

Florida Impaired Driving in Traffic Crash Data

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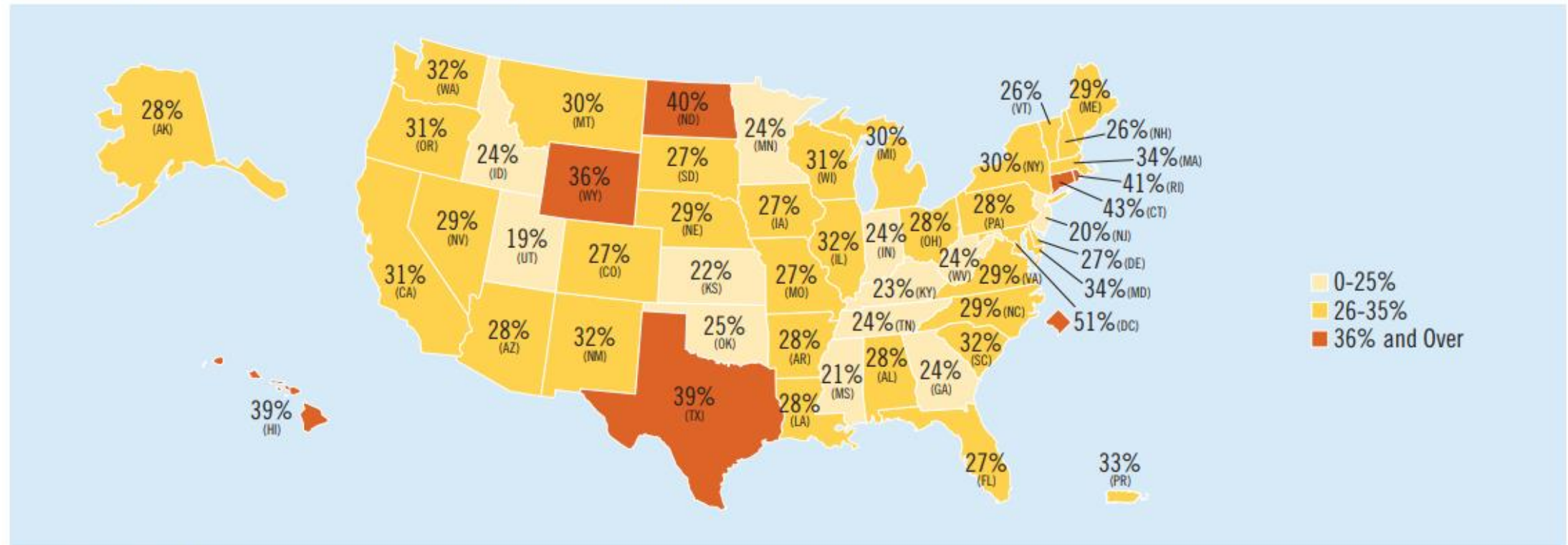


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Alcohol-Impaired-Driving-Fatalities (NHTSA)

Figure 5
Percentage of Alcohol-Impaired-Driving Fatalities by State, 2017



Source: FARS 2017 ARF

<https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812630>

Alcohol-Impaired-Driving-Fatalities (FL DHSMV)

		2017	2016	2015	% Change 2016 to 2017	3 Year Average
General Statistics	Total Crashes	402,385	395,785	374,342	1.67%	390,837
	Drivers Involved	686,590	668,699	630,550	2.68%	661,946
	Average Crashes per Day	1,098	1,081	1,025	1.57%	1,068
	Mileage Death Rate (per 100 million VMT)	1.42	1.48	1.42	-4.05%	1.44
	Fatal Crashes	2,924	2,935	2,699	-0.37%	2,853
	Fatalities	3,116	3,176	2,939	-1.89%	3,077
	Injury Crashes	166,612	165,940	159,795	0.40%	164,116
	Injuries	254,310	254,155	243,316	0.06%	250,594
	Incapacitating Injury Crashes	16,574	17,568	17,545	-5.66%	17,229
	Incapacitating Injuries	20,380	21,645	21,546	-5.84%	21,190
	Property Damage Only	232,849	226,910	211,848	2.62%	223,869
Drug & Alcohol Impairment	Alcohol Confirmed Crashes	5,125	5,223	5,522	-1.88%	5,290
	Alcohol Confirmed Fatal Crashes	350	417	460	-16.07%	409
	Alcohol Confirmed Fatalities	374	461	508	-18.87%	448
	Alcohol Confirmed Injury Crashes	1,946	1,971	2,087	-1.27%	2,001
	Alcohol Confirmed Injuries	3,035	3,160	3,322	-3.96%	3,172
	Drug Confirmed Crashes	668	617	557	8.27%	614
	Drug Confirmed Fatal Crashes	310	291	256	6.53%	286
	Drug Confirmed Fatalities	338	322	281	4.97%	314
	Drug Confirmed Injury Crashes	338	321	262	5.30%	307
	Drug Confirmed					

2017: 374/3116 = 12%

2016: 461/3176 = 14%

2015: 508/2939 = 17%

Alcohol Confirmed Crashes	5,125
Alcohol Confirmed Fatal Crashes	350
Alcohol Confirmed Fatalities	374
Alcohol Confirmed Injury Crashes	1,946
Alcohol Confirmed Injuries	3,035

https://flhsmv.gov/pdf/crashreports/crash_facts_2017.pdf

Florida Data vs. NHTSA publication

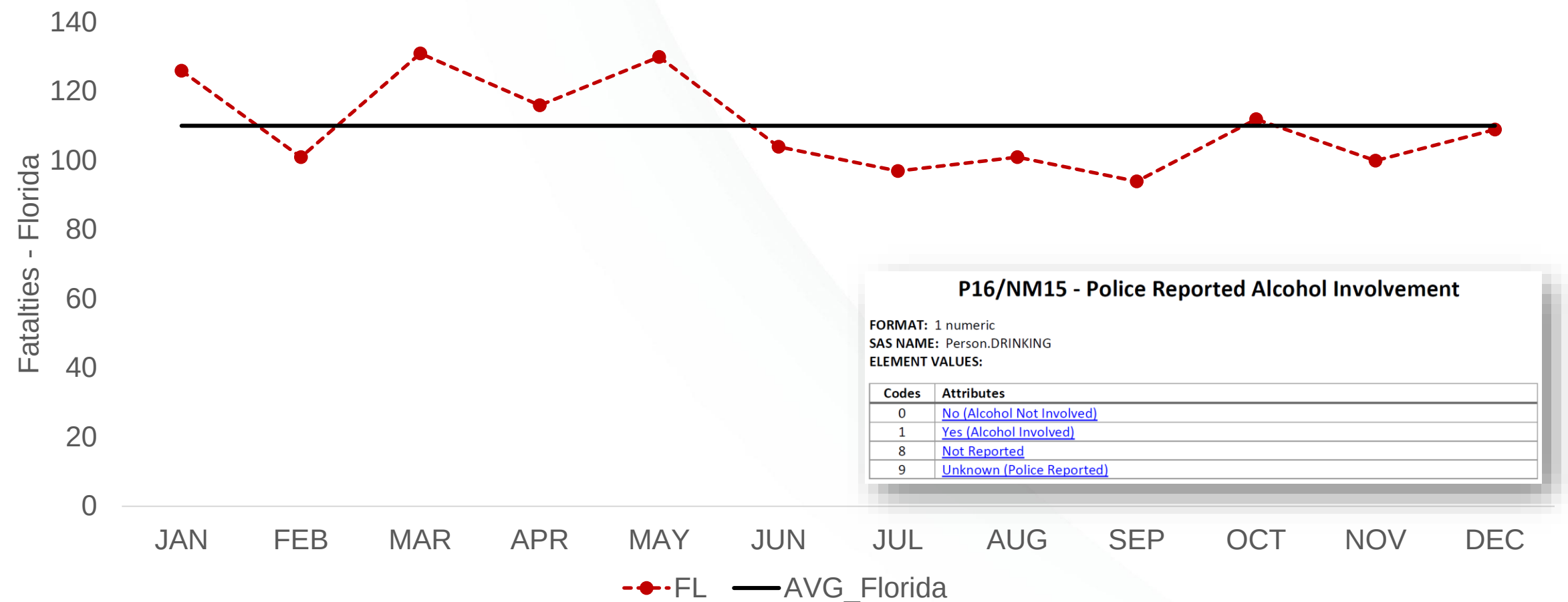
	FL CARS: 2017		NHTSA - FL: 2017 (Table 4)		FARS - FL: 2017	
BAC Level	Fatalities	Percent	Fatalities	Percent	Fatalities	Percent
0	2638	84%	2126	68%	779	61%
> 0	499	16%	974	31%	493	39%
> 0.08	405	13%	839	27%	408	32%
> 0.15	290	9%	560	18%	296	23%
Total	3137	100%	3112	100%	1272*	100%

* Considering 995 (1158), 996 (595), 997 (10), and 998 (13) and 999 (64) in total 1840 adding to 1272 results in 3,112

995 Not Reported
 996 None Given
 997 AC Test Performed, Results Unknown
 998 PBT Positive Reading with No Actual Value (Since 2004)
 -- Unknown if Tested/Not Reported
 999 Unknown if Tested

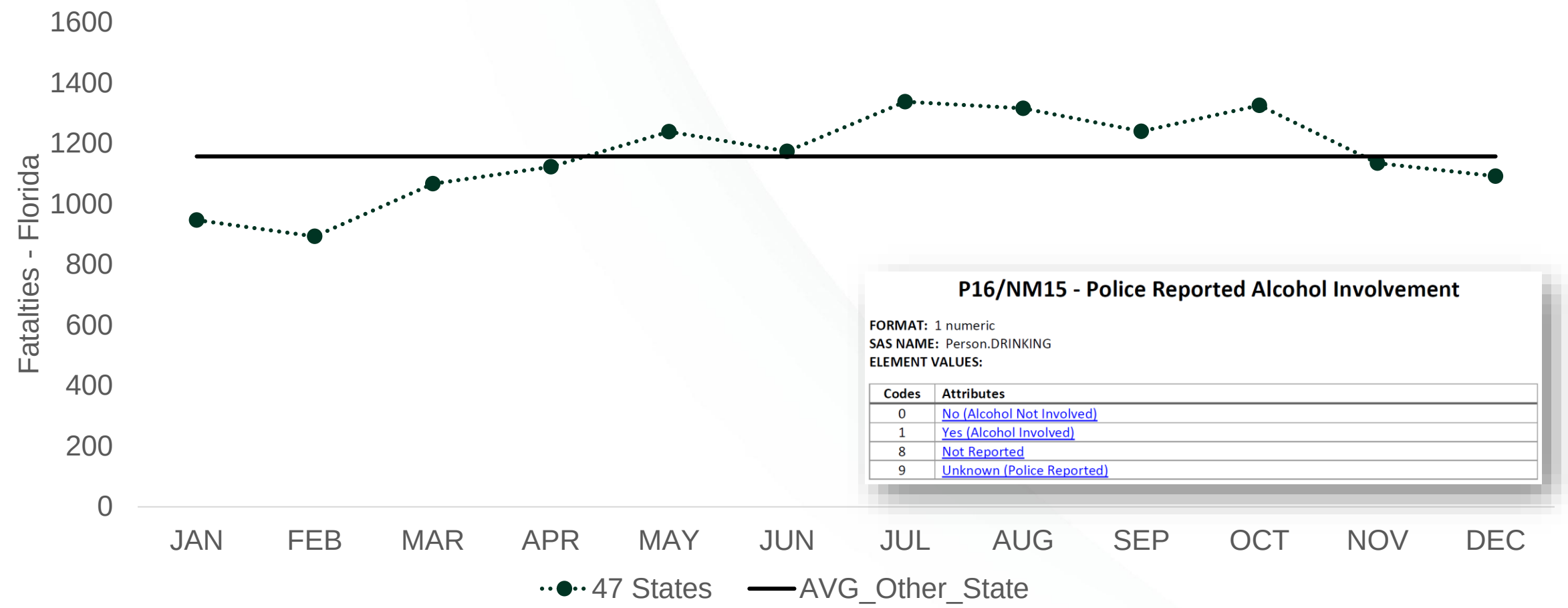
Alcohol-Impaired-Driving-Fatalities in Florida

(FARS: 2015-2017)



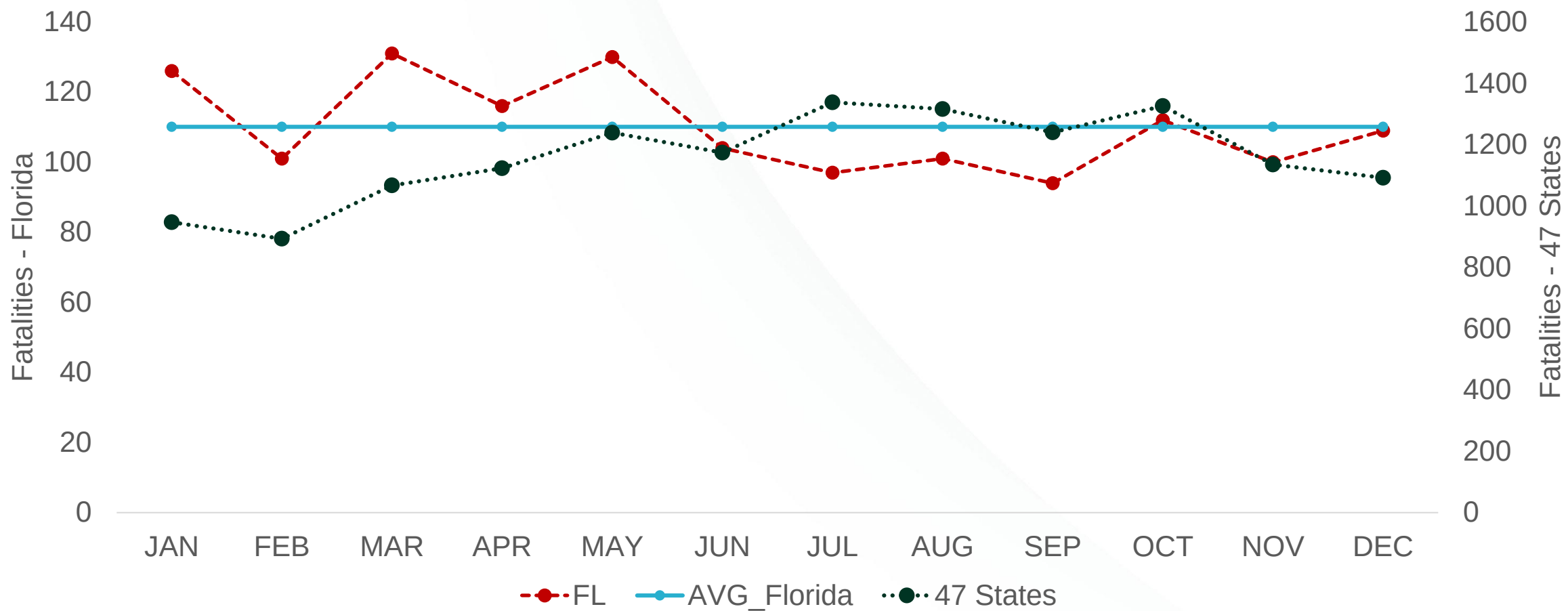
Alcohol-Impaired-Driving-Fatalities in Other 47 States

(FARS: 2015-2017)

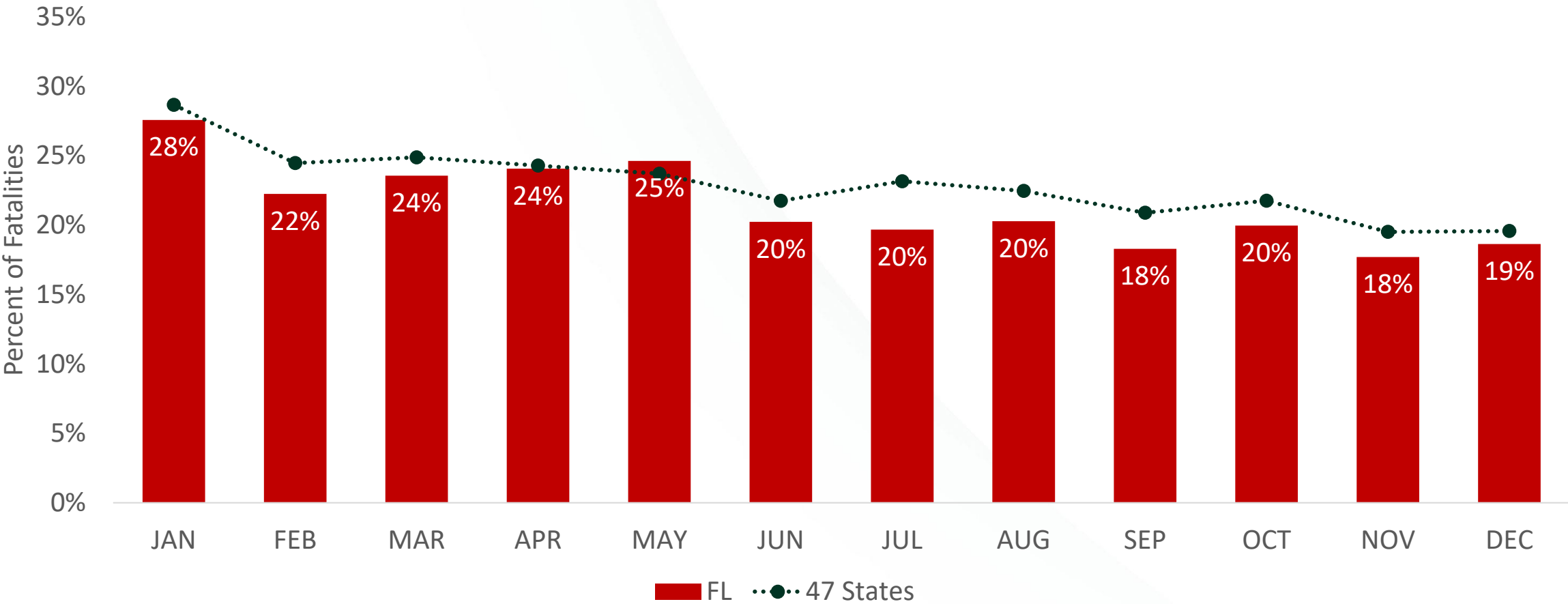


Alcohol-Impaired-Driving-Fatalities: Florida vs Other 47 States

(FARS: 2015-2017)



Proportion of Alcohol-Impaired-Driving-Fatalities by Month

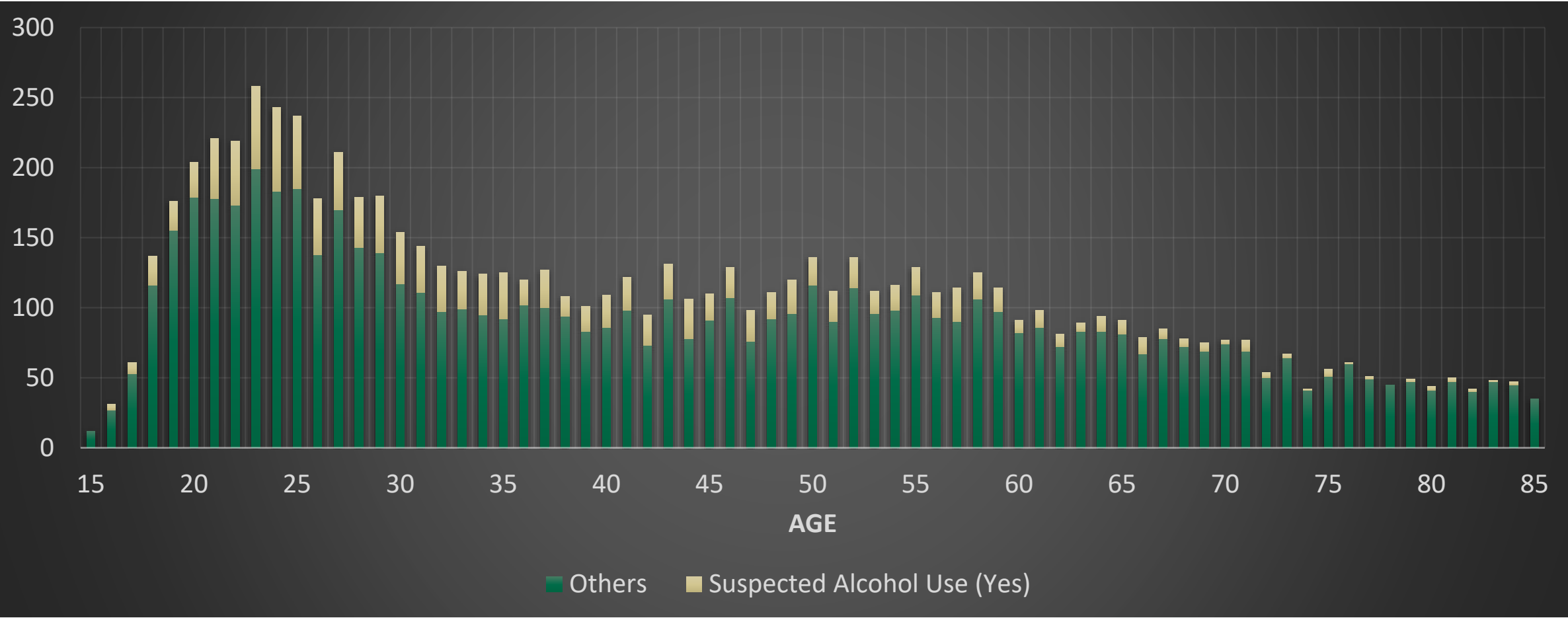


Proportion of Alcohol-Impaired-Driving-Fatalities by Month and Age Group (2015-2017)

	Drinking(Yes)/All Traffic Fatalities											
State\Month	1	2	3	4	5	6	7	8	9	10	11	12
FL (All Age)	28%	22%	24%	24%	25%	20%	20%	20%	18%	20%	18%	19%
Under Age 30	25%	20%	19%	22%	19%	19%	16%	16%	15%	15%	16%	13%
Ages 30-49	28%	31%	30%	23%	23%	22%	19%	23%	23%	24%	17%	19%
Age 50 or more	19%	11%	15%	16%	19%	14%	12%	15%	13%	13%	12%	13%
Other States (All Age)	29%	24%	25%	24%	24%	22%	23%	22%	21%	22%	20%	20%
Under Age 30	21%	21%	20%	22%	20%	18%	20%	20%	19%	19%	19%	18%
Ages 30-49	27%	23%	25%	25%	24%	23%	25%	24%	22%	23%	21%	22%
Age 50 or more	13%	14%	13%	13%	13%	11%	13%	12%	12%	13%	11%	11%

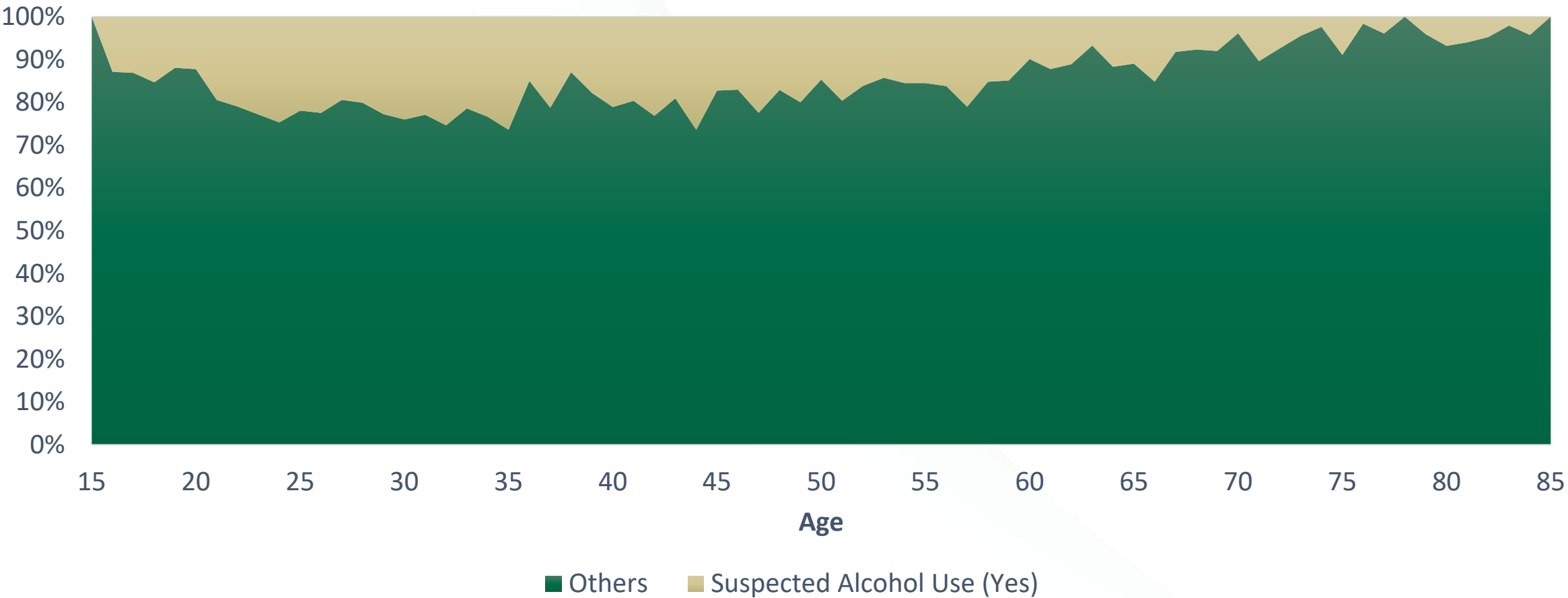
Suspected Alcohol Use by Age in Fatal Crashes (1)

(CAR 2013-2017)



Suspected Alcohol Use by Age in Fatal Crashes (2)

(CAR 2013-2017)



Findings

- **Quality of Impaired Driving in Traffic Crash Data (State/NHTSA)**
- **Understanding Florida Specific Information**
- **Lack of information about People/Situation/Event**
- **Need more digging!**

What do you know for sure?



<http://goodtaste.tv/recipes/showrecipe/display/lubys-homestyle-chicken-soup>

Question?

- **When you check out tomorrow morning, you will need get a receipt for parking only. No room charge.**
- **Chanyoung Lee (leec@cutr.usf.edu)**