

ANNUAL SYNAR REPORT

42 U.S.C. 300x-26
OMB No. 930-0222

FFY 2019
State: Arkansas

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FFY 2019 Annual Synar Report:		
File	Version	Date Added
(AR) FFY 2019 - Annual Synar Report v2.docx	2	5/29/2019 9:21:35 AM
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FFY 2019 Synar Survey Results:		
File	Version	Date Added
(AR) FFY 2019 - Synar Survey Results v5.xlsx	5	6/5/2019 2:58:09 PM
(AR) FFY 2019 - Synar Survey Results v4.xlsx	4	6/5/2019 2:56:54 PM
(AR) FFY 2019 - Synar Survey Results v3.xlsx	3	5/29/2019 9:22:41 AM
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Synar Inspection Form:
File: (AR) FFY 2019 - Inspection Form.pdf

Synar Inspection Protocol:
File: (AR) FFY 2019 - Inspection Protocol.pdf

0930-0168 Approved: 06/07/2017 Expires: 06/30/2020

Footnotes:

Arkansas Department of Health Synar Coverage Study Report CY2018/FFY2019

1. Calendar year of coverage study: September/October 2018

2. Percent coverage found: 100%

(Provide calculation of the percent coverage)

100 X (number of matched outlets/total number of outlets found by coverage survey)

100 X (230/230) = 100%

3. Provide a description of the coverage study methods and results.

This calendar year's (or FFY 2019) Synar Survey provided us with an estimate of 3871 eligible tobacco outlets in the State of Arkansas. Based on a total of 624 census tracts (one tract is not populated), there are 6.213 eligible outlets per populated census tract. A coverage study would require 22 census tracts to achieve a sample size of 130 and 34 census tracts to achieve a sample size of 200; the minimum and maximum sample sizes recommended by SAMHSA. As there are 13 Prevention Resource Regions, a random selection of two census tracts per region would yield a sample size of approximately 162 eligible outlets.

Twenty-six census tracts were randomly selected by using SAS PROC SURVEYSELECT and specifying the selection of two tracts per Prevention Resource Region. ArcMap 10.4 was used to create detailed maps. The maps of the selected census tracts included: (1) A local map to help canvassers identify canvassing area in relation to the local area; and (2) Close-up maps that provided canvassers with sufficient detailed markings of the roads to be canvassed. On the maps, the census tract boundaries were marked with black lines, and census tract boundaries in study sample with red lines.

Canvassers were instructed to travel on all roads within the red lines, and check all establishments for tobacco sales. In the event that a red line coincided with a road, the canvassers were to check only establishments on the side of the road inside the census tract. Following half a day of training, the canvassers were handed a canvassing packet that included maps of the two census tracts, log sheets, return business envelope and instruction sheet.

The results of the Coverage Study yielded 230 tobacco outlets, with 226 tobacco outlets described as accessible to youth. All 230 establishments could be matched to the Arkansas Tobacco Control (ATC) list of licensed tobacco vendors that form the sampling frame for the Synar Survey. Therefore, the sampling frame of the Synar Survey has an estimated coverage rate of 100%. Find attached an excel spreadsheet with study results, copies of maps and log sheet.

Additional Information:

- Coverage Study Results
- Maps – Local & Close-up for Benton
- Canvassing Log Sheet - Benton

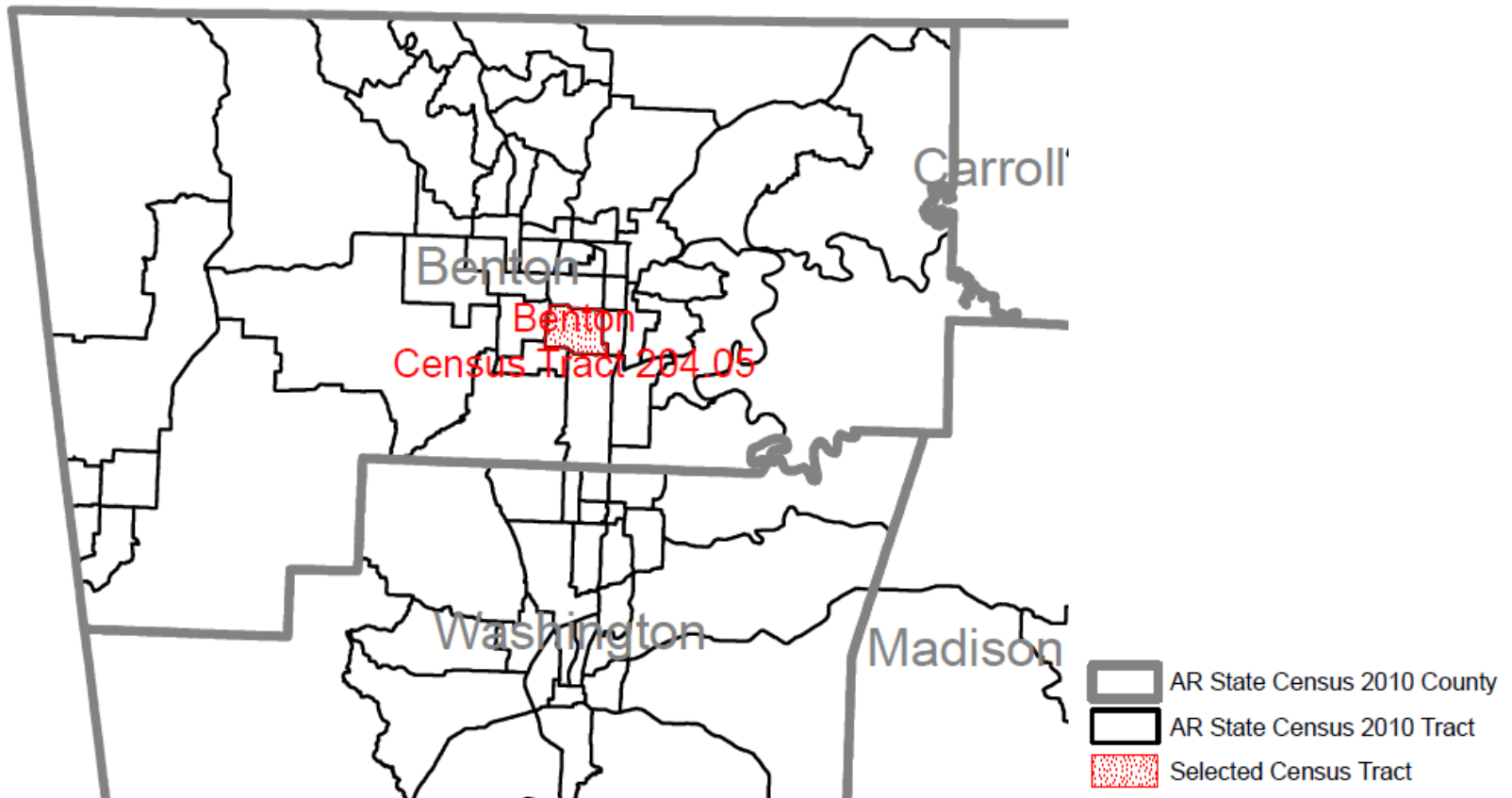
**Arkansas Department of Health Synar Coverage Study Report
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4. Coverage Study Results

COVERAGE STUDY RESULTS (CY2018/FFY2019)								
PRC	COUNTY	CENSUS TRACT	SAMPLING WEIGHT	NAME OF CANVASSER	DATE OF CANVASS	# OF TOBACCO OUTLETS	# ACCESSIBLE TO YOUTH	# MISSING FROM ATCB LIST
1	Washington	5143010702	45	Laurie Reh/Codi McCuistion	9/18/2018	3	3	0
1	Benton	5007020405	45	Laurie Reh/Codi McCuistion	9/20/2018	8	8	0
2	Marion	5089960202	12.5	Cindy DeWitt	10/11/2018	11	8	0
2	Baxter	5005950900	12.5	Cindy DeWitt	10/4/2018	7	6	0
3	Independence	5063490600	26.5	Margaret Morrison/ Jimmy Crisman	9/27/2018	2	2	0
3	Cleburne	5023480502	26.5	Margaret Morrison/ Stacy Taylor	9/19/2018	7	7	0
4	Poinsett	5111490700	30.5	Lisa Perry	10/16/2018	8	8	0
4	Poinsett	5111490500	30.5	Lisa Perry	9/27/2018	12	12	0
5	Polk	5113950400	27.5	Katelynn Priest	9/12/2018	8	8	0
5	Crawford	5033020100	27.5	Tabiitha Fondren	9/25/2018	3	3	0
6	Faulkner	5045030302	28.5	Shannon Cook	8/31/2018	7	7	0
6	Faulkner	5045030402	28.5	Shannon Cook	10/30/2018	2	2	0
7	Crittenden	5035030806	22.5	Kendon L. Gray	10/1/2018	3	3	0
7	St. Francis	5123960500	22.5	Kendon L. Gray	9/26/2018	4	4	0
8	Garland	5051011700	19	Katie Yamzuchi	9/10/2018	14	14	0
8	Hot Spring	5059020700	19	Katie Yamzuchi	10/3/2018	4	4	0
9	Pulaski	5119002403	67.5	Genene Perez	Sep-18	4	4	0
9	Saline	5125010301	67.5	Hayse Miller	09/01/2018--9/30/2018	4	4	0
10	Miller	5091020801	15	Trena Goings	09/01/2018--10/31/2018	61	61	0
10	LaFayette	5073470200	15	Trena Goings	09/01/2018--10/31/2018	9	9	0
11	Dallas	5039970200	14.5	Annette Sharp	10/4/2018	4	4	0
11	Ouachita	5103950100	14.5	Annette Sharp	10/4/2018	13	13	0
12	Jefferson	5069002103	21	Tanishia Lewis	10/26/2018	8	8	0
12	Grant	5053470400	21	Jermaine Anderson	10/29/2018	16	16	0
13	Ashley	5003960700	13	Christie Lindsey	10/30/2018	1	1	0
13	Bradley	5011950400	13	Christie Lindsey	10/29/2018	7	7	0
TOTALS						230	226	0

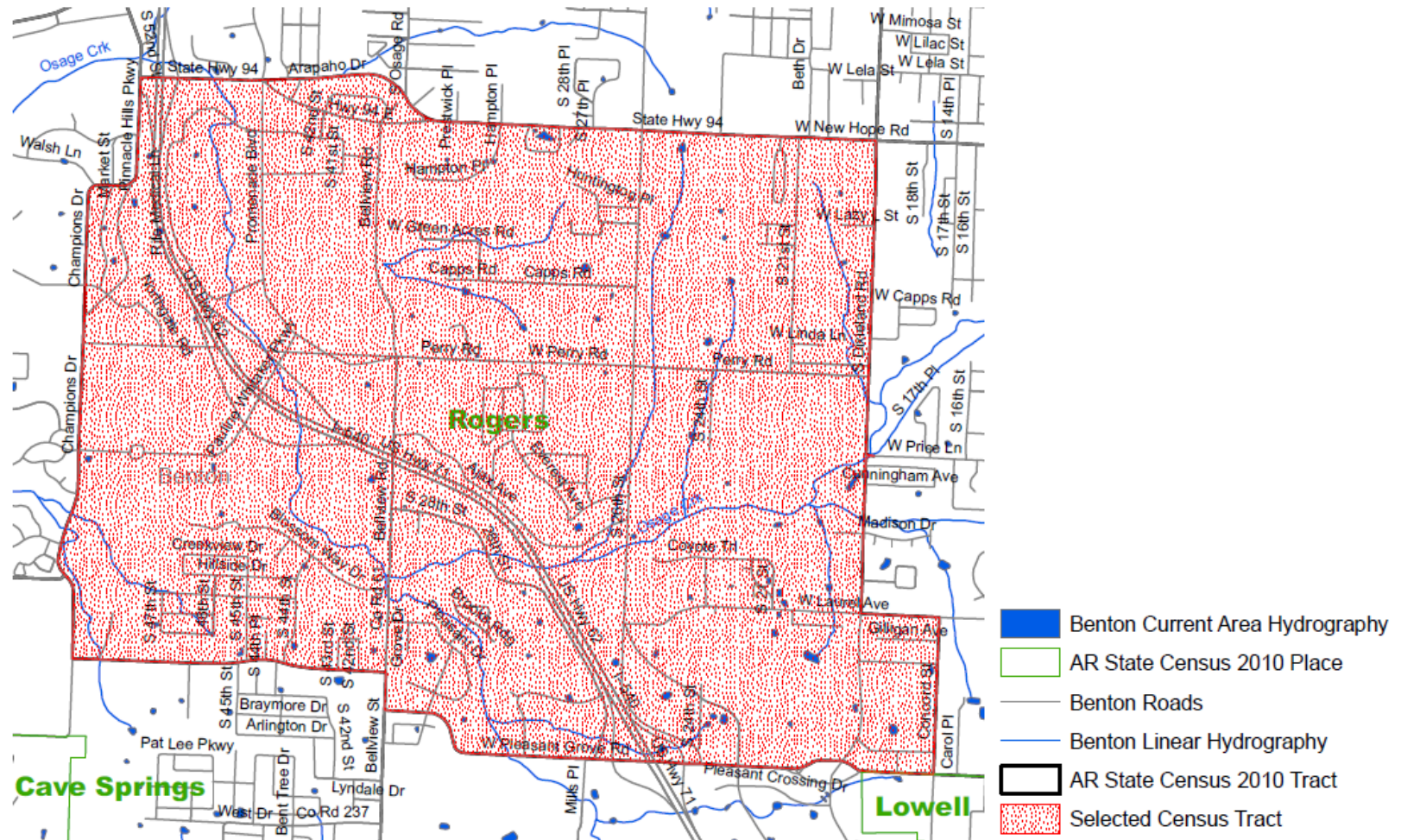
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5. Maps - Synar Coverage Study: Local Map (Benton 05007020405)



Arkansas Department of Health Synar Coverage Study Report CY2018/FFY2019

6. Maps – Synar Coverage Study: Close-up Map (Benton 05007020405)



**Arkansas Department of Health Synar Coverage Study Report
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7. Canvassing Log Sheet – Synar Coverage Study: Log Sheet (Benton 05007020405)

Synar Coverage Survey, 2018

PRC Region: 1

County: BENTON (7)

Census Tract: 05007020405

Canvasser: _____ **Date:** _____

Name of Business	Address of Business	Type of Business*	Accessible to youth? **	Telephone	License Number

***Type of Business:**

- | | | | |
|-------------------------------|--------------------------|--------------------------|----------------------|
| (1) Gas station only | (2) Convenience with gas | (3) Convenience (no gas) | (4) Small food store |
| (5) Supermarket/Grocery store | (6) Drug store/Pharmacy | (7) Liquor store | (8) Discount store |
| (9) Hotel/Motel | (10) Restaurant | (11) Tobacco outlet | (12) Bar/Club |
| (13) Other (Describe) | | | |

****Accessible to Youth: If "NOT ACCESSIBLE" indicate reason**

- | | | |
|-------------------------------|--------------------|----------------------|
| (1) Private club or residence | (2) Wholesale only | (3) Other (Describe) |
|-------------------------------|--------------------|----------------------|

AR Synar Survey Sample Size Calculations

FFY2019

To calculate sample size - enter the appropriate numbers in column B

Population 3871 (total number of retail outlets in Tobacco Control Board database, including vending machines)
 Estimate (p) 0.026 (weighted non-compliance rate from previous year)
 Accuracy Rate (ra) 0.895 (weighted from previous year)
 Completion Rate (rc) 0.988 (unweighted from previous year)
 Confidence Level 1.645 (.05 confidence level, one-sided)
 Tolerable Error (te) 0.03 (1/2 confidence interval)
 Design Effect (deff) 1.53 (design var/SRS var -estimated below)

		Ideal Sample Size	Effective Sample Size	Target Sample Size	Original Sample Size	
Standard Error	te = 1.645se	n'	n (w/fpc)	n inflated for deff	n inflated for NR	n + 10% reserve
0.036	0.06	19	19	29	33	36
0.030	0.05	27	27	42	47	52
0.018	0.03	76	75	170	192	211
0.012	0.02	171	164	251	284	312
0.006	0.01	685	582	891	1,007	1108

Note: fpc=finite population correction

Design effect Calculation

Number of Clusters 78
 Target Sample Size 170 (keep reentering until stable)
 Average cluster size 2.18 Computed from target sample size/number of clusters
 Intraclass Correlation 0.05
 Coef of Var of Weights 0.445 (use CV of Baseweight from previous year sample)
 Deff 1.53

