

# Young Driver Crash Risk



David F. Preusser

Preusser Research Group, Inc.

7100 Main Street

Trumbull, CT 06611

**“How interested are you in getting your license just as soon as you can?”**

(Ages 15 and Younger)

Very	– 76%
Somewhat	– 18%
Slightly	– 5%
Not At All	– 1%

## (Ages 15 and Younger)

“Having my own car is very important to me”

89% agree

“Teenagers who have their own car have more fun”

71% agree

“People treat you more like an adult when you have a driver’s license”

62% agree

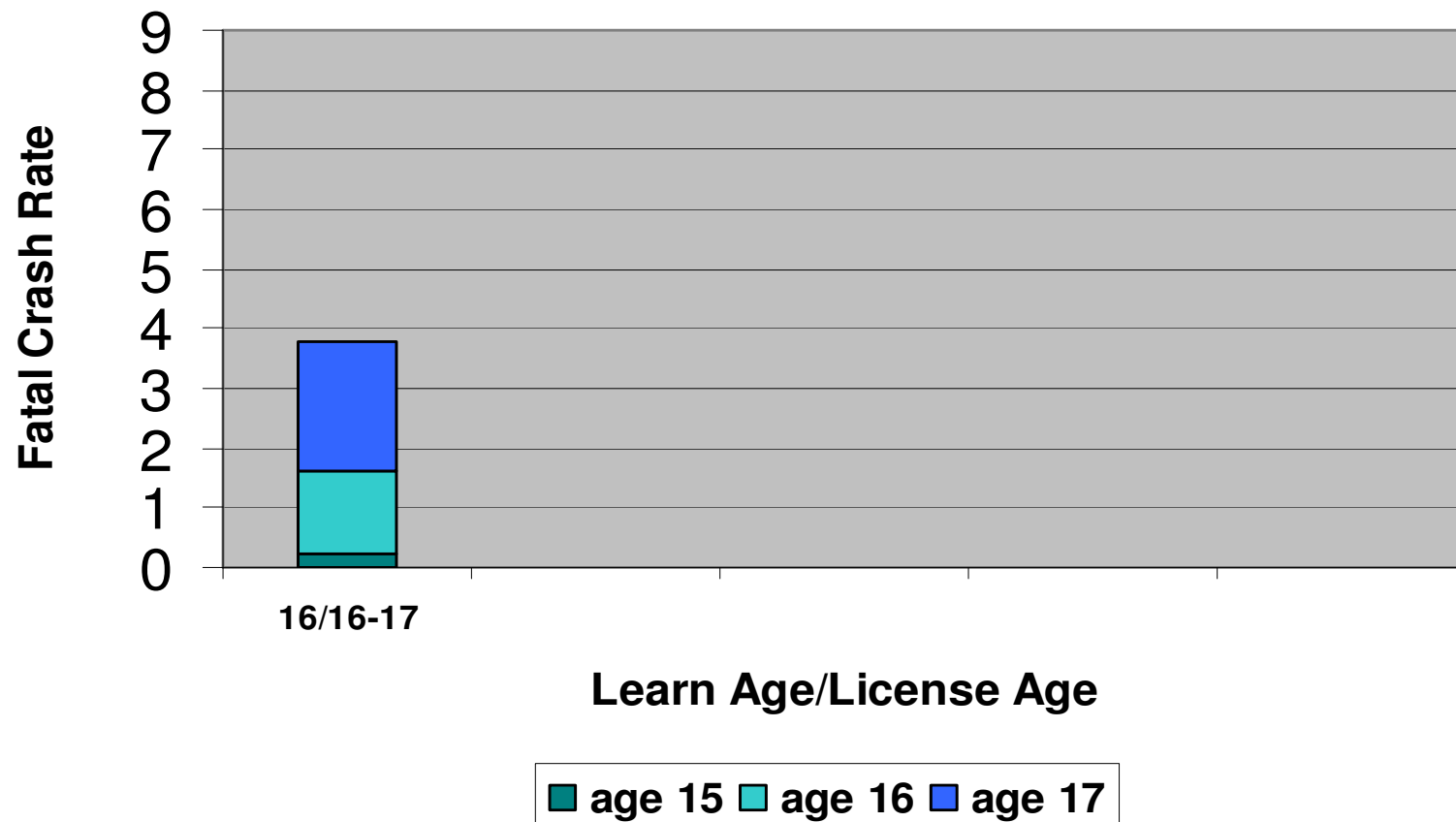
**PERCENT WHO DRIVE  
50 MILES OR MORE PER WEEK**

No License or Permit 1%

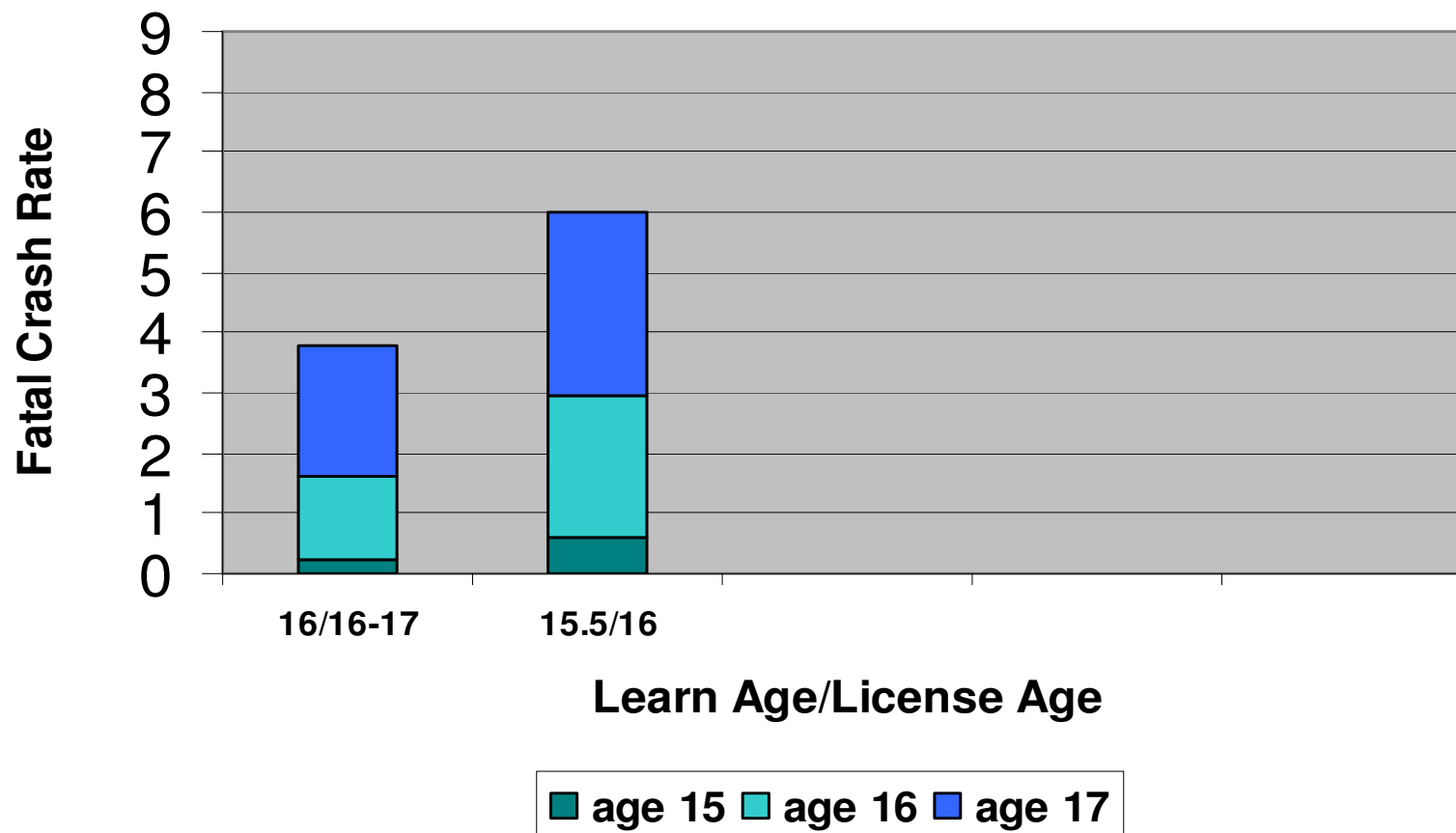
Learner's Permit 5%

Licensed 44%

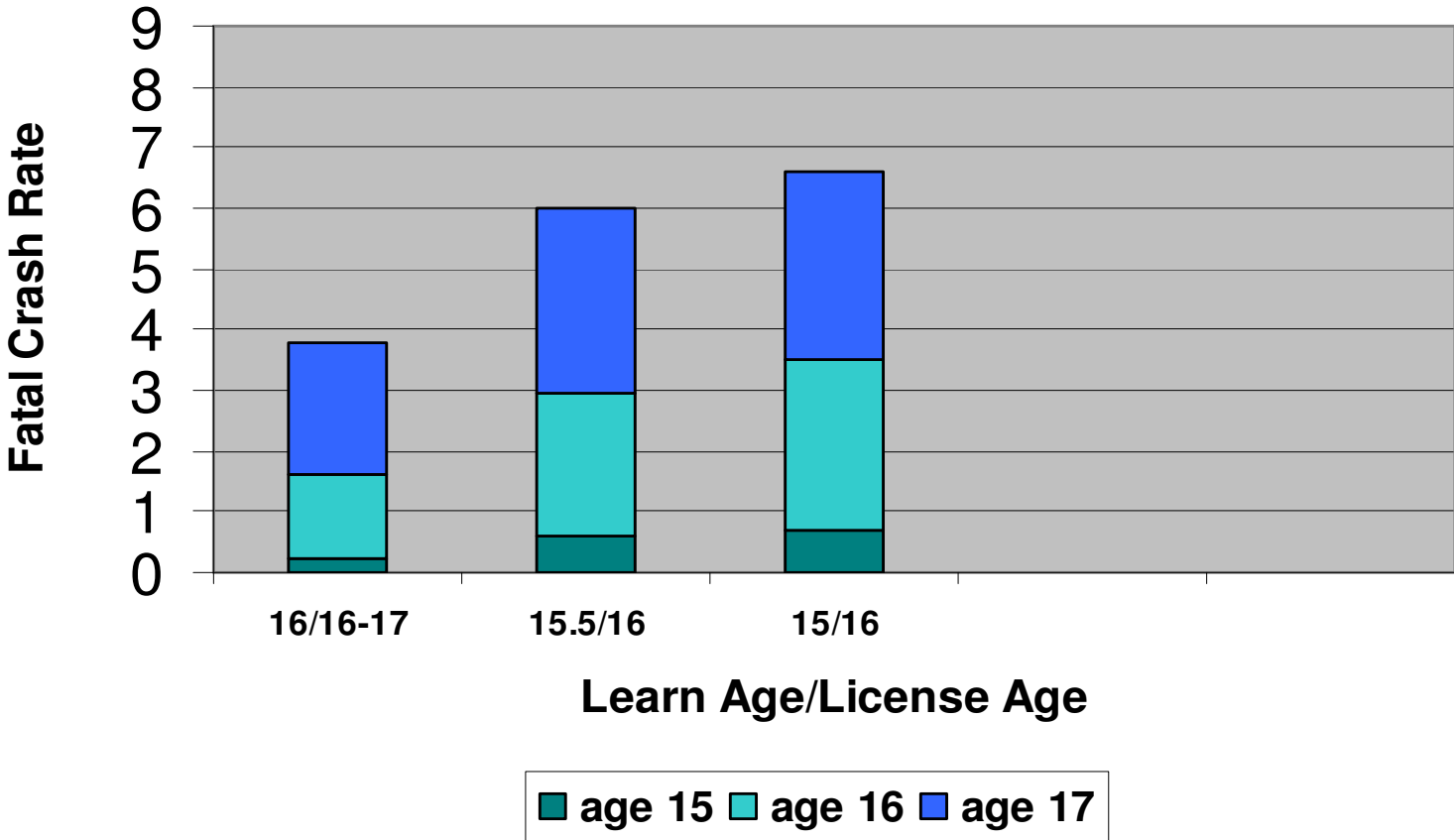
## Driver Fatal Crash Involvement Rates (per 100k population, 1989-93)



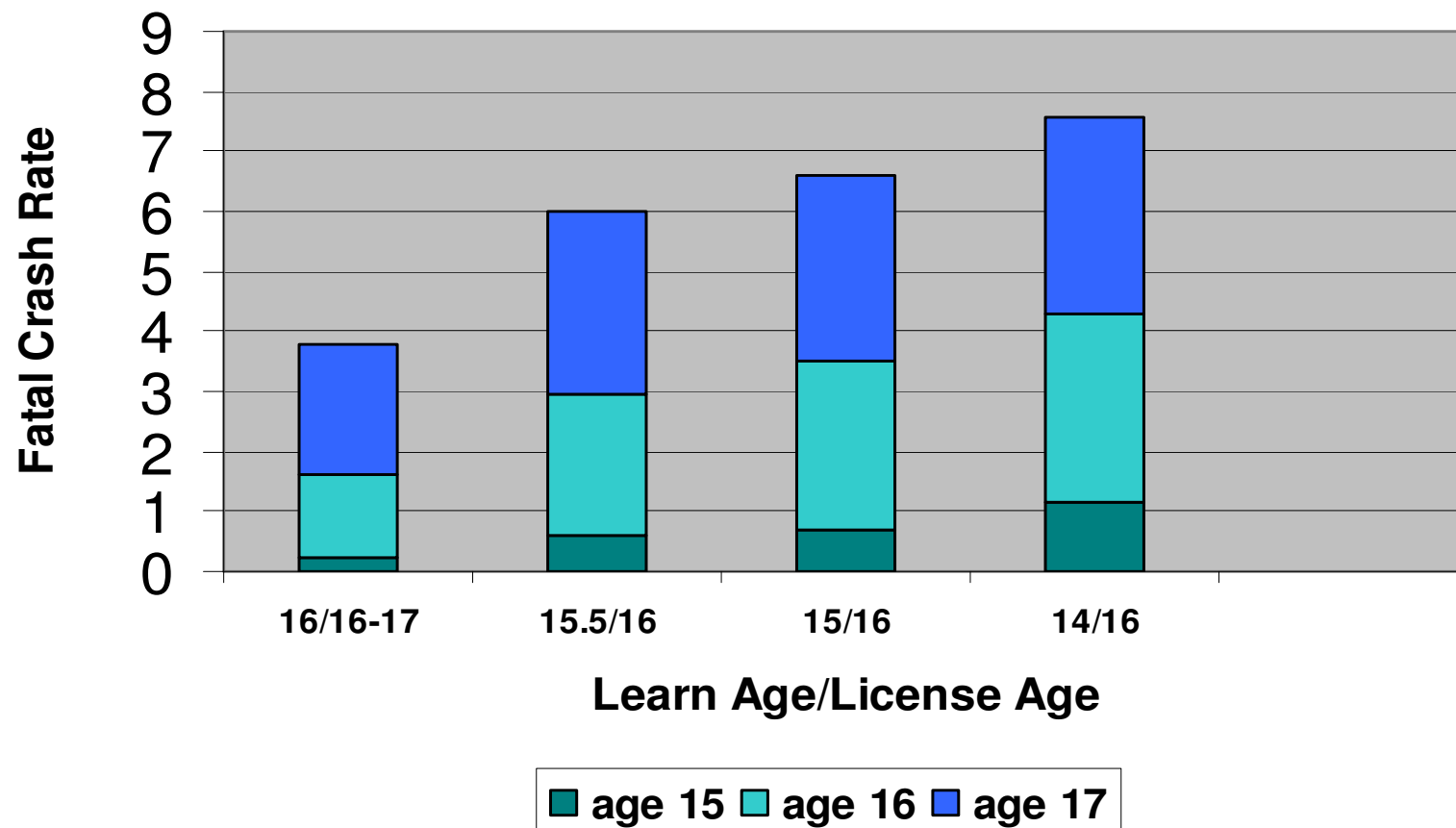
## Driver Fatal Crash Involvement Rates (per 100k population, 1989-93)



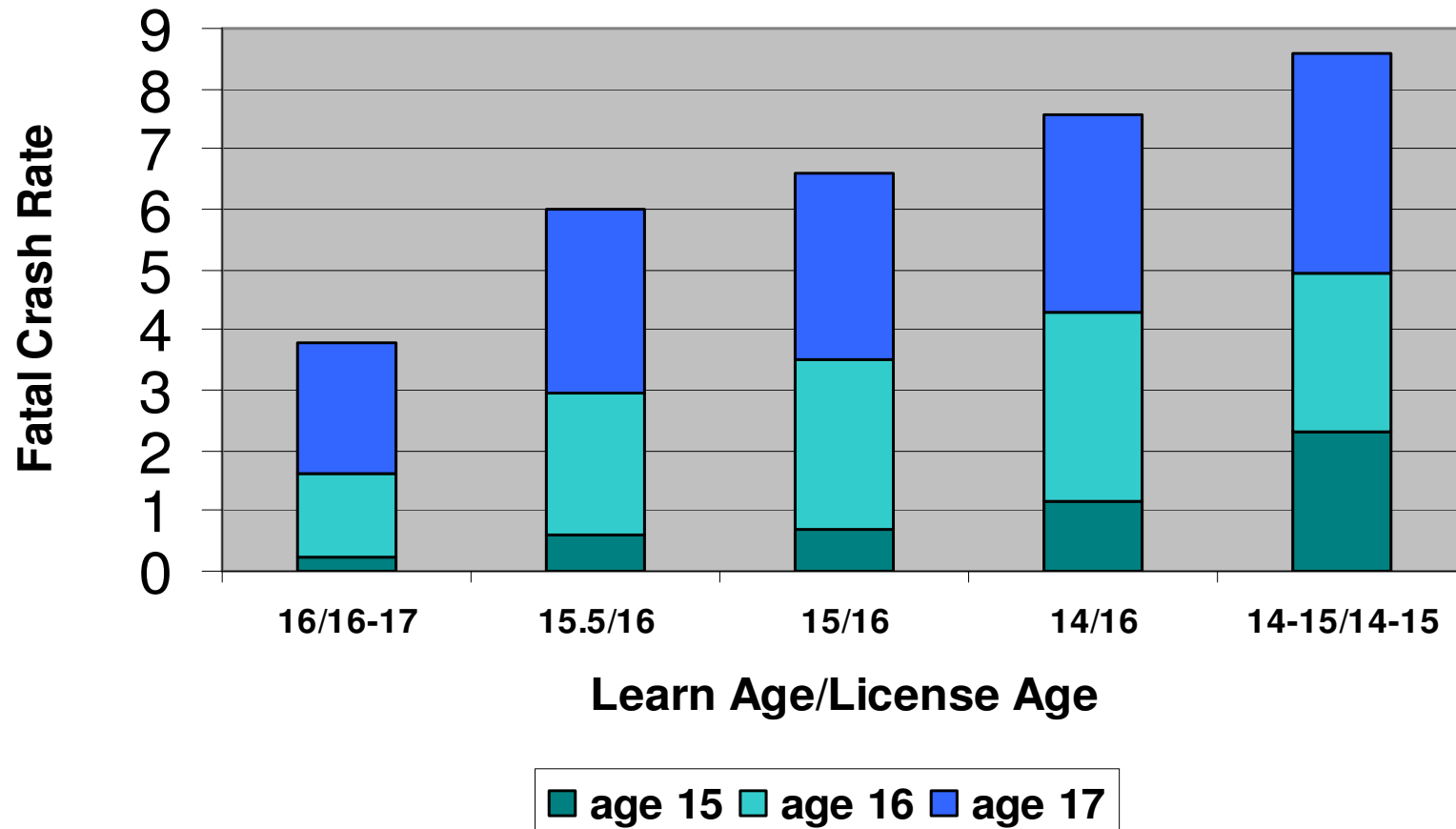
# Driver Fatal Crash Involvement Rates (per 100k population, 1989-93)



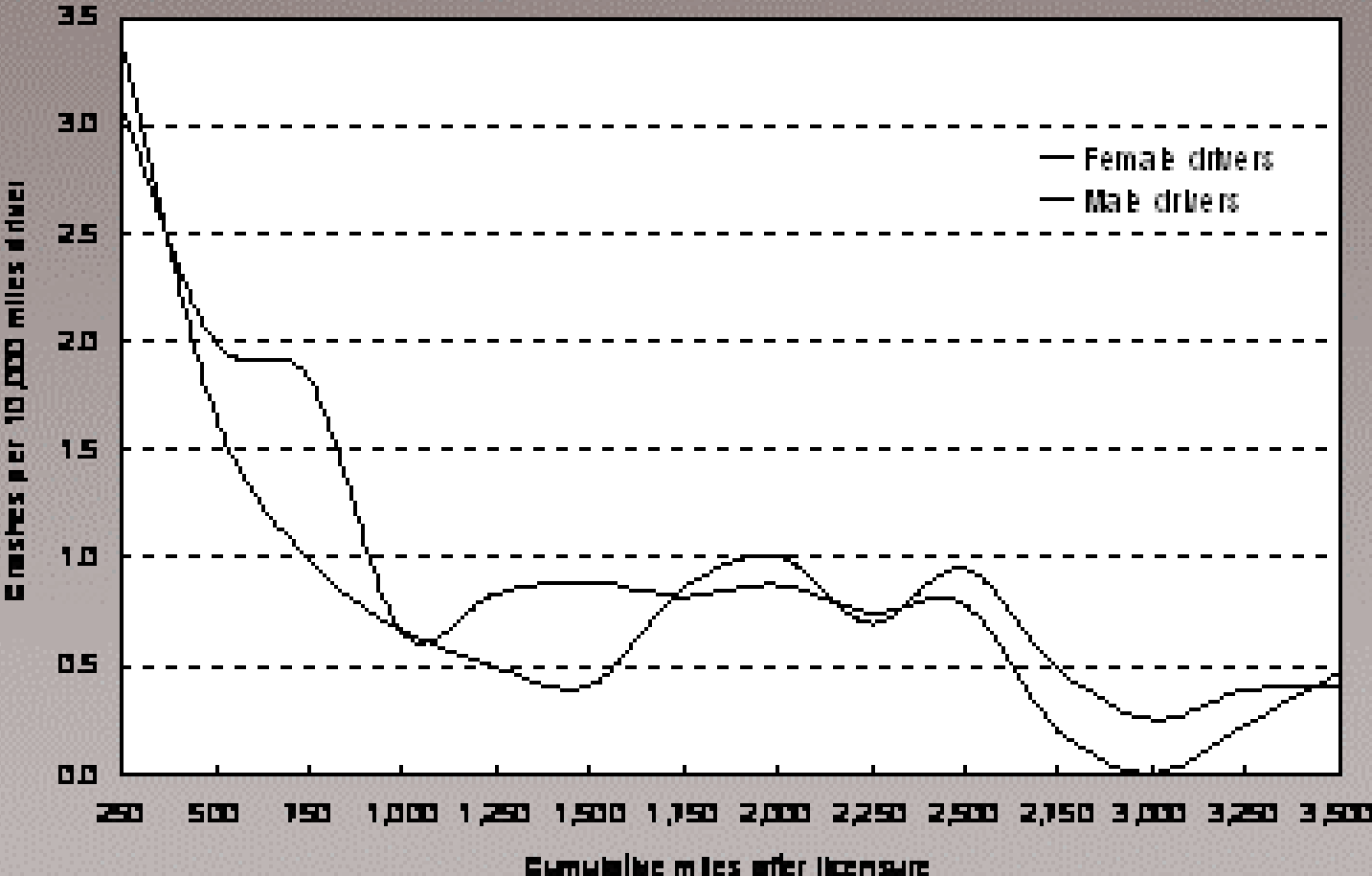
## Driver Fatal Crash Involvement Rates (per 100k population, 1989-93)



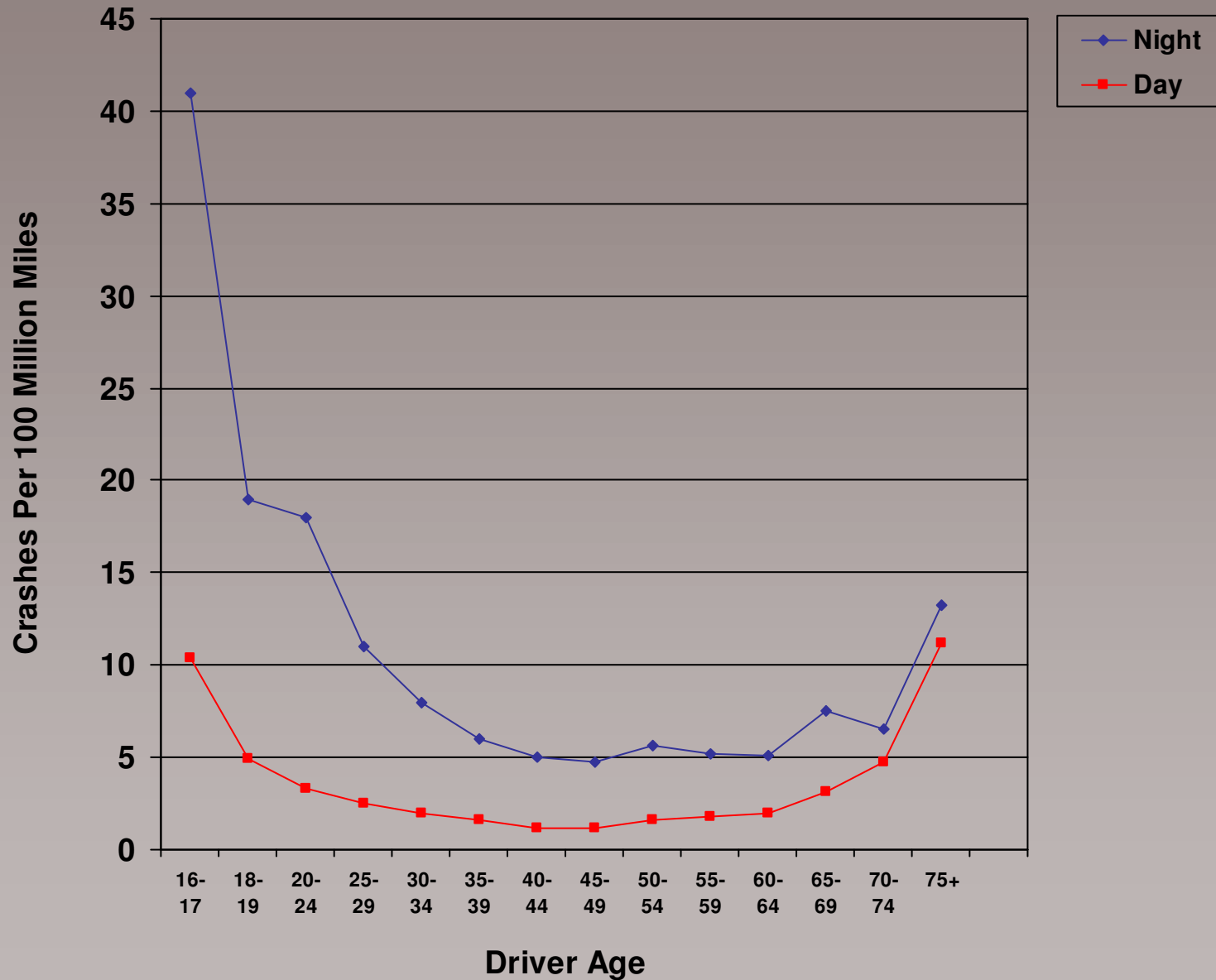
## Driver Fatal Crash Involvement Rates (per 100k population, 1989-93)



**Figure 2**  
**Crash Rate by Cumulative Miles Driven after Licensure –**  
**Male Drivers and Female Drivers**



## Fatal Crash Involvement per 100 Million Miles Day vs. Night, by Driver Age, 1990



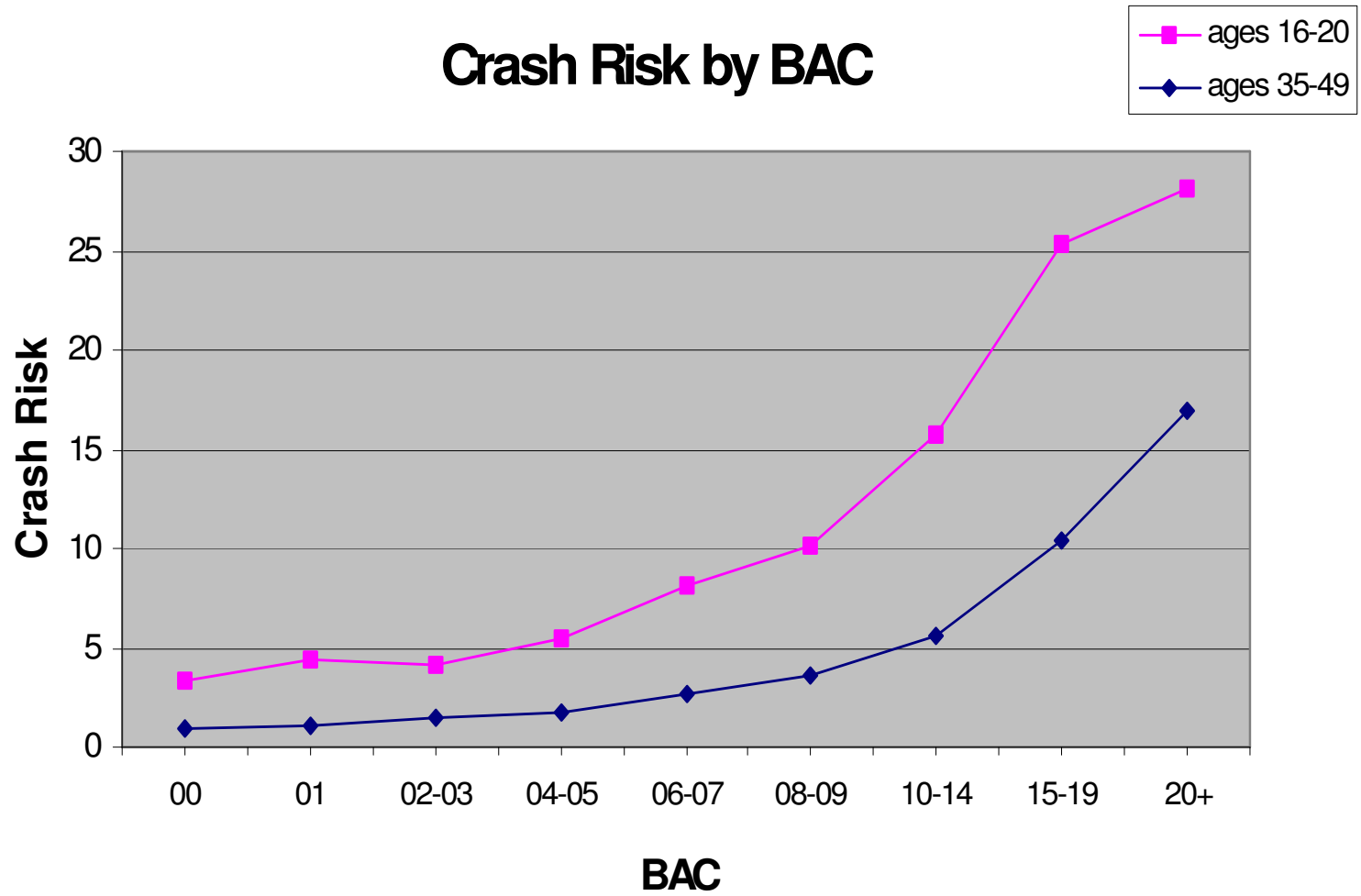
## Crash Risk and Passengers

<b>Driver Age</b>	<b>Alone</b>	<b>Passenger(s)</b>
16	2.28	4.72
17	1.77	3.52
18	1.77	3.66
19	1.61	3.23
20-24	1.50	2.54
25-29	1.28	1.69
30-59	1.00	1.00

## Crash Risk by Age and BAC (FARS 1987-99, N=192,282)

	<b>Blood Alcohol Concentration</b>								
<b>AGE</b>	<b>00</b>	<b>01</b>	<b>02-03</b>	<b>04-05</b>	<b>06-07</b>	<b>08-09</b>	<b>10-14</b>	<b>15-19</b>	<b>20+</b>
<b>16-20</b>	3.31	4.37	4.12	5.44	8.17	10.10	15.77	25.30	28.19
<b>21-24</b>	1.79	2.18	2.59	4.42	6.11	8.13	10.73	16.43	26.00
<b>25-34</b>	1.25	1.38	1.89	2.32	2.94	4.37	7.27	11.61	16.08
<b>35-49</b>	1.00	1.09	1.49	1.78	2.62	3.56	5.64	10.44	16.99
<b>50-64</b>	1.02	0.93	1.17	1.24	2.03	2.23	4.71	8.48	13.24
<b>65 +</b>	2.04	1.97	2.49	2.50	2.50	3.55	4.83	7.48	9.48

## Crash Risk by BAC



# High crash rates overall

Very high:

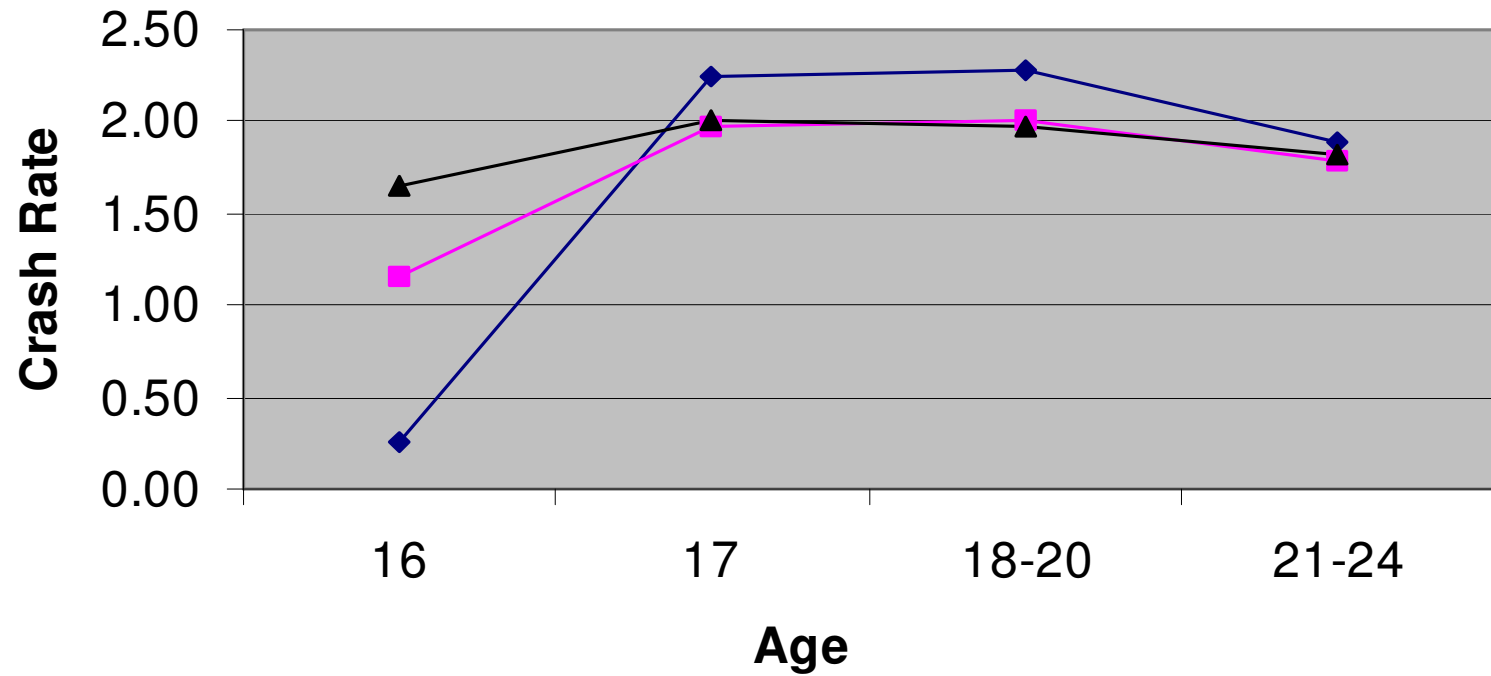
During first few months/miles of driving

At night

With teenage passenger

With alcohol

## Crash Rates by Age



—◆— LI & NJ —■— PA & NY —▲— DE & CT