskell	2 (100)	2
	Hockley	1 (14)	7
	Hood	3 (30)	10
	Howard	10 (100)	10
	Irion	1 (100)	1
	Jack	3 (100)	3
	Jones	6 (100)	6
	Kent	1 (100)	1
	King	1 (100)	1
Knox	2 (100)	2	
Lubbock	68 (100)	68	
Lynn	3 (100)	3	
Martin	2 (100)	2	
McCulloch	3 (100)	3	
Midland	20 (100)	27	
Mills	2 (100)	2	
Mitchell	2 (100)	2	
Motley	1 (100)	1	
Nolan	5 (100)	5	
Palo Pinto	9 (100)	9	

**Appendix Table 1** (continued). Hot spots of cervical cancer incidence in Texas, 2014-2018<sup>a,b</sup>

Hot Spot Cluster	County	No. of census tracts per county within hot spot (%)	Total no. of census tracts in the county
5 (RR=1.37)	Parker	7 (37)	19
	Reagan	1 (100)	1
	Runnels	4 (100)	4
	Scurry	4 (100)	4
	Shackelford	1 (100)	1
	Stephens	3 (100)	3
	Sterling	1 (100)	1
	Stonewall	1 (100)	1
	Taylor	38 (100)	38
	Terry	3 (100)	3
	Throckmorton	1 (100)	1
	Tom Green	25 (100)	25
	Wichita	37 (17)	218
	Wilbarger	4 (100)	4
	Wise	1 (9)	11
Young	4 (100)	4	
6 (RR=2.11)	Tarrant	42 (12)	357
7 (RR=1.51)	Anderson	5 (45)	11
	Angelina	17 (100)	17
	Cherokee	11 (92)	12
	Hardin	8 (73)	11
	Houston	7 (100)	7
	Jasper	8 (100)	8
	Leon	1 (33)	3
	Liberty	6 (43)	14
	Madison	2 (50)	4
	Montgomery	6 (10)	59
	Nacogdoches	13 (100)	13
	Newton	3 (75)	4
	Panola	2 (33)	6
	Polk	10 (100)	10
	Rusk	6 (46)	13
	Sabine	3 (100)	3
	San Augustine	3 (100)	3
	San Jacinto	4 (100)	4
	Shelby	6 (100)	6
	Trinity	5 (100)	5
	Tyler	5 (100)	5
	Walker	10 (100)	10

Abbreviations: RR, relative risk.

<sup>a</sup>Data was retrieved from the age-adjusted Poisson-based purely spatial scan statistic using the American Community survey 5-year estimate data (2014-2018) and primary cervical cancer incidence reported to Texas Cancer Registry from 2014-2018. Hot spots are clusters with significantly higher than expected proportion of cervical cancer incidence. Maximum spatial cluster size was set at 25 percent of the population at risk, using circular scan window and Replication 999.

<sup>b</sup>Additional cluster information: Cluster 1 – South Texas Plains/South Texas; Cluster 2 – Gulf Coast/Upper Gulf Coast; Cluster 3 – Prairies and Lakes/North Texas; Cluster 4 – Gulf Coast/Upper Gulf Coast; Cluster 5 – Panhandle Plains/West Texas; Cluster 6 – Prairies and Lakes/North Texas; Cluster 7 – Piney Woods/East Texas; Cluster 8 – Prairies and Lakes/North Texas; Cluster 9 – South Texas Plains/South Texas; Cluster 10 – Prairies and Lakes/North Texas; Cluster 11 – Prairies and Lakes/North Texas; Cluster 12 – Prairies and Lakes/North Texas; Cluster 13 – Prairies and Lakes/North Texas; and Cluster 14 – Prairies and Lakes/North Texas;