

MOTOR CARRIER ATTACHMENT

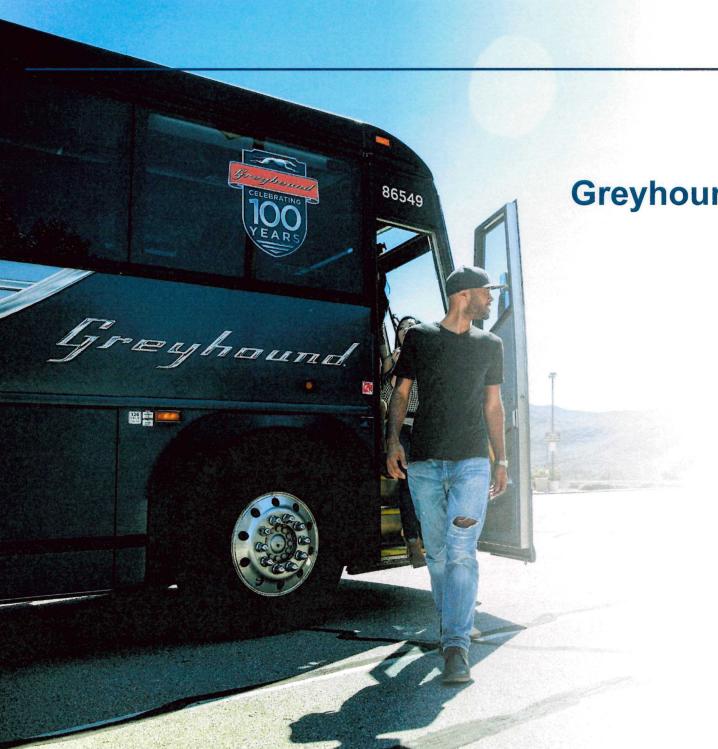
Greyhound Lytx Program Presentation

Highland, IL

HWY23MH015

(30 pages)





Greyhound Lytx Program Presentation

May 2022

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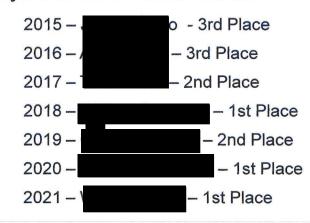


Lytx technology is an important tool in our safety program

Key Benefits

- Identifies risky driving behaviors and high-risk drivers
- Provides a platform for management coaching
- Allows positive recognition for the safest drivers

Our Lytx Safe Driver Award Winners



Program History

- Started our first pilot in 2011 to prove it worked
- Implemented company-wide in 2013-15
- Now installing new MV/AI technology to further improve performance

Claims costs decreased after implementation

Average Annual Claim Costs (US m's)



Based on claim analysis by Risk Management in 2018 (GLI US only)

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HISTORICAL FREQUENCY AND SEVERITY TREND

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Program Performance Since Inception of Program

Severity = Number of Risky Driving Points / # of Active ERs per Month Frequency = Number of Scored Events / # of Active ERs per Month



Frequency and Severity have improved by 75% and 74% from Mar'11-Jan'16 to Feb'16-Dec'20

(First 59 Months vs. Last Completed 59 Months)

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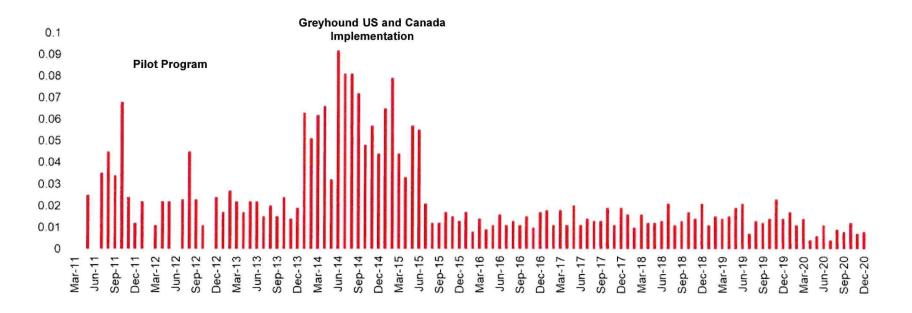


UNDERSTANDING COLLISION METRICS SINCE INCEPTION

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Collision Trend Since March 2011

Collisions per Active Bus in Program



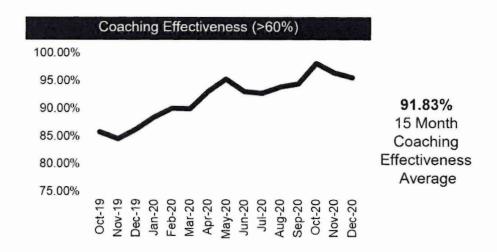
Includes both Preventable and Non-preventable collisions

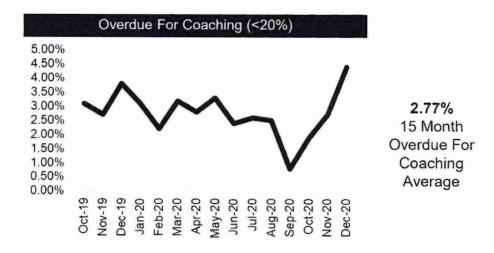
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Our keys to success

- Executive management buy-in and focus
 - Program review meetings
 - Monitoring performance indicators
 - Dedicate resource for program management
- Making coaching a priority for operations team
- Providing training for coaches
 - · How the system works
 - How to coach drivers
- Driver and Union communications
 - Videos, conference calls, and 1:1 meetings





Our periodic Lytx program reviews



During the review meetings, Lytx provides a great deal of insight into the data trends and makes recommendations on areas for improvement

LYTX EXECUTIVE SUMMARY



Highlights

- Ten years in to the DriveCam Program, Greyhound has successfully driven key reductions in risk and achieved high levels of operational efficiency.
- From a Risk perspective, the following trends have seen positive improvement in the last 15 months:
 - Frequency and Severity have improved by 70% and 71% from Oct-Dec '19 to Oct-Dec '20
 - Collisions have improved by 48% from Oct-Dec '19 to Oct-Dec '20
 - Near Collisions, which are great leading indicators for Collisions, have improved by 79% from Oct-Dec '19 to Oct-Dec '20
- From an Operational perspective, Greyhound has consistently achieved high averages for most Safety Dashboard KPI's. Across the last 15 months:
 - Coaching Effectiveness: 91.8% (compliance is >60%)
 - Overdue for Download: 1.64% (compliance is <10%)
 - Unidentified Drivers: 3.9% (compliance is <20%)
 - Overdue for Coaching: 2.77 (compliance is <20)
- Opportunities to mitigate increases in risky behaviors lie in the following:
 - Late Response: 49% increase in last 90 days, and a most prevalent behavior

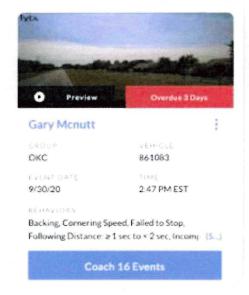
Focusing on the people (behavior change) drives the results

Incident Capture

- Device upload incidents every night
- Customizable list of behaviors and risk score ratings
- Reviewed by Lytx specialist
 - Eliminates false incidents
 - Ranked by risk score
- Posted to Lytx portal for coaching

Coaching

- Automated workflow for each manager
- Face to face coaching (preferred) or remote sessions
- 4 to 1 positive feedback



Monitoring

- Management Performance Indicators
 - Coaching effectiveness
 - Overdue for coaching or download
- Driver Performance Indicators
 - High interest drivers (typically 10% of drivers represent 80+% of the risk)
 - Speed monitoring programs
- Progressive discipline for drivers who don't change behaviors

Lytx technology enables it to happen (they are an industry leader)



In-cab Alerts with Coaching to Make a Greater Impact

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FASTER SAFETY IMPROVEMENT WITH LESS MANAGER EFFORT

Behavior Example: Handheld Device

Remind the Driver

In-cab behavior modification



Train the Driver

Post-trip review and self-coaching



Motivate the Driver

Manager coaching for riskiest drivers







DRIVER FOCUS



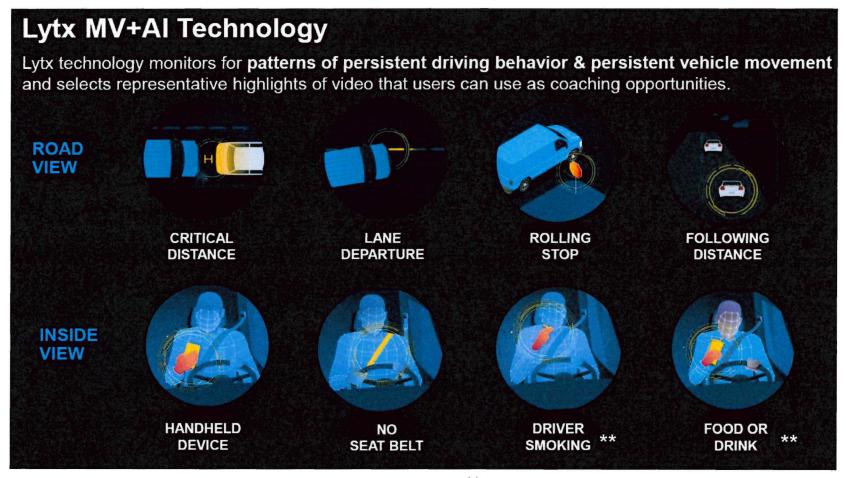
Top 20 Drivers With The Highest Event Scores During The Last 3 Months

Priver Name	Group Name	Apr-Jun	Jul-Sep	Oct-Dec	6МД	9MA	Coachable	Cell	DU	TV	FD	LR	NC	
	Boston Garage	15	0	19	-	·27%	6	0	0	6	0	1	0	
	Memphis	5	4	17	% -325%	·240%	6	0	2	1	2	1	1	
y	New York	0	0	17		-	4	0	0	1	0	1	1	
	Albany	21	4	16	· 300%	4 24%	10	0	3	2	2	4	1	
	Mobile	0	0	15			3	- 0	0	3	0	0	0	1
	Harlingen	9	8	14	·75%	-56%	10	0	5	1	0	2	3	
	Portland	0	3	14	-367%		5	1	0	2	0	1	0	
	Jacksonville	0	0	14			2	0	0	1	1	1	0	
	Dallas	3	0	13	-	1333%	5	0	2	1	0	0	1	
	Atlanta Garage	0	0 .	13	4		2	1	0	2	0	0	1	I
	Mobile	0	0	13		н .	2	0	0	1	0	0	1	
	Orlando	0	0	12	-	*	5	0	0	0	1	0	1	1
	Harlingen	0	0	12		-	3	0	1	0	0	1	111	
	Vendors	0	0	12		-	2	0	0	0	1	0	1_	I
	Colonial Trailways	- 0, care	23	11	₩ 52%	4	13	0	6	1	4	2	0	
	Port Angeles, WA	13	3	10	·233%	₩ 23%	6	0	0	5	0	0	0	I
	Chicago	4	0	10		r}-150%	3	0	0	2	1	0	0	
and the second	Chicago	0	0	10	2	-	3	1	0	1	0	0	1	
	Atlanta	0	0	10	-		1	0	0	1	0	0	1	
	Atlanta	0	3	9	-200%	1 -	2	2	0	0	0	1	1	

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The new SF300 technology provides greater insights



** We disabled these 2 behaviors in our coaches

- The combination of <u>machine vision and artificial intelligence</u> is powerful technology
- Provides dramatically increased opportunities to identify poor driving behaviour and change via coaching

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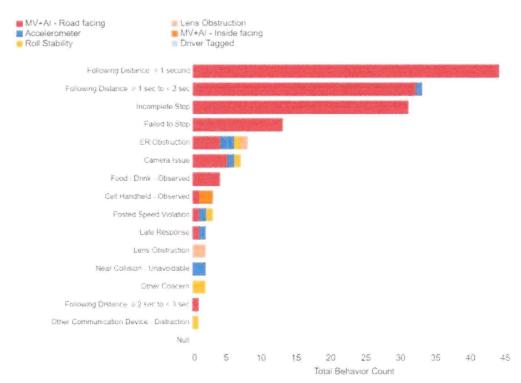


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MV/ Al produced the majority of events, behaviors, and prioritized coachable instances

5 Technologies + 10 Trigger Types captured Risk

% of Coachable Events by Techn MV+AI - Road facing Accelerometer Lens Obstruction Roll Stability MV+AI - Inside facing Null Driver Tagged	ology 90.7%
% of Coachable Events by Trigge	er
Critical Distance	35.0%
Rolling Stop	31.4%
Following Distance	23.6%
Staking	2.9%
Lens Obstruction	
Roll Stability	
Handheld Device	
Lane Departure	
Other	
Null	



49 Louis Listering To chour par & Proprietary

Driver Tagged No Seat Belt

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Strong improvement in Top behavioral risks

Total behaviors/ Active vehicles / week - October 18th 2020 - January 15th 2021

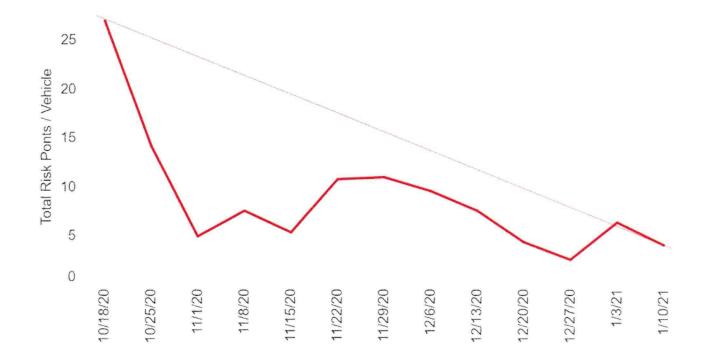


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Improve Key Metrics Related to Collision Mitigation: 75% improvement in Risk Score (1st 4 wks. vs. last 4 wks.)

October 18th 2020 - January 15th 2021



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Safe, long-time drivers are improving their habits after seeing the videos. In general, they are receptive to the system.

These 4 behaviors account for 75% of the incidents

Behavior	% of Total	Cum %
Following Distance: ≥ 1 sec to < 2 sec	32%	
Following Distance: < 1 second	16%	48%
Lens Obstruction	15%	63%
Incomplete Stop	12%	75%

Management Actions

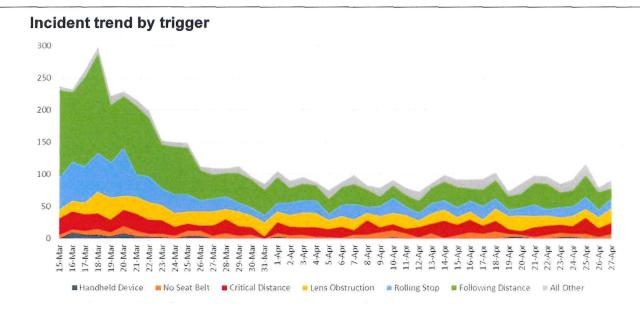
- Conducting 1:1 meetings and coaching session with drivers
 - Reviewing videos
 - Talks about how to improve
- Updating High Interest Driver lists
 - Scheduling refresher training
 - Monitoring list for improvement
- Sending out driver recognition awards for drivers with few (if any incidents)
 - Publishing names in our driver newsletter
 - Local on-site recognition events and touchpoints





Incident trends are down 65% over the first 3 weeks...

While the <u>number of</u> <u>buses has increased</u> <u>by ~55%</u>



Overall company risk score is down over 75%

3.00 2.50 2.00 1.50 1.00

Note:

New units are currently installed on ~85% of our fleet (~600 buses)

Risk Score per Bus

3.50

The Greyhound DriveCam Story PowerPoint presentation



<u>Greyhound And The DriveCam Story – Changing Behaviors</u>

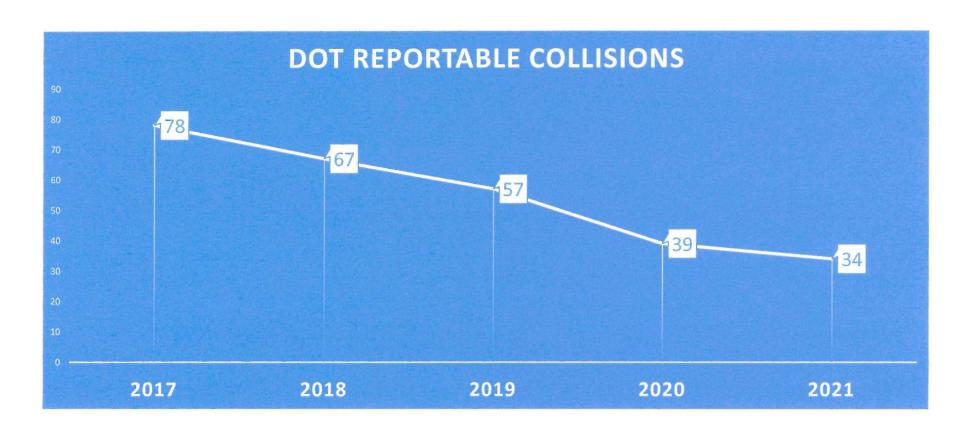
DriveCam has been a very valuable tool to our organization with this tool we are able to do the following:

- Capture negative behaviors that can result in an accident.
- Reviewing with the driver gives them the ability to tell their story and for them to have a better understand by seeing the behaviors.
- We use the video to coach and assign refresher training to make that driver a better driver or, if necessary, remove that driver from service.
- The system allows us to truly evaluate their performance and recognize those that avoid a non-preventable collision.
- In the past we evaluated drivers' performance on road checks, mystery riders, communication from passengers, 800-safe-bus, MVR's, and collisions.

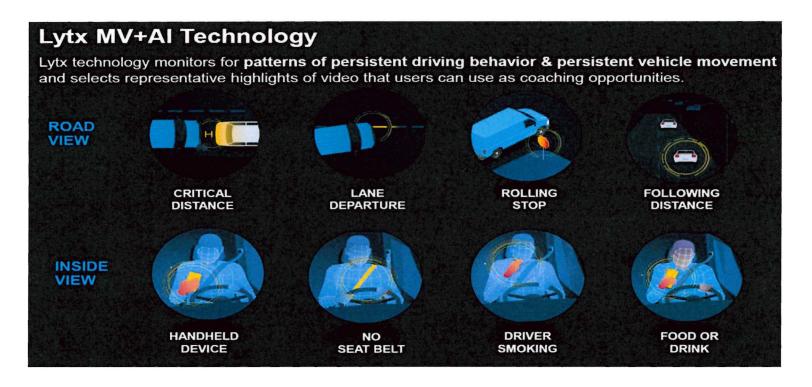
Prior to New Technology

- Risk Reduction (comprised of Frequency and Severity of Events per Vehicle), has seen 24% improvement Frequency and a 27% improvement in Severity over the past 15 months. Meaning coaching effectiveness is really fostering behavior change
- 48% Reduction in Collisions over the past year.
- Regions have decreased their overall Risk Score in the last 15 months by 11% on avg
- Following Distance have seen a 24% decrease from last year, during the same period Traffic Violations have decreased by 28%.

Five Year Summary of DOT Collisions



Improving on Safety -Through The Use Of Technology - 2022



- o The combination of *machine vision and artificial intelligence* is powerful technology
- Provides dramatically increased opportunities to identify poor driving behaviors and change behaviors through coaching

External Camera Triggers

This coach is equipped with new DriveCam unit (SF300)

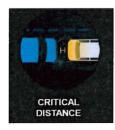
New state of the art system uses Artificial Intelligence and Machine Vision to assist drivers to avoid having a collision while improving your driving skills.

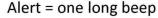
The system is constantly scanning for:

- Unsafe following distance
- Drowsy or fatigued driving
- Distractions
- Rolling Stops

Other features

- · Real time in cab alerts
- Up to 200 hours of video (inside or outside)
- · Live stream video





- Distance to vehicle in front is less than 0.6 seconds
- Minimum speed is 25 mph
- Brake has not been applied in the last 4 seconds
- Vehicle is not switching lanes



Alert = rumble strip sound

- · Tires touch the lane marker
- No turn signal activated
- Minimum speed is 40 mph



No Audible Alert (video only)

 Vehicle moving at 3 mph or greater through a stop sign



No Audible Alert (video only for pilot)

- Distance to vehicle in front is ~ 1.5 seconds
- Minimum speed is 25 mph
- Brake has not been applied in the last 4 seconds
- · Vehicle is not switching lanes



Helps detect and address DISTRACTED AND DROWSY DRIVING in real-time

COMPREHENSIVE COACHING

Real-time, in-vehicle visual and audio alerts

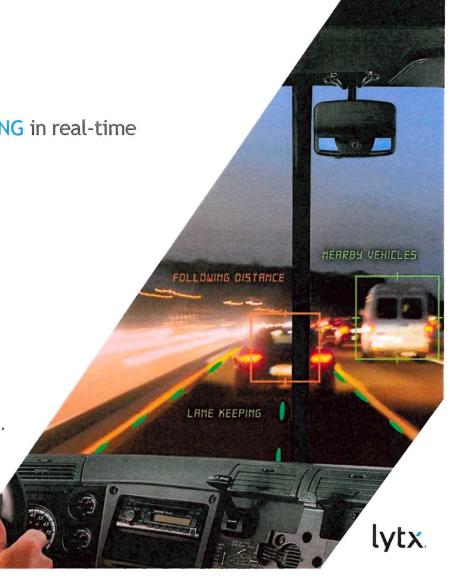
+ post-drive video coaching

PATTERN DETECTION

Helps clients detect behaviors that might go unnoticed.

CONTEXTUAL SAFETY

See how the driver is performing relative to their environment.



CONTEXTUAL SAFETY

 ActiveVision analyzes both driver behavior AND the road ahead to help you determine how safely the driver is performing relative to their surroundings.

 Audio alerts designed to provide "real-time" coaching:

- alert the driver to re-enforce their in person
- coaching
- · precede a driving pattern from developing
- Once a Driving Pattern has been detected by
- ActiveVision, it is designed to alert the driver
- alert the driver visually that a driving pattern has now been detected
- ActiveVision captures a video for additional in person coaching



PATTERN DETECTION

The ADDITIONAL DATA that ActiveVision identifies can help detect telltale signs of risky behaviors.

When these risky behaviors happen frequently, it can be a sign of distracted and drowsy driving:



LANE DEPARTURE



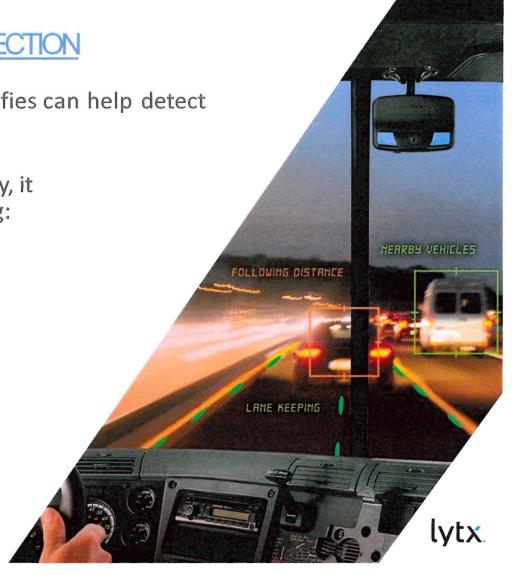
FOLLOWING DISTANCE



CRITICAL DISTANCE



FITNESS TO LANE



Identifying Driver Behaviors - Program Results

These 4 behaviors account for 75% of the incidents

Behavior	% of Total
Following Distance: ≥ 1 sec to < 2 sec	32%
Following Distance: < 1 second	16%
Lens Obstruction	15%
Incomplete Stop	12%

Early Program Results - New Hire Drivers

Risk Reduction in New Drivers

Coachable Events

Home Location	Name	Hired	Oct 22	<u>Nov 22</u>	<u>Dec 22</u>	<u>Jan 23</u>	<u>Feb 23</u>	<u>Mar 23</u>
Sacramento		2022	5	5	3	1	0	0
Los Angeles		2022	20	10	1	1	0	0
Las Vegas		2022	13	3	2	2	2	1



