



Agricultural-Related Crashes in the Southwest Agricultural Region, 2010–2018¹

Farming Industry in the Region

In 2012, there were **2,109,303** farm operations in the United States. Of these, **20%** were located in the Southwest Agricultural region.²



30% of crashes occurred in the summer. All states experienced a higher percentage of crashes in the summer, *except for Louisiana which had a slightly higher percentage of crashes in the fall.*



In 2012, the five states in the region accounted for **13.8%** of farm-related income, **7.8%** of crop production value and **16.5%** of the total value of animals and products in the United States.³



Of the crashes, **15%** were single-vehicle vs **85%** were multi-vehicle crashes.



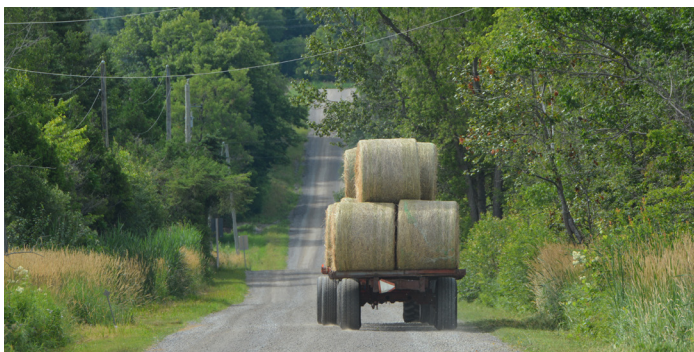
26% of farm equipment drivers involved in a crash did not wear a seatbelt compared to **4%** of other drivers.⁶



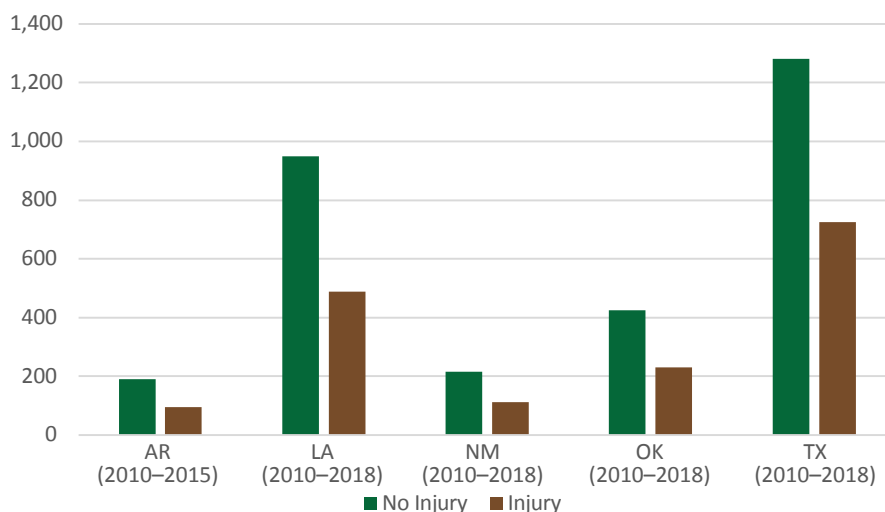
Of the MV crashes, **32%** were intersection-related.⁵



Speed was a factor in **34%** of injury crashes vs **23%** of non-injury crashes.⁶



Agricultural-Related Crash Frequency by Severity^{1,4}



Agricultural-Related Crash Basic Statistics

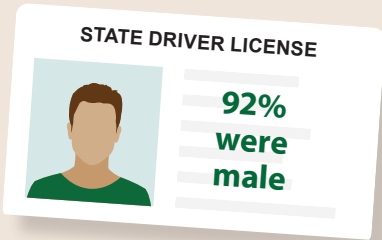
From 2010 to 2018, there were **4,714** crashes that involved farm equipment in the region. Of these, **1,729 (37%)** resulted in an injury.



State	Years of Data	# of Crashes
AR	2010–2015	285
LA	2010–2018	1,437
NM	2010–2018	328
OK	2010–2018	656
TX	2010–2018	2,008



What do we know about agricultural drivers involved in crashes?¹



Top 3 Age Categories:



19% 45 to 54 years old



17% 55 to 64 years old

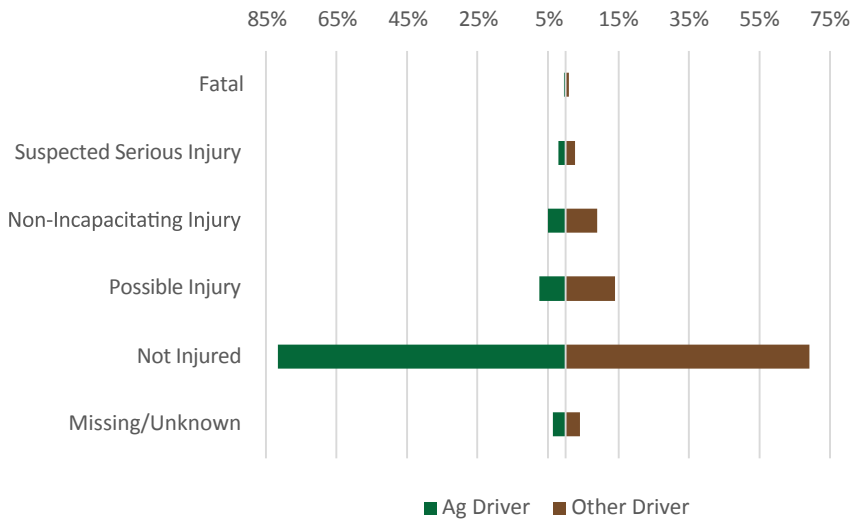


17% 25 to 34 years old

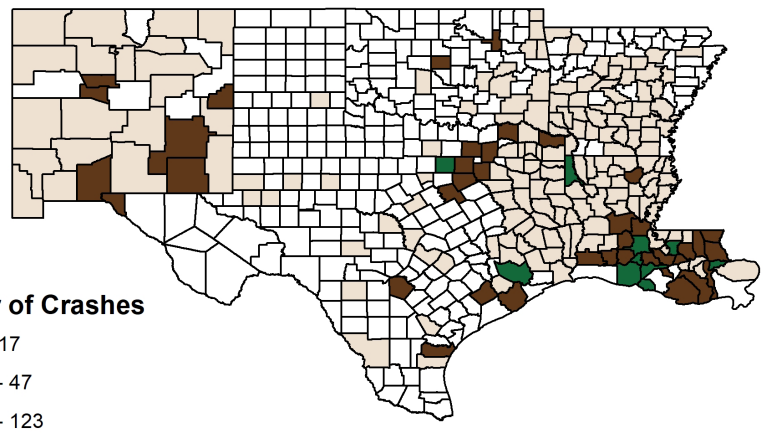


Of importance is that **2% of drivers were under 16 years old.**

Percentage of Drivers by Injury Severity, 2010–2018¹



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References

- ¹ AR includes data from 2010–2015.
- ² <https://www.icip.iastate.edu/tables/agriculture/farms-by-state>
- ³ USDA, ERS
- ⁴ Injury crashes are defined as any crash that resulted in a fatal (K), suspected serious (A), non-incapacitating (B), or possible injury (C).
- ⁵ NM is not included in this statistic as there is not a comparable variable.
- ⁶ AR is not included in this statistic as there is not a comparable variable.

For More Information

<https://groups.tti.tamu.edu/cts/swagcrash/>

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