

County	Attempts	Inspections	Buys	Buy Pct.	Comp. Pct.	Cumulative	Attempts	Inspections	Buys	Buy Pct.	Comp. Pct.
Barbour	4	4	2	50.0%	100.0%	4	4	2	50.0%	100.0%	
Berkeley	17	16	4	25.0%	94.1%	21	20	6	30.0%	95.2%	
Boone	6	5	1	20.0%	83.3%	27	25	7	28.0%	92.6%	
Braxton	11	11	0	0.0%	100.0%	38	36	7	19.4%	94.7%	
Brooke	5	4	0	0.0%	80.0%	43	40	7	17.5%	93.0%	
Cabell	17	15	1	6.7%	88.2%	60	55	8	14.5%	91.7%	
Calhoun	2	2	0	0.0%	100.0%	62	57	8	14.0%	91.9%	
Clay	3	3	0	0.0%	100.0%	65	60	8	13.3%	92.3%	
Doddridge		Not Selected for Survey				65	60	8	13.3%	92.3%	
Fayette	10	10	0	0.0%	100.0%	75	70	8	11.4%	93.3%	
Gilmer	2	2	0	0.0%	100.0%	77	72	8	11.1%	93.5%	
Grant	3	2	0	0.0%	66.7%	80	74	8	10.8%	92.5%	
Greenbrier	14	12	2	16.7%	85.7%	94	86	10	11.6%	91.5%	
Hampshire	6	6	0	0.0%	100.0%	100	92	10	10.9%	92.0%	
Hancock	3	3	0	0.0%	100.0%	103	95	10	10.5%	92.2%	
Hardy	4	4	0	0.0%	100.0%	107	99	10	10.1%	92.5%	
Harrison	12	11	3	27.3%	91.7%	119	110	13	11.8%	92.4%	
Jackson	13	11	0	0.0%	84.6%	132	121	13	10.7%	91.7%	
Jefferson	9	9	0	0.0%	100.0%	141	130	13	10.0%	92.2%	
Kanawha	36	36	2	5.6%	100.0%	177	166	15	9.0%	93.8%	
Lewis	3	3	1	33.3%	100.0%	180	169	16	9.5%	93.9%	
Lincoln	2	2	0	0.0%	100.0%	182	171	16	9.4%	94.0%	
Logan	7	6	4	66.7%	85.7%	189	177	20	11.3%	93.7%	
McDowell	7	7	0	0.0%	100.0%	196	184	20	10.9%	93.9%	
Marion	14	14	1	7.1%	100.0%	210	198	21	10.6%	94.3%	
Marshall	6	6	0	0.0%	100.0%	216	204	21	10.3%	94.4%	
Mason	4	4	1	25.0%	100.0%	220	208	22	10.6%	94.5%	
Mercer	10	8	1	12.5%	80.0%	230	216	23	10.6%	93.9%	
Mineral	6	5	1	20.0%	83.3%	236	221	24	10.9%	93.6%	
Mingo	10	10	1	10.0%	100.0%	246	231	25	10.8%	93.9%	
Monongalia	14	13	4	30.8%	92.9%	260	244	29	11.9%	93.8%	
Monroe	3	3	0	0.0%	100.0%	263	247	29	11.7%	93.9%	
Morgan	1	1	0	0.0%	100.0%	264	248	29	11.7%	93.9%	
Nicholas	6	6	0	0.0%	100.0%	270	254	29	11.4%	94.1%	
Ohio	10	10	1	10.0%	100.0%	280	264	30	11.4%	94.3%	
Pendleton	5	5	1	20.0%	100.0%	285	269	31	11.5%	94.4%	
Pleasants	1	1	0	0.0%	100.0%	286	270	31	11.5%	94.4%	
Pocahontas	4	4	0	0.0%	100.0%	290	274	31	11.3%	94.5%	
Preston	4	4	0	0.0%	100.0%	294	278	31	11.2%	94.6%	
Putnam	15	15	1	6.7%	100.0%	309	293	32	10.9%	94.8%	
Raleigh	16	14	1	7.1%	87.5%	325	307	33	10.7%	94.5%	
Randolph	9	8	1	12.5%	88.9%	334	315	34	10.8%	94.3%	
Ritchie	5	4	0	0.0%	80.0%	339	319	34	10.7%	94.1%	
Roane	5	5	0	0.0%	100.0%	344	324	34	10.5%	94.2%	
Summers	4	4	0	0.0%	100.0%	348	328	34	10.4%	94.3%	
Taylor	1	1	0	0.0%	100.0%	349	329	34	10.3%	94.3%	
Tucker	3	3	0	0.0%	100.0%	352	332	34	10.2%	94.3%	
Tyler	4	4	0	0.0%	100.0%	356	336	34	10.1%	94.4%	
Upshur	6	6	0	0.0%	100.0%	362	342	34	9.9%	94.5%	
Wayne	8	8	0	0.0%	100.0%	370	350	34	9.7%	94.6%	
Webster	4	4	0	0.0%	100.0%	374	354	34	9.6%	94.7%	
Wetzel	6	6	1	16.7%	100.0%	380	360	35	9.7%	94.7%	
Wirt	1	1	0	0.0%	100.0%	381	361	35	9.7%	94.8%	
Wood	14	14	1	7.1%	100.0%	395	375	36	9.6%	94.9%	
Wyoming	5	4	0	0.0%	80.0%	400	379	36	9.5%	94.8%	

SSES Table 1 (Synar Survey Estimates and Sample Sizes)

CSAP-SYNAR REPORT

State	WV
Federal Fiscal Year (FFY)	2019
Date	10/11/2018 14:01
Data	SSES Data Entry Template - Final 2018.xlsx
Program Version	Version 7.0
Analysis Option	Stratified SRS with FPC

Estimates

Unweighted Retailer Violation Rate	9.5%
Weighted Retailer Violation Rate	9.5%
Standard Error	1.4%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 11.8%]
Two-sided 95% Confidence Interval	[6.8%, 12.2%]
Design Effect	1.0
Accuracy Rate (unweighted)	95.8%
Accuracy Rate (weighted)	95.8%
Completion Rate (unweighted)	99.0%

Sample Size for Current Year

Effective Sample Size	198
Target (Minimum) Sample Size	198
Original Sample Size	400
Eligible Sample Size	383
Final Sample Size	379
Overall Sampling Rate	17.4%

SSES Table 2 (Synar Survey Results by Stratum and by OTC/VM)

STATE: WV

FFY: 2019

Samp. Stratum	Var. Stratum	Outlet Frame Size	Estimated Outlet Population Size	Number of PSU Clusters Created	Number of PSU Clusters in Sample	Outlet Sample Size	Number of Eligible Outlets in Sample	Number of Sample Outlets Inspected	Number of Sample Outlets in Violation	Retailer Violation Rate(%)	Standard Error(%)
All Outlets											
1	1	2,280	2,183	N/A	N/A	400	383	379	36	9.5%	
Total		2,280	2,183			400	383	379	36	9.5%	1.4%
Over the Counter Outlets											
1	1	2,280	2,183	N/A	N/A	379	379	379	36	9.5%	
Total		2,280	2,183			379	379	379	36	9.5%	1.4%
Vending Machines											
1	1	0	0	N/A	N/A	0	0	0	0	0.0%	
Total		0	0			0	0	0	0	0.0%	0.0%

Note: There are some records with unknown outlet type. Therefore the overall counts may not equal the sum of OTC and VM counts.

SSES Table 3 (Synar Survey Sample Tally Summary)

STATE: WV
 FFY: 2019

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	379	
Total (Eligible Completes)			379
N1	In operation but closed at time of visit	3	
N2	Unsafe to access	0	
N3	Presence of police	0	
N4	Youth inspector knows salesperson	0	
N5	Moved to new location but not inspected	0	
N6	Drive thru only/youth inspector has no drivers license	0	
N7	Tobacco out of stock	1	
N8	Run out of time	0	
N9	Other noncompletion	0	
Total (Eligible Noncompletes)			4
I1	Out of Business	11	
I2	Does not sell tobacco products	5	
I3	Inaccessible by youth	0	
I4	Private club or private residence	1	
I5	Temporary closure	0	
I6	Can't be located	0	
I7	Wholesale only/Carton sale only	0	
I8	Vending machine broken	0	
I9	Duplicate	0	
I10	Other ineligibility	0	
Total (Ineligibles)			17
Grand Total			400

SSES Table 4 (Synar Survey Inspection Results by Youth Inspector Characteristics)

STATE: WV
 FFY: 2019

Frequency Distribution

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	11	126	4
	17	5	60	6
	18	0	0	0
	19	0	0	0
	20	0	0	0
	Subtotal	16	186	10
Female	14	0	0	0
	15	0	0	0
	16	4	50	7
	17	16	143	19
	18	0	0	0
	19	0	0	0
	20	0	0	0
	Subtotal	20	193	26
Other		0	0	0
Grand Total		36	379	36

Buy Rate in Percent by Age and Gender

Age	Male	Female	Total
14	0.0%	0.0%	0.0%
15	0.0%	0.0%	0.0%
16	3.2%	14.0%	6.3%
17	10.0%	13.3%	12.3%
18	0.0%	0.0%	0.0%
19	0.0%	0.0%	0.0%
20	0.0%	0.0%	0.0%
Other			0.0%
Total	5.4%	13.5%	9.5%

SSES Table 6 (Synar Survey Inspection Results by Type of Product)

SSES Table 6 (Synar Survey Inspection Results by Type of Product)

STATE: WV
FFY: 2019

STATE: WV
FFY: 2019

Frequency Distribution and Buy Rate

Product Type	Attempted Buys	Successful Buys	Violation Rate (%)
Cigarettes	299	31	10.4%
Small cigars/Cigarillos	9	0	0.0%
Smokeless tobacco	54	3	5.6%
ENDS	17	2	11.8%
Other	0	0	0.0%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	379	36	9.5%

Buy Rate by Type of Product, Age, and Gender

Product Type	Male							Total
	Age							
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	2.5%	14.3%	0.0%	0.0%	0.0%	6.1%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Smokeless tobacco	0.0%	0.0%	4.9%	7.7%	0.0%	0.0%	0.0%	5.6%
ENDS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	3.2%	10.0%	0.0%	0.0%	0.0%	5.4%

Female

Product Type	Age							Total
	Age							
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	14.6%	12.4%	0.0%	0.0%	0.0%	13.0%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Smokeless tobacco	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	25.0%
ENDS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	14.0%	13.3%	0.0%	0.0%	0.0%	13.5%

All

Product Type	Age							Total
	Age							
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	7.1%	12.8%	0.0%	0.0%	0.0%	10.4%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Smokeless tobacco	0.0%	0.0%	4.9%	7.7%	0.0%	0.0%	0.0%	5.6%
ENDS	0.0%	0.0%	0.0%	18.2%	0.0%	0.0%	0.0%	11.8%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	6.2%	12.3%	0.0%	0.0%	0.0%	9.5%

SSES Table 7 (Synar Survey Inspection Results by Type of Retail Outlet)

STATE: WV
 FFY: 2019

Frequency Distribution and Buy Rate

Retail Outlet	Attempted Buys	Successful Buys	Violation Rate (%)
Gas Station	223	21	9.4%
Tobacco Store	16	2	12.5%
Restaurant	4	1	25.0%
Hotel	0	0	0.0%
Grocery Store	36	4	11.1%
Drug Store	23	0	0.0%
Other	77	8	10.4%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	379	36	9.5%

SSES Table 7 (Synar Survey Inspection Results by Type of Retail Outlet)

STATE: WV
 FFY: 2019

Buy Rate by Type of Retail Outlet, Age, and Gender

Retail Outlet	Male						Total
	Age						
	14	15	16	17	18	19	
Gas Station	0.0%	0.0%	3.9%	13.8%	0.0%	0.0%	6.7%
Tobacco Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Restaurant	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	5.0%
Drug Store	0.0%	0.0%	4.5%	7.7%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.7%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	3.2%	10.0%	0.0%	0.0%	5.4%

Retail Outlet	Female						Total
	Age						
	14	15	16	17	18	19	
Gas Station	0.0%	0.0%	12.9%	11.5%	0.0%	0.0%	11.9%
Tobacco Store	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	25.0%
Restaurant	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	50.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	25.0%	16.7%	0.0%	0.0%	18.8%
Drug Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	12.5%	14.7%	0.0%	0.0%	14.3%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	14.0%	13.3%	0.0%	0.0%	13.5%

SSES Table 7 (Synar Survey Inspection Results by Type of Retail Outlet)

STATE: WV
 FFY: 2019

Buy Rate by Type of Retail Outlet, Age, and Gender

Retail Outlet	All						Total
	Age						
	14	15	16	17	18	19	
Gas Station	0.0%	0.0%	6.5%	12.1%	0.0%	0.0%	9.4%
Tobacco Store	0.0%	0.0%	0.0%	18.2%	0.0%	0.0%	12.5%
Restaurant	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	25.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	5.0%	18.8%	0.0%	0.0%	11.1%
Drug Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	6.7%	12.8%	0.0%	0.0%	10.4%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	6.2%	12.3%	0.0%	0.0%	9.5%

SSES Table 8 (Synar Survey Inspection Results by Clerk Asked for ID)

STATE: WV
FFY: 2019

Buy Rate by Clerk Asked for ID, Age, and Gender

Male								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	0.8%	7.1%	0.0%	0.0%	0.0%	2.8%
No	0.0%	0.0%	75.0%	50.0%	0.0%	0.0%	0.0%	62.5%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	3.2%	10.0%	0.0%	0.0%	0.0%	5.4%

Female								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	12.5%	9.1%	0.0%	0.0%	0.0%	10.0%
No	0.0%	0.0%	50.0%	63.6%	0.0%	0.0%	0.0%	61.5%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	14.0%	13.3%	0.0%	0.0%	0.0%	13.5%

All								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	4.1%	8.5%	0.0%	0.0%	0.0%	6.4%
No	0.0%	0.0%	66.7%	60.0%	0.0%	0.0%	0.0%	61.9%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	6.2%	12.3%	0.0%	0.0%	0.0%	9.5%

SSES Table 8 (Synar Survey Inspection Results by Clerk Asked for ID)

STATE: WV
FFY: 2019

Frequency Distribution and Buy Rate

Clerk Asked for ID	Attempted Buys	Successful Buys	Violation Rate (%)
Yes	358	23	6.4%
No	21	13	61.9%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	379	36	9.5%