Unlicensed to Ride:

Encouraging Riders to Get Training

Texas Motorcycle Safety Coalition

| August 2022

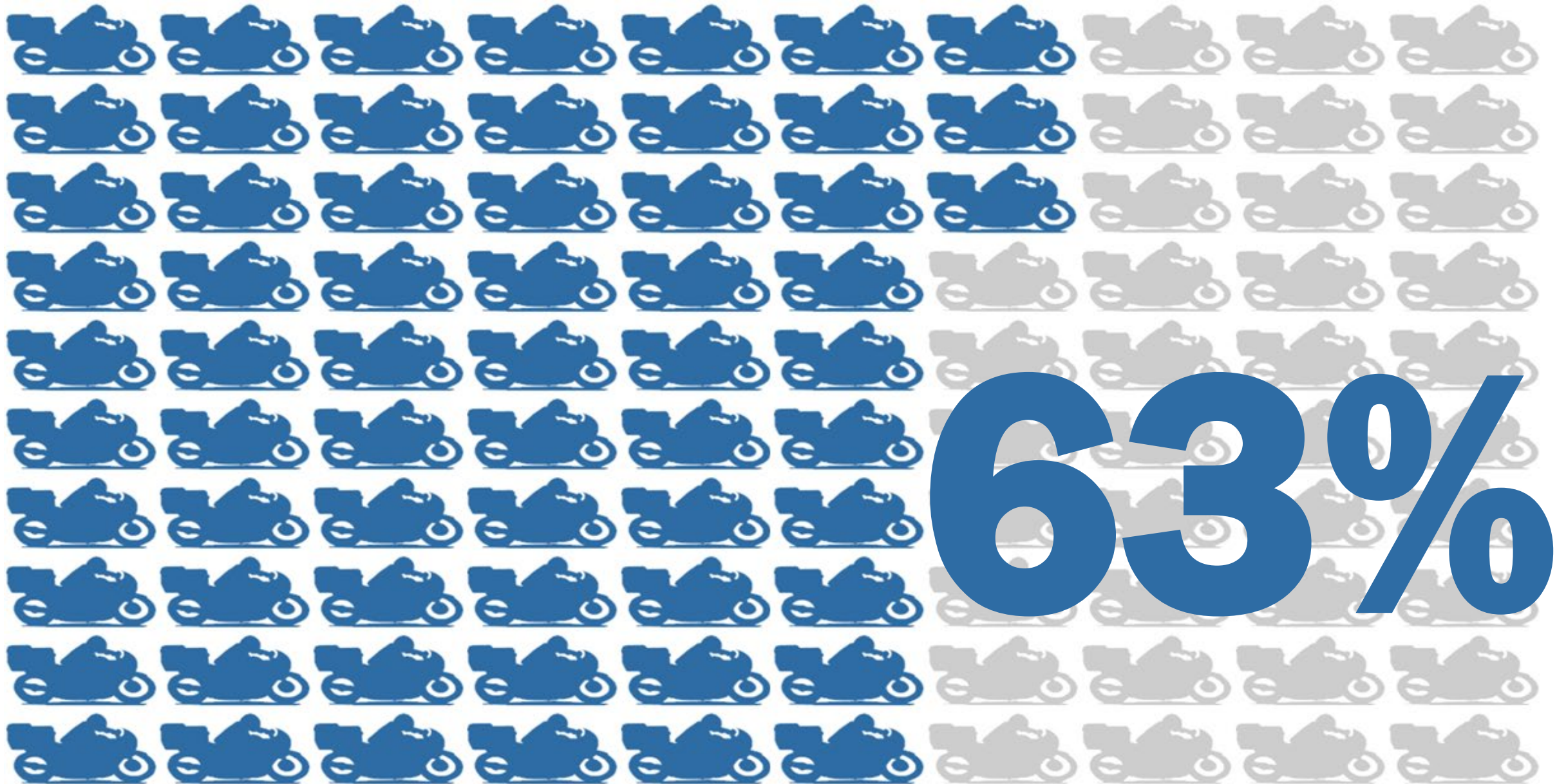Texas A&M Transportation Institute

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What's the Problem in Texas?

There were **501** motorcycle operator fatalities in 2021

318

were <u>unlicensed</u>
at the time
of the crash
in 2021

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63%

17% of drivers killed in crashes in TX were **unlicensed** in 2020

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What Can Help?

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Project Goal

To encourage more riders to complete motorcycle safety training and continue promoting a culture of rider safety in Texas.

TxDOT Project

- Interviews with States
- Data Analysis
- Focus Groups
- Survey
- Infographics

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2019-2021 Data Linkage

- TxDMV – Motorcycle registration
  - 339,076 – 2019
  - 367,312 – 2020
  - 341,507 – 2021

- TxDPS – Class M Driver License
  - 1,160,890 – 2019
  - 1,162,011 – 2020
  - 1,184,879 – 2021

The intent behind this data linkage was to identify registrations records that had no link to driver license records. The "unmatched" records.

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DPS Data Cleaning

- Address field split into street address number and street name
  - Street names would sometimes vary, but the numbers were usually accurate across both data bases
- All fields converted to lower case
- Spaces, hyphens, and other symbols were removed from name fields and city
- Family members with the same name & address were reduced to a single record due to linkage difficulty

DMV Data Cleaning

- Name was split into components (first, middle, last) to better match DPS data

- Names that were obviously out of order were re-ordered

- All fields were converted to lowercase

- Spaces, hyphens, and other symbols were removed from name fields and city

DMV Data Cleaning

Table 2: Elimination name and words in the TxDMV data.

Insurance	Dealers, Racing, Rentals	Other Agencies	Trusts	Other
Allstate	Auto	City	Family	American
Casualty	Auto sales	County	Irrevocable	Apple
Dairyland	Auto broker	DFW	Revocable	Bait
Farmers	Big boy	Fire	Trust	Caliente
Fred Loya	Cycle	Fleet	Trst	Capital
Geico	Cycles	Hospital		Cattle Co
Insurance	Champions for Life	Police		Company
Liberty	Ducati	Sheriffs		Concho Valley
Lone Star	Evolution	Texoma		DBA
Mutual	FCG	Transit		Quality
Nationwide	Gold Crowd			Contracting
Progressive	Gold Keg			Equipment
State Farm	Guardian of Harley-Davidson			Finance
	Longhorn			Financial
	Moto			Holdings

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Post Processing

2021 Data (from FY22)

- Final number of registration records after data cleaning 317,336
- Total number of matched records was 241,812
- Final number of unmatched records was 75,524

2020 Data (from FY21)

- Final number of unmatched records was 70,468

Send a postcard

FIND A MOTORCYCLE TRAINING COURSE NEAR YOU!

CHECK OUT:
HTTPS://WWW.TDLR.TEXAS.GOV/MOT/FIND-SCHOOLS.HTM

Center for Transportation Safety
Texas A&M Transportation Institute

3135 TAMU
College Station, TX 77843-3135

You can't control what other drivers do on the road, but you can control your riding knowledge and skill. Get trained and get licensed.

Last year, almost half the riders killed in motorcycle crashes in Texas were unlicensed. Whether you're new to riding or an experienced rider, there's a course for you to earn your motorcycle license.

Take control of your safety by taking a motorcycle training course near you at https://www.tdlr.texas.gov/mot/mot.htm.

For more information about this safety message, visit www.looklearnlive.org

FY2020/FY2021 Project Evaluation

- Severely limited with COVID

- Time frame of pulling data was less

- 3,371 postcard recipients from postcards sent in August of 2021 "matched" (meaning received license since 2020 mailout)

- 4,991 postcard recipients from postcards sent in August of 2020 "matched" (meaning received license since 2019 mailout)
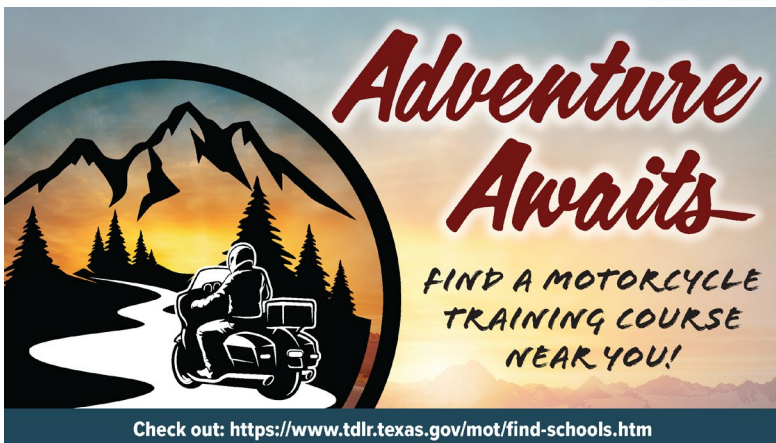
FY2022 Mailing Campaign

Thank you

TTI PROJECT TEAM

- Cody Stewart

- Crystal O'Rear

- Eva Ship

- Lingtao Wu

- Ashesh Pant

- Marcie Perez

- Stacey Schnettler

- Jack Wenzel

CONTINUOUS SUPPORT & FEEDBACK

- Mona Lisa Fischer, Motorcycle Safety Program Manager, TxDOT

- Texas Motorcycle Safety Coalition (TMSC)

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