

DRAFT

Colorado Road Usage Charge Pilot: Account Management Monthly Summary Report – December 2016

Prepared for



January 2017



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Acronyms and Abbreviations

CDOT	Colorado Department of Transportation
MPG	miles per gallon
MRD	mileage reporting device
OBD II	On-board Diagnostic
RUC	road usage charge
RUCPP	Road Usage Charge Pilot Program
VIN	vehicle identification number

1 Introduction

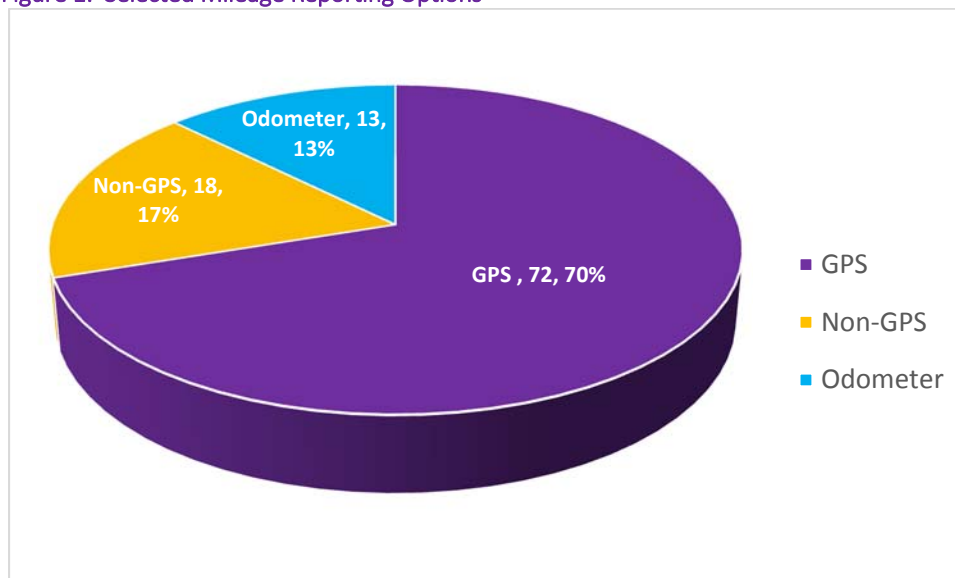
The Colorado Road Usage Charge Pilot Program (RUCPP) began on December 5, 2016 and is scheduled to last four months ending in April 2017. The Colorado RUCPP Account Manager, Azuga, provides monthly reports including the raw data collected for each month of the operational pilot. This report provides a summary of the monthly raw data, which the project team aggregates and removes all personally identifiable information (PII) to prepare a summary report for the Colorado Department of Transportation (CDOT). This December monthly report summarizes the data from the first month of the operational pilot beginning December 5, 2016 through December 31, 2016.

This report is subdivided into the four sections based on the raw data received from the Account Manager, Azuga, and the Colorado RUCPP Help Desk, CH2M. The individual reports containing the raw data are provided in the appendix.

- Vehicle Identification Number (VIN) Summary Report
- Mileage and Road Usage Charge Revenue Report
- Errors and Events Report
- Help Desk Report

Activities in the month of December primarily consisted of participant enrollment and stakeholder recruitment. The first set of invitations to enroll in the pilot were sent out on December 5th and a second wave of invitations were sent on December 17th. By December 31, 2016 103 participants enrolled in the operational pilot exceeding the targeted 100. Figure 1 shows the mileage reporting options selected by the 103 enrolled participants. With enrollment occurring throughout the month of December, and given the holidays, not all participants reported mileage data as they had not received or installed their devices in time. January will have the first complete set of data reported to Azuga.

Figure 1: Selected Mileage Reporting Options



Prior to the operational pilot enrollment, the pilot team first initiated a dual-phase soft launch with pilot team members and CDOT personnel to test enrollment, account set-up, account management, help desk, and invoicing systems and procedures during the month of November. Phase 1 of the Soft Launch (referred to as the User Acceptance Test) included participants from the pilot development team and a

few participants drawn from CDOT regional offices and phase 2 included participants from the CDOT Executive Management Team and the Regional Transportation Directors. An issues log was developed during soft launch to capture specific recommendations or issues from participants in both phases. This issues log resulted in system refinements and modifications to other processes in advance of the operational pilot launch as well as lessons learned and areas of improvement for this and subsequent RUCPP efforts. Participants in the soft launch were given the opportunity to continue through the four-month operational pilot if desired. **The data in this summary report also includes data from all soft launch participants that opted to continue through the operational pilot in addition to the 103 participants including stakeholders and general public.**

The following section provides a summary of the December data included in the four monthly reports.

2 Summary of Monthly Reports

2.1 VIN Summary Report

Table 1 summarizes the total enrollment statistics based on the Account and VIN Update Report. Since, this report contains PII, the raw data is not provided as an appendix to this report. In December there were **104** vehicles added, and **3** vehicles removed, resulting in **141** vehicles remaining in the study. It is important to note this includes total vehicles, not participants, as some participants have more than one vehicle enrolled in the pilot.

Table 1: Account and VIN Summary

Reporting Period	Added Vehicles	Dropped Vehicles	Enrolled Vehicles	Vehicles Reporting Mileage
November (Soft Launch)	40	--	40	39
December 2016	104	3	101	125
January 2017	--	--	--	--
February 2017	--	--	--	--
March 2017	--	--	--	--
April 2017	--	--	--	--
Cumulative Total	144	3	141	--

The three vehicles that dropped out of the program were involved in the testing phase of the soft launch and opted not to continue participation through the operational pilot. These were not recruited operational pilot participants. Of the 141 vehicles enrolled in the pilot, 125 were reporting mileage in December. The remaining 16 either haven't received or installed their MRD or didn't report their odometer reading.

For the odometer reading option, Azuga's VIN Summary report also provides information on which participant accounts did not submit odometer readings. Table 2 provides a summary of the number of Odometer Reading Option accounts and the number of people who did not submit monthly odometer readings in December.

Table 2: Odometer Reading Option Summary

Month	Number of Accounts	DID NOT Submitted monthly odometer reading	Submitted picture of initial odometer reading*
December	22	4	8
Cumulative Totals	22	4	8

* Picture verification is only required for the initial and final odometer readings during the Colorado RUCPP and can be submitted via the Azuga Insight Mobile App, the Colorado RUCPP Help Desk, or via mail to CDOT.

2.2 Mileage and Road Charge Revenue Report

Table 3 summarizes total vehicle miles traveled including both chargeable and non-chargeable miles, road usage charges, fuel tax credits, and net revenue for the month of December. For the Colorado RUCPP, all miles driven in the state of Colorado are assessed the road usage charge (RUC). For

participants who selected the GPS-Enabled mileage reporting device (MRD) option, the RUC is only based on miles driven in Colorado, any out-of-state miles are not included in the RUC.

Table 3: Mileage and Road Charge Revenue Summary

Location (State)	Miles	Road Usage Charges	Fuel Tax Credits	Net Revenue
December Chargeable Miles				
Colorado	58,322	\$ 699.86	\$ -606.40	\$ 93.46
<i>Odometer</i>	9,542	\$ 114.51	\$ -104.70	\$ 9.80
<i>Non-GPS</i>	11,722	\$ 140.66	\$ -117.35	\$ 23.32
<i>GPS</i>	37,058	\$ 444.69	\$ -384.35	\$ 60.34
December Non-Chargeable (Out-of-State)				
Kansas	1,097	\$ -	\$ -	\$ -
Missouri	15	\$ -	\$ -	\$ -
New Mexico	59	\$ -	\$ -	\$ -
Utah	894	\$ -	\$ -	\$ -
Totals				
December	60,387	\$ 699.86	\$ -606.40	\$ 93.46
Cumulative Total	60,387	\$ 699.86	\$ -606.40	\$ 93.46

2.3 Errors and Events Report

Table 4 summarizes aggregate errors and events for Azuga. The data in this table reflect errors and events related to the two mileage reporting options requiring MRDs, the GPS Enabled and Non-GPS Enabled MRD options. During the month of December, the only type of error/event reported by pilot participants was the number of disconnects/reconnects. Most of these were related to the initial installation of the MRD. This error occurs when there is a lapse in the connection of the OBD-II device, however all miles driven the date of the error event were still collected, no mileage was lost.

Table 4: Errors and Events Summary

Error Event Date	Number of Disconnects/Reconnects*
Previous Months	
--	--
Current Month (December)	
12/10/2016	2
12/13/2016	2
12/16/2016	2
12/24/2016	2
12/28/2016	2
12/30/2016	4

Error Event Date	Number of Disconnects/Reconnects*
12/31/2016	2
December Total	16
Cumulative Totals	
Cumulative Total	16

*This error occurs when there is a lapse in the connection of the OBD-II device, however all miles driven the date of the error event were still collected, no mileage was lost.

2.4 Help Desk Report

During the pilot, CH2M is providing “Tier 1” support on behalf of CDOT and “Tier 2” support is provided by Account Manager Azuga.

Help Desk activities included answering calls and responding to emails from pilot participants and individuals seeking information or showing interest in the pilot. Help Desk Support inquiries focused on the following types of issues:

- Enrollment Issues
- MRD (Mileage Reporting Device) Issues
- Account Issues
- Recruitment Screener Issue
- Mobile App Issue
- Pilot information Request/other

2.4.1 Help Desk Log

As part of the operational support effort, the CH2M Help Desk staff maintains a log of all support requests received including the date, time, issue, actions taken, and resolution. Help Desk Log entries also include information about the participant such as their selected mileage reporting option, how they contacted the help desk, and their contact information. CDOT is handling all calls and emails that come through the general CDOT help line regarding the RUC program.

In December there were a total of 44 support requests to the help desk, 16 via email and 28 via phone. Of the 44 support requests 10 required Tier 2 escalation to Azuga to resolve the issue, with 7 of the 10 related to an activation code system error. Table 5 summarizes the types of issues that were logged by the help desk either by phone (**64%**) or by email (**36%**) in the month of December.

Table 5: Help Desk Summary

Week	Enrollment Issues	MRD Issues	Account Issues	Recruitment Screener Issues	Mobile App Issues	Other Issues	Total Emails	Total Calls
Previous Months								
--	--	--	--	--	--	--	--	--
Current Month								
12/1/2016	0	0	0	0	0	0	0	0
12/4/2016	3	1	0	0	0	0	0	4
12/11/2016	7	3	3	0	0	3	10	6
12/18/2016	5	1	3	0	0	3	5	4

Week	Enrollment Issues	MRD Issues	Account Issues	Recruitment Screener Issues	Mobile App Issues	Other Issues	Total Emails	Total Calls
12/25/2016	2	2	1	0	0	0	1	4
December Total	17	7	7	0	0	6	16	18
Cumulative Totals								
Cumulative Total	17	7	7	0	0	0	16	28

Appendix A
December Raw Data Reports

VIN Summary Report

**Colorado RUCPP
December VIN Summary Report**

vin	vin	fuelUse			taxable	nonTaxable	revenue	fuel	taxable	nonTaxable	fuelTax	balance		
	Status	certid	ruleid	Method									mileage (E)	Mileage (F)
	(A)	(B)	(C)	(D)										
19XFA16549E048959	3	6090862178	5	0	2	7.5186	7.5186	0	0.0903	0.2113	0.2113	0	-0.0464	0.0438
19XFA16549E048959	3	6090862178	5	8	2	557.0592	557.0592	0	6.6847	14.5503	14.5503	0	-3.201	3.4836
1B7GG22Y5XS218667	3	9	9	8	2	219	219	0	2.628	16.8462	16.8462	0	-3.7062	-1.0782
1C4BJWFG7FL515274	3	6090862047	5	0	2	9.0099	9.0099	0	0.1081	0.5005	0.5005	0	-0.1101	-0.002
1C4BJWFG7FL515274	3	6090862047	5	8	2	55.737	55.737	0	0.6689	3.0965	3.0965	0	-0.6812	-0.0124
1C4RJFBT3FC948298	3	6042262014	4	0	2	95.0698	95.0698	0	1.1408	5.0035	5.0035	0	-1.1009	0.04
1C4RJFCG4FC725513	3	6090861174	5	0	2	192.6251	192.6251	0	2.3116	10.1382	10.1382	0	-2.2304	0.0812
1C4RJFCG4FC725513	3	6090861174	5	8	2	62.1991	62.1991	0	0.7465	3.2737	3.2737	0	-0.7202	0.0262
1D4GP24323B288576	3	6090861231	5	0	2	0.1864	0.1864	0	0.0022	0.0093	0.0093	0	-0.0021	0.0002
1D4GP24323B288576	3	6090861231	5	8	2	48.6533	48.6533	0	0.5838	2.4327	2.4327	0	-0.5352	0.0486
1FMCU59H08KE28573	3	6090862130	5	0	2	1.3048	1.3048	0	0.0156	0.0813	0.0813	0	-0.0179	-0.0022
1FMCU59H08KE28573	3	6090862130	5	8	2	171.2498	171.2498	0	2.055	6.4458	6.4458	0	-1.4182	0.6368
1FMHK8F8XCGA68175	3	6042262142	4	0	2	366.9817	366.9817	0	4.4036	16.9061	16.9061	0	-3.7194	0.6847
1FMZU73E72ZA40310	3	9	9	8	3	0	0	0	0	0	0	0	0	0
1FTFX1R67DFD26514	3	6090861020	5	0	2	32.8705	32.8705	0	0.3944	2.2037	2.2037	0	-0.4849	-0.0904
1FTFX1R67DFD26514	3	6090861020	5	8	2	158.139	158.139	0	1.8977	10.5459	10.5459	0	-2.3201	-0.4224
1FTPX14V69FA26313	3	9	9	8	3	714	714	0	8.568	47.6	47.6	0	-10.472	-1.904
1G1RD6E41EU167731	3	6090863027	5	0	2	29.1424	29.1424	0	0.3498	0.2939	0.2939	0	-0.0646	0.2849
1G1RD6E41EU167731	3	6090863027	5	8	2	133.8434	133.8434	0	1.6061	1.342	1.342	0	-0.295	1.3109
1G1ZF57579F225586	3	6081663317	5	0	2	0	0	0	0	0	0	0	0	0
1GCHK23103F114627	3	6082963442	5	0	2	7.5184	7.5184	0	0.0903	1.5143	1.5143	0	-0.3333	-0.2432
1GCHK23103F114627	3	6082963442	5	8	2	927.5672	927.5672	0	11.1309	178.9645	178.9645	0	-39.3721	-28.2414
1GCHK23103F114627	3	6082963442	5	35	2	58.7972	0	58.7972	0	10.0268	0	10.0268	0	0
1GKKNULS2HZ137306	3	6090861167	5	0	2	11.9302	11.9302	0	0.1432	0.5733	0.5733	0	-0.1262	0.017
1GKKNULS2HZ137306	3	6090861167	5	8	2	609.003	609.003	0	7.3081	25.6145	25.6145	0	-5.6353	1.6729
1GKKNULS2HZ137306	3	6090861167	5	20	2	1096.8182	0	1096.8182	0	47.103	0	47.103	0	0
1GKKNULS2HZ137306	3	6090861167	5	29	2	15.3149	0	15.3149	0	0.6596	0	0.6596	0	0
1GKKVRKD6EJ287770	3	6081663294	5	0	2	7.7671	7.7671	0	0.0933	0.4153	0.4153	0	-0.0913	0.0019
1GKKVRKD6EJ287770	3	6081663294	5	8	2	402.2758	402.2758	0	4.8273	22.8251	22.8251	0	-5.0216	-0.1943
1GNDT13S682169958	3	6090862209	5	0	2	0.2485	0.2485	0	0.003	0.0188	0.0188	0	-0.0041	-0.0012
1GNDT13S682169958	3	6090862209	5	8	2	13.0488	13.0488	0	0.1566	1.1496	1.1496	0	-0.2529	-0.0964
1GNEK13T11183391	3	6090861168	5	0	2	6.0272	6.0272	0	0.0722	0.4223	0.4223	0	-0.0929	-0.0207
1GNEK13T11183391	3	6090861168	5	8	2	768.6363	768.6363	0	9.2236	43.021	43.021	0	-9.4648	-0.241
1GTD19X438271750	3	9	9	8	3	381	381	0	4.572	27.2143	27.2143	0	-5.9871	-1.4151
1HGCM66824A057173	3	6090862190	5	0	2	0.6213	0.6213	0	0.0075	0.0282	0.0282	0	-0.0062	0.0012
1HGCM66824A057173	3	6090862190	5	8	2	65.4924	65.4924	0	0.786	2.9769	2.9769	0	-0.655	0.131
1HGCP26749A099102	3	9	9	8	3	786	786	0	9.432	32.75	32.75	0	-7.205	2.227
1HGCR6F78FA012671	3	6090861206	5	0	2	26.2839	26.2839	0	0.3154	0.6432	0.6432	0	-0.1415	0.1739
1HGCR6F78FA012671	3	6090861206	5	8	2	264.2692	264.2692	0	3.1712	5.4281	5.4281	0	-1.1942	1.9769

**Colorado RUCPP
December VIN Summary Report**

vin	vin Status	certid	ruleid	fuelUse Method	taxable	nonTaxable	revenue	fuel	taxable	nonTaxable	fuelTax	balance		
vin	(A)	(B)	(C)	(D)	Mileage (E)	Mileage (F)	Mileage (G)	(H)	Usage	FuelUsage	FuelUsage	Credit (I)	(J)	
1HGFA16837L074050	3	6042262193	4	0	2	74.6267	74.6267	0	0.8955	2.7205	2.7205	0	-0.5985	0.297
1HGFA168X6L129737	3	6090862092	5	0	2	0.9319	0.9319	0	0.0112	0.0327	0.0327	0	-0.0072	0.004
1HGFA168X6L129737	3	6090862092	5	8	2	501.9436	501.9436	0	6.0234	15.8549	15.8549	0	-3.4881	2.5353
1J4AA2D12BL504092	3	6042262192	4	0	2	764.908	764.908	0	9.1787	47.8068	47.8068	0	-10.5175	-1.3385
1J4FY29P7VP447061	3	6042162401	4	0	2	98.7979	98.7979	0	1.1856	5.4889	5.4889	0	-1.2076	-0.0219
1J4PN2GK8AW101752	3	6090861208	5	0	2	8.5128	8.5128	0	0.1021	0.5008	0.5008	0	-0.1102	-0.0079
1J4PN2GK8AW101752	3	6090861208	5	8	2	234.9406	234.9406	0	2.8192	13.8201	13.8201	0	-3.0404	-0.2212
1J4PR4GK4AC139898	3	6090862176	5	0	2	14.9129	14.9129	0	0.1791	0.8772	0.8772	0	-0.1929	-0.0141
1J4PR4GK4AC139898	3	6090862176	5	8	2	615.8412	615.8412	0	7.3901	36.2259	36.2259	0	-7.9697	-0.5795
1N4AZOCP6FC305177	3	6090862072	5	0	1	0	0	0	0	0	0	0	0	0
1N4BL2EP8AC193845	3	6042262248	4	0	2	236.4317	236.4317	0	2.8372	8.1771	8.1771	0	-1.799	1.0383
1N6ED27Y6YC352296	3	9	9	8	3	58	58	0	0.696	3.625	3.625	0	-0.7975	-0.1015
1N6ED29Y72C360895	3	9	9	8	3	828	828	0	9.936	55.2	55.2	0	-12.144	-2.208
1VWAS7A33FC080351	3	6090862239	5	0	2	5.7167	5.7167	0	0.0687	0.2042	0.2042	0	-0.0449	0.0238
1VWAS7A33FC080351	3	6090862239	5	8	2	367.0439	367.0439	0	4.4045	13.1087	13.1087	0	-2.8838	1.5207
1VWCT7A33HC020059	3	6090861216	5	0	2	3.5418	3.5418	0	0.0426	0.1311	0.1311	0	-0.0288	0.0136
1VWCT7A33HC020059	3	6090861216	5	8	2	104.6389	104.6389	0	1.2557	3.8755	3.8755	0	-0.8525	0.403
2C4RC1BG6DR674647	3	6042263222	4	0	2	746.4532	746.4532	0	8.9574	37.3226	37.3226	0	-8.2111	0.7464
2CNALPEWXA6224608	3	9	9	8	3	416	416	0	4.992	16	16	0	-3.52	1.472
2HGEH2358PH535120	3	9	9	8	3	0	0	0	0	0	0	0	0	0
2HNYD18211H313574	3	6090862223	5	0	2	0.1864	0.1864	0	0.0022	0.011	0.011	0	-0.0024	-0.0002
2HNYD18211H313574	3	6090862223	5	8	2	67.3566	67.3566	0	0.8083	3.9622	3.9622	0	-0.8717	-0.0634
2LMHJ5AT6CBL51648	3	6090861204	5	0	2	30.6957	30.6957	0	0.3684	1.7053	1.7053	0	-0.375	-0.0069
2LMHJ5AT6CBL51648	3	6090861204	5	8	2	4456.2256	4456.2256	0	53.4748	247.5681	247.5681	0	-54.4649	-0.9902
2T2BGMCA0GC004044	3	6090862198	5	0	2	46.9134	46.9134	0	0.563	1.6156	1.6156	0	-0.3554	0.2076
2T2BGMCA0GC004044	3	6090862198	5	8	2	84.693	84.693	0	1.0163	2.9383	2.9383	0	-0.6463	0.3698
3C3CFDR2DT733879	3	6090861102	5	0	2	1.2427	1.2427	0	0.0149	0.0366	0.0366	0	-0.008	0.0069
3C3CFDR2DT733879	3	6090861102	5	8	2	1213.6621	1213.6621	0	14.5638	35.6959	35.6959	0	-7.8531	6.7108
3C4FY58B65T567216	3	9	9	8	3	73	73	0	0.876	3.3182	3.3182	0	-0.73	0.146
3GCUKSEC1GG208937	3	6090861249	5	0	2	4.2875	4.2875	0	0.0514	0.2959	0.2959	0	-0.0651	-0.0136
3GCUKSEC1GG208937	3	6090861249	5	8	2	6.8351	6.8351	0	0.082	0.4993	0.4993	0	-0.1098	-0.0278
3GTU2UEC3FG392157	3	6081761271	5	0	2	19.1382	19.1382	0	0.2297	1.0859	1.0859	0	-0.239	-0.0093
3GTU2UEC3FG392157	3	6081761271	5	8	2	817.7246	817.7246	0	9.8127	49.078	49.078	0	-10.7972	-0.9845
3LN6L2JK1GR609388	3	6090861096	5	0	2	59.2786	59.2786	0	0.7114	2.9848	2.9848	0	-0.657	0.0546
3LN6L2JK1GR609388	3	6090861096	5	8	2	647.4067	647.4067	0	7.7689	30.8352	30.8352	0	-6.7838	0.9851
3VW637AJ6DM228988	3	6090861203	5	0	2	9.8798	9.8798	0	0.1186	0.3952	0.3952	0	-0.0869	0.0316
3VW637AJ6DM228988	3	6090861203	5	8	2	20.5674	20.5674	0	0.2469	0.8227	0.8227	0	-0.1809	0.0658
3VWRT71KX6M764089	4	6090861213	5	0	2	3.604	3.604	0	0.0432	0.1275	0.1275	0	-0.0281	0.0152
3VWRT71KX6M764089	4	6090861213	5	8	2	31.5035	31.5035	0	0.378	1.1283	1.1283	0	-0.2482	0.1298

**Colorado RUCPP
December VIN Summary Report**

vin	vin	fuelUse			taxable	nonTaxable	revenue	fuel	taxable	nonTaxable	fuelTax	balance		
	Status	certid	ruleid	Method									mileage (E)	Mileage (F)
	(A)	mrddid	(B)	(C)	(D)									
4S3BMBF63E3018924	3	9	9	8	3	119	119	0	1.428	4.4074	4.4074	0	-0.9696	0.4584
4S4BP62C977342056	3	6090862132	5	0	2	28.9558	28.9558	0	0.3474	1.1366	1.1366	0	-0.2502	0.0974
4S4BP62C977342056	3	6090862132	5	8	2	237.9229	237.9229	0	2.8551	8.5952	8.5952	0	-1.8909	0.9642
4S4BP63C886309085	3	6090861069	5	0	2	70.7741	70.7741	0	0.8493	3.4612	3.4612	0	-0.7616	0.0878
4S4BP63C886309085	3	6090861069	5	8	2	103.5369	103.5369	0	1.2425	4.9163	4.9163	0	-1.0816	0.1609
4S4BP63C886309085	3	6090861069	5	49	2	893.5153	0	893.5153	0	38.9987	0	38.9987	0	0
4S4BRBCC2B3417584	3	9	9	8	3	0	0	0	0	0	0	0	0	0
4S4BSBCC5F3248610	3	6090861022	5	0	2	34.1755	34.1755	0	0.4103	1.4605	1.4605	0	-0.3212	0.0887
4S4BSBCC5F3248610	3	6090861022	5	8	2	691.0889	691.0889	0	8.2933	23.1629	23.1629	0	-5.0957	3.1972
4S4BSBHC6F3297727	3	9	9	8	3	109	109	0	1.308	3.8929	3.8929	0	-0.8564	0.4516
4T1BB46K67U017676	3	6090861186	5	0	2	0	0	0	0	0	0	0	0	0
4T1BB46K67U017676	3	6090861186	5	8	2	113.2138	113.2138	0	1.3586	3.406	3.406	0	-0.7493	0.6093
4T1BB46K69U078299	3	6082963451	5	0	2	0.6835	0.6835	0	0.0082	0.0165	0.0165	0	-0.0036	0.0045
4T1BB46K69U078299	3	6082963451	5	8	2	1158.2359	1158.2359	0	13.8989	29.4579	29.4579	0	-6.4807	7.4181
4T1BF1FK4FU485066	3	6090861157	5	0	2	7.5808	7.5808	0	0.0911	0.2829	0.2829	0	-0.0621	0.0288
4T1BF1FK4FU485066	3	6090861157	5	8	2	446.1446	446.1446	0	5.3538	17.1516	17.1516	0	-3.7734	1.5802
4TAWM72N7XZ404821	3	6090861217	5	0	2	17.4605	17.4605	0	0.2095	0.8449	0.8449	0	-0.1859	0.0238
4TAWM72N7XZ404821	3	6090861217	5	8	2	249.1698	249.1698	0	2.9901	11.6555	11.6555	0	-2.5642	0.4258
55SWF4KB2GU111108	3	6082963431	5	0	2	27.2161	27.2161	0	0.3268	1.0078	1.0078	0	-0.2218	0.1049
55SWF4KB2GU111108	3	6082963431	5	8	2	866.6263	866.6263	0	10.3995	32.0974	32.0974	0	-7.0614	3.338
5FNRL3H23AB008697	3	6042262196	4	0	2	389.4755	389.4755	0	4.6737	17.5549	17.5549	0	-3.862	0.8116
5FNYP18527B015019	3	6081663318	5	0	2	0	0	0	0	0	0	0	0	0
5FNYP4H41DB059629	3	9	9	8	3	3196	3196	0	38.352	159.8	159.8	0	-35.156	3.196
5FPYK1F62EB006588	3	6090862154	5	0	2	7.767	7.767	0	0.0932	0.3075	0.3075	0	-0.0676	0.0255
5FPYK1F62EB006588	3	6090862154	5	8	2	842.5172	842.5172	0	10.1102	40.2627	40.2627	0	-8.8578	1.2524
5J8TB1H5XBA007744	3	6082963372	5	0	2	0.3728	0.3728	0	0.0044	0.018	0.018	0	-0.004	0.0005
5J8TB1H5XBA007744	3	6082963372	5	8	2	716.1304	716.1304	0	8.5935	39.4985	39.4985	0	-8.6895	-0.096
5J8TB4H35EL020281	3	6100362037	5	0	2	0.5592	0.5592	0	0.0067	0.0472	0.0472	0	-0.0104	-0.0037
5J8TB4H35EL020281	3	6100362037	5	8	2	8.4506	8.4506	0	0.1014	0.4922	0.4922	0	-0.1083	-0.0069
5N1ANONWXEN805786	3	6090861213	5	8	2	597.8832	597.8832	0	7.1747	27.51	27.51	0	-6.0522	1.1224
5N1ANONW0BC521008	3	6090862040	5	0	2	0.4971	0.4971	0	0.006	0.025	0.025	0	-0.0055	0.0004
5N1ANONW0BC521008	3	6090862040	5	8	2	162.6128	162.6128	0	1.9513	8.1438	8.1438	0	-1.7917	0.1598
5N1AT2MVXEC867100	3	9	9	8	3	758	758	0	9.096	27.0714	27.0714	0	-5.9557	3.1403
5NMSGDAB3AH366354	3	6090862031	5	8	2	693.6366	693.6366	0	8.3238	30.1582	30.1582	0	-6.6348	1.6889
5NPDH4AE5CH063887	3	6090862111	5	0	2	14.0428	14.0428	0	0.1684	0.4387	0.4387	0	-0.0965	0.0719
5NPDH4AE5CH063887	3	6090862111	5	8	2	375.4326	375.4326	0	4.5051	11.7324	11.7324	0	-2.5811	1.924
5NPE34AF2FH160187	3	9	9	8	3	512	512	0	6.144	18.2857	18.2857	0	-4.0229	2.1211
5TDBT44A24S230197	3	6042262053	4	0	2	680.712	680.712	0	8.1686	40.5407	40.5407	0	-8.919	-0.7504
5TDDK3EH9DS272366	3	6042263213	4	0	2	262.0323	262.0323	0	3.1444	12.1322	12.1322	0	-2.669	0.4752

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vin	vin		fuelUse			taxable	nonTaxable	revenue	fuel	taxable	nonTaxable	fuelTax	balance	
	Status	certid	ruleid	Method	mileage (E)									Mileage (F)
vin	(A)	mrdid	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	
5TDJKRFH7ES067389	3	6081762198	5	0	2	8.0778	8.0778	0	0.0969	0.3836	0.3836	0	-0.0844	0.0124
5TDJKRFH7ES067389	3	6081762198	5	8	2	1641.6005	1641.6005	0	19.6992	69.7951	69.7951	0	-15.355	4.3442
5TELU42NX9Z633829	3	6090862143	5	0	2	86.2463	86.2463	0	1.035	4.4512	4.4512	0	-0.9792	0.0556
5TELU42NX9Z633829	3	6090862143	5	8	2	907.1399	907.1399	0	10.8857	40.4794	40.4794	0	-8.9055	1.9802
5TFUU4EN1BX008667	3	6042262174	4	0	2	771.2459	771.2459	0	9.255	46.4131	46.4131	0	-10.2111	-0.9561
5TFUW5F10DX297801	3	6081663292	5	0	2	0	0	0	0	0	0	0	0	0
5TFUW5F10DX297801	3	6081663292	5	8	2	315.408	315.408	0	3.7849	21.2502	21.2502	0	-4.675	-0.8902
5XYKW4A21BG164580	3	6082963443	5	0	2	2.5474	2.5474	0	0.0304	0.1158	0.1158	0	-0.0255	0.0051
5XYKW4A21BG164580	3	6082963443	5	8	2	895.893	895.893	0	10.7508	40.7222	40.7222	0	-8.9589	1.7915
5XYPHDA17GG005822	3	6090861224	5	0	2	8.3885	8.3885	0	0.1005	0.3814	0.3814	0	-0.084	0.0169
5XYPHDA17GG005822	3	6090861224	5	8	2	478.0208	478.0208	0	5.7364	21.7281	21.7281	0	-4.7803	0.9559
5XYZK DAG0BG002171	3	6081663293	5	0	2	0	0	0	0	0	0	0	0	0
5XYZK DAG0BG002171	3	6081663293	5	8	2	673.9392	673.9392	0	8.087	30.6335	30.6335	0	-6.7393	1.3478
JF1GD61667H523436	3	9	9	8	3	163	163	0	1.956	7.4091	7.4091	0	-1.63	0.326
JF1GE60699H508432	3	6090861103	5	0	2	2.9826	2.9826	0	0.0358	0.1654	0.1654	0	-0.0364	-0.0007
JF1GE60699H508432	3	6090861103	5	8	2	423.7752	423.7752	0	5.0854	16.5021	16.5021	0	-3.6305	1.4549
JF1GE61608G518849	3	9	9	8	3	583	583	0	6.996	26.5	26.5	0	-5.83	1.166
JF1GE6B66BH507015	3	6042263225	4	0	2	0	0	0	0	0	0	0	0	0
JF1SG65653H769027	3	6042262189	4	0	2	175.6617	175.6617	0	2.108	5.9669	5.9669	0	-1.3128	0.7953
JF1SG656X5H709277	3	6090862010	5	0	2	6.5865	6.5865	0	0.079	0.21	0.21	0	-0.0461	0.0327
JF1SG656X5H709277	3	6090862010	5	8	2	261.6595	261.6595	0	3.1401	9.8551	9.8551	0	-2.168	0.9718
JF1SG656X5H730713	3	6042263250	4	0	2	269.1158	269.1158	0	3.2294	10.5298	10.5298	0	-2.3165	0.9127
JF2GPAKC7E8223055	3	6090861223	5	0	2	9.072	9.072	0	0.1088	0.419	0.419	0	-0.0921	0.0167
JF2GPAKC7E8223055	3	6090861223	5	8	2	153.6651	153.6651	0	1.844	6.0917	6.0917	0	-1.3402	0.5039
JH4CU2F60CC007217	3	6081663290	5	0	2	0	0	0	0	0	0	0	0	0
JH4DC4340SS001220	3	9	9	8	3	500	500	0	6	20	20	0	-4.4	1.6
JHLRD18641C022824	3	9	9	8	3	116	116	0	1.392	5.5238	5.5238	0	-1.2152	0.1768
JHLRD774X2C072339	3	6090862115	5	0	2	36.9095	36.9095	0	0.4429	1.7576	1.7576	0	-0.3867	0.0564
JHLRD774X2C072339	3	6090862115	5	8	2	364.1235	364.1235	0	4.3694	17.3391	17.3391	0	-3.8147	0.5547
JHLRE48739C008397	3	6090862201	5	0	2	10.5011	10.5011	0	0.126	0.3811	0.3811	0	-0.0839	0.0422
JHLRE48739C008397	3	6090862201	5	8	2	388.7298	388.7298	0	4.6648	14.5404	14.5404	0	-3.1989	1.4659
JHMZF1D48BSO13142	3	6090862114	5	0	2	3.8525	3.8525	0	0.0462	0.0822	0.0822	0	-0.018	0.0281
JHMZF1D48BSO13142	3	6090862114	5	8	2	93.0813	93.0813	0	1.117	2.098	2.098	0	-0.4614	0.6554
JM1BK32F061458582	3	6090861182	5	0	2	0.3728	0.3728	0	0.0044	0.0127	0.0127	0	-0.0028	0.0017
JM1BK32F061458582	3	6090861182	5	8	2	273.9625	273.9625	0	3.2877	7.544	7.544	0	-1.6597	1.6279
JM1GJ1V58F1209513	3	6042263220	4	0	2	1907.4853	1907.4853	0	22.8899	58.9876	58.9876	0	-12.9769	9.9126
JM3ER4C35B0354714	3	6090861279	5	0	2	0.1864	0.1864	0	0.0022	0.015	0.015	0	-0.0033	-0.0011
JM3ER4C35B0354714	3	6090861279	5	8	2	454.533	454.533	0	5.4544	20.7937	20.7937	0	-4.5745	0.8798
JM3KE2DY9F0440109	3	6082962188	5	0	2	26.0973	26.0973	0	0.313	0.9446	0.9446	0	-0.2079	0.1053

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vin	vin	fuelUse			taxable	nonTaxable	revenue	fuel	taxable	nonTaxable	fuelTax	balance		
	Status	certid	ruleId	Method									mileage (E)	Mileage (F)
vin	(A)	mrdId	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)		
JM3KE2DY9F0440109	3	6082962188	5	8	2	869.6085	869.6085	0	10.4351	28.8992	28.8992	0	-6.3575	4.0774
JN1CV6AR8B8M401096	3	6090862151	5	0	2	165.0983	165.0983	0	1.9811	8.2551	8.2551	0	-1.816	0.1652
JN1CV6AR8B8M401096	3	6090862151	5	8	2	22.6179	22.6179	0	0.2713	1.1309	1.1309	0	-0.2489	0.0227
JN8AS5MV6AW144687	3	6042263164	4	0	2	1957.4436	1957.4436	0	23.4893	82.0694	82.0694	0	-18.0555	5.4341
JN8AS5MV6CW716814	3	6090862157	5	0	2	20.381	20.381	0	0.2445	0.8446	0.8446	0	-0.1857	0.0586
JN8AS5MV6CW716814	3	6090862157	5	8	2	483.1784	483.1784	0	5.798	19.6052	19.6052	0	-4.3131	1.4849
JN8DR09Y32W743790	3	6042263173	4	0	2	885.5782	885.5782	0	10.6267	43.5432	43.5432	0	-9.5795	1.0475
JNKC01F89M850133	3	6042262176	4	0	2	641.6899	641.6899	0	7.7004	42.8608	42.8608	0	-9.4293	-1.7289
JT2BF28K8X0157142	3	6090861196	5	0	2	3.4797	3.4797	0	0.0418	0.1256	0.1256	0	-0.0276	0.0141
JT2BF28K8X0157142	3	6090861196	5	8	2	40.6377	40.6377	0	0.4877	1.3224	1.3224	0	-0.2909	0.1967
JTDKB20U563200929	3	6081663330	5	0	2	71.8307	71.8307	0	0.862	1.3382	1.3382	0	-0.2943	0.5672
JTDKB20U563200929	3	6081663330	5	8	2	951.4434	951.4434	0	11.4173	17.5049	17.5049	0	-3.8512	7.5664
JTDKB20U657050885	3	6042263217	4	0	2	357.5369	357.5369	0	4.2903	8.4413	8.4413	0	-1.8572	2.4334
JTDKN3DU0A0072472	3	6042263253	4	0	2	0	0	0	0	0.0215	0.0215	0	-0.0048	-0.0048
JTEBU11F670088435	3	6090862221	5	0	2	26.6569	26.6569	0	0.32	1.4834	1.4834	0	-0.3264	-0.0064
JTEBU11F670088435	3	6090862221	5	8	2	225.3092	225.3092	0	2.7038	10.9425	10.9425	0	-2.4073	0.2963
JTEES42A282093645	3	6090861179	5	0	2	3.169	3.169	0	0.038	0.1851	0.1851	0	-0.0408	-0.0028
JTEES42A282093645	3	6090861179	5	8	2	446.5173	446.5173	0	5.3581	22.7054	22.7054	0	-4.9952	0.3633
JTEEW44AX82004941	3	6090862067	5	0	2	2.2371	2.2371	0	0.0268	0.0986	0.0986	0	-0.0217	0.0051
JTEEW44AX82004941	3	6090862067	5	8	2	567.8091	567.8091	0	6.8138	21.5845	21.5845	0	-4.7485	2.0651
JTKKT624X50080555	3	6090862068	5	0	2	12.3031	12.3031	0	0.1477	0.469	0.469	0	-0.103	0.0445
JTKKT624X50080555	3	6090862068	5	8	2	127.3811	127.3811	0	1.5287	4.0533	4.0533	0	-0.8918	0.6369
KL4CJHSBFB129605	3	6090861200	5	0	2	2.6097	2.6097	0	0.0313	0.1229	0.1229	0	-0.0271	0.0042
KL4CJHSBFB129605	3	6090861200	5	8	2	325.5985	325.5985	0	3.9071	11.6397	11.6397	0	-2.5607	1.3464
KM8J3CA27GU129090	3	6090861181	5	0	2	3.4175	3.4175	0	0.041	0.1315	0.1315	0	-0.0289	0.0121
KM8J3CA27GU129090	3	6090861181	5	8	2	32.8705	32.8705	0	0.3944	1.2642	1.2642	0	-0.2781	0.1163
KMHCT4AE0FU821375	3	6042262161	4	0	2	105.6331	105.6331	0	1.2677	3.521	3.521	0	-0.7745	0.493
KMHDU46D47U219677	3	6042263258	4	0	2	418.0585	418.0585	0	5.0169	13.4702	13.4702	0	-2.9635	2.0532
SALWV2TF6FA602677	3	6042263235	4	0	2	133.3464	133.3464	0	1.6002	8.656	8.656	0	-1.9044	-0.3041
WA1UFAFL0EA143359	3	9	9	8	3	11	11	0	0.132	0.4783	0.4783	0	-0.1052	0.0268
WA1UFAFLXDA219050	3	6090861023	5	0	2	80.1567	80.1567	0	0.962	3.4642	3.4642	0	-0.762	0.1999
WA1UFAFLXDA219050	3	6090861023	5	8	2	1178.9897	1178.9897	0	14.1479	43.094	43.094	0	-9.4806	4.6673
WAILFAFP1EA123923	3	6042262059	4	0	2	383.6345	383.6345	0	4.6036	15.2668	15.2668	0	-3.3586	1.2449
WAUFFAFL1FA081493	3	6090862210	5	0	2	13.4217	13.4217	0	0.1612	0.7189	0.7189	0	-0.1582	0.003
WAUFFAFL1FA081493	3	6090862210	5	8	2	138.1308	138.1308	0	1.6577	6.3843	6.3843	0	-1.4046	0.2531
WAUPL68EX5A034602	3	6090862177	5	0	2	291.1747	291.1747	0	3.4941	17.0331	17.0331	0	-3.7473	-0.253
WAUPL68EX5A034602	3	6090862177	5	8	2	212.8198	212.8198	0	2.5539	12.2973	12.2973	0	-2.7054	-0.1516
WBAAV33421EE75160	3	6090861075	5	0	2	16.0314	16.0314	0	0.1925	0.9141	0.9141	0	-0.2011	-0.0088
WBAAV33421EE75160	3	6090861075	5	8	2	574.2711	574.2711	0	6.891	27.0648	27.0648	0	-5.9542	0.937

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vin	vin	certid			fuelUse	taxable		nonTaxable	revenue	fuel	taxable	nonTaxable	fuelTax	balance
	Status	mrldId	(B)	(C)	Method	mileage (E)	Mileage (F)	Mileage (G)	(H)	Usage	FuelUsage	FuelUsage	Credit (I)	(J)
WBAEU33482PF65018	3	6081663329	5	0	2	3.2309	3.2309	0	0.0387	0.1781	0.1781	0	-0.039	-0.0005
WBAEU33482PF65018	3	6081663329	5	8	2	536.4918	536.4918	0	6.438	24.0636	24.0636	0	-5.2942	1.1439
WVGBV9AX5AW530582	3	6090862206	5	0	2	35.1075	35.1075	0	0.4212	1.2778	1.2778	0	-0.281	0.1403
WVGBV9AX5AW530582	3	6090862206	5	8	2	275.1431	275.1431	0	3.3016	10.3069	10.3069	0	-2.2675	1.0342
WVWTK73C78E233264	3	6090862212	5	0	2	30.5715	30.5715	0	0.3669	1.1596	1.1596	0	-0.2551	0.1117
WVWTK73C78E233264	3	6090862212	5	8	2	42.5018	42.5018	0	0.51	1.364	1.364	0	-0.3001	0.21
YV4902RV3F2696140	3	6090862103	5	0	2	12.4274	12.4274	0	0.1491	0.7309	0.7309	0	-0.1608	-0.0117
YV4902RV3F2696140	3	6090862103	5	8	2	263.5857	263.5857	0	3.1629	13.1584	13.1584	0	-2.8949	0.2682

(A) An integer value indicating the reason for the status of a given VIN at the period end date of the report

1 = Pending – If the VIN has been submitted for approval and is not yet approved by the agency

2 = Started - If the VIN is first appearing on the report

3 = Active - if the VIN has previously appeared

4 = Discontinued – has exited the program

(B) Certification ID number

4 = Non-GPS Mileage Reporting Option

5 = GPS Mileage Reporting Option

9 = Odometer Reading Option

(C) An identifier associated with a geographic area, or zone. Colorado is RuleID 8 or 0. See attached table for all other RuleIDs.

(D) A value indicating which fuel consumption method is used to calculate fuel usage

1 = Fuel use not calculated due to unavailability of data

2 = Fuel calculated from actual fuel use on the device

3 = Fuel Use calculated using approved EPA methods

4 = Vehicle does not use taxable fuel

(E) All miles driven by vehicle

(F) Miles driven on public roads in the state of Colorado

(G) All the miles that are travelled outside the state of Colorado

(H) RUC revenue for the month using the pilot road usage charge rate of 1.2 cents per mile (Taxable Mileage X 1.2 cents per mile)

(I) Fuel tax credits based on Colorado's gas tax rate of 22 cents per gallon (Taxable Fuel Usage X 22 cents per gallon)

(J) Net revenue for the month minus any fuel tax credits for the gas tax rate of 22 cents per gallon (RUC Revenue - Fuel Tax Credit)

**Colorado RUCPP
Rule IDs by State**

STATE / LOCATION	Rule ID	Description
No State / Undifferentiated	00	To be used when the vehicle location cannot be determined
No State / Undifferentiated	00	Out of State Miles - For miles identified as out of the vehicle's home state, but unable to discern a specific other Mileage Rule ID location
Alabama	01	This is for general miles within this state
Alaska	02	This is for general miles within this state
Arizona	04	This is for general miles within this state
Arkansas	05	This is for general miles within this state
California	06	This is for general miles within this state
Colorado	08	This is for general miles within this state
Connecticut	09	This is for general miles within this state
Delaware	10	This is for general miles within this state
District of Columbia	11	This is for general miles within this state
Florida	12	This is for general miles within this state
Georgia	13	This is for general miles within this state
Hawaii	15	This is for general miles within this state
Idaho	16	This is for general miles within this state
Illinois	17	This is for general miles within this state
Indiana	18	This is for general miles within this state
Iowa	19	This is for general miles within this state
Kansas	20	This is for general miles within this state
Kentucky	21	This is for general miles within this state
Louisiana	22	This is for general miles within this state
Maine	23	This is for general miles within this state
Maryland	24	This is for general miles within this state
Massachusetts	25	This is for general miles within this state
Michigan	26	This is for general miles within this state
Minnesota	27	This is for general miles within this state
Mississippi	28	This is for general miles within this state
Missouri	29	This is for general miles within this state
Montana	30	This is for general miles within this state
Nebraska	31	This is for general miles within this state
Nevada	32	This is for general miles within this state
New Hampshire	33	This is for general miles within this state
New Jersey	34	This is for general miles within this state
New Mexico	35	This is for general miles within this state
New York	36	This is for general miles within this state
North Carolina	37	This is for general miles within this state
North Dakota	38	This is for general miles within this state
Ohio	39	This is for general miles within this state
Oklahoma	40	This is for general miles within this state
Oregon	41	This is for general miles within this state
Pennsylvania	42	This is for general miles within this state
Rhode Island	44	This is for general miles within this state
South Carolina	45	This is for general miles within this state
South Dakota	46	This is for general miles within this state
Tennessee	47	This is for general miles within this state
Texas	48	This is for general miles within this state
Utah	49	This is for general miles within this state
Vermont	50	This is for general miles within this state
Virginia	51	This is for general miles within this state
Washington	53	This is for general miles within this state
West Virginia	54	This is for general miles within this state
Wisconsin	55	This is for general miles within this state
Wyoming	56	This is for general miles within this state
Canada	300	This is for general miles within Canada
Mexico	301	This is for general miles within Mexico
International Miles	302	This is for international miles (not including Canada or Mexico)

RUC Revenue Report

**Colorado RUCPP
December RUC Revenue Report**

ruleId	roadUsage ChargeRate (A)	fuel Tax Rate (B)	total Mileage (C)	total Taxable Mileage (D)	total nonTaxable Mileage (E)	total Fuel Usage	total Taxable Fuel Usage	total NonTaxable Fuel Usage	total RoadUsage Charge (F)	totalFuel TaxCredit (G)	total Balance (H)
0	0.012	0.22	13469.03	13469.026	0	617.3554	617.3554	0	161.6286	-135.818	25.8094
8	0.012	0.22	44852.6	44852.5955	0	2139.0007	2139.0007	0	538.2319	-470.579	67.6504
20	0	0	1096.818	0	1096.8182	47.103	0	47.103	0	0	0
29	0	0	15.3149	0	15.3149	0.6596	0	0.6596	0	0	0
35	0	0	58.7972	0	58.7972	10.0268	0	10.0268	0	0	0
49	0	0	893.5153	0	893.5153	38.9987	0	38.9987	0	0	0

(A) An identifier associated with a geographic area, or zone. Colorado is RuleID 8 or 0. See attached table for all other RuleIDs.

(B) Colorado RUCPP road usage charge rate of 1.2 cents per mile

(C) Colorado's gas tax rate of 22 cents per gallon

(D) All miles driven by vehicle

(E) All the miles that are traveled outside the state of Colorado

(F) RUC revenue for the month using the pilot road usage charge rate of 1.2 cents per mile (total Taxable Mileage X Road Usage Charge Rate of 1.2 cents per mile)

(G) Fuel tax credits based on Colorado's gas tax rate of 22 cents per gallon (total Taxable Fuel Usage X fuel Tax Rate of 22 cents per gallon)

(H) Net revenue for the month minus any fuel tax credits for the gas tax rate of 22 cents per gallon (total Road Usage Charge - Fuel Tax Credit)

**Colorado RUCPP
Rule IDs by State**

STATE / LOCATION	Rule ID	Description
No State / Undifferentiated	00	To be used when the vehicle location cannot be determined
No State / Undifferentiated	00	Out of State Miles - For miles identified as out of the vehicle's home state, but unable to discern a specific other Mileage Rule ID location
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Georgia	13	This is for general miles within this state
Hawaii	15	This is for general miles within this state
Idaho	16	This is for general miles within this state
Illinois	17	This is for general miles within this state
Indiana	18	This is for general miles within this state
Iowa	19	This is for general miles within this state
Kansas	20	This is for general miles within this state
Kentucky	21	This is for general miles within this state
Louisiana	22	This is for general miles within this state
Maine	23	This is for general miles within this state
Maryland	24	This is for general miles within this state
Massachusetts	25	This is for general miles within this state
Michigan	26	This is for general miles within this state
Minnesota	27	This is for general miles within this state
Mississippi	28	This is for general miles within this state
Missouri	29	This is for general miles within this state
Montana	30	This is for general miles within this state
Nebraska	31	This is for general miles within this state
Nevada	32	This is for general miles within this state
New Hampshire	33	This is for general miles within this state
New Jersey	34	This is for general miles within this state
New Mexico	35	This is for general miles within this state
New York	36	This is for general miles within this state
North Carolina	37	This is for general miles within this state
North Dakota	38	This is for general miles within this state
Ohio	39	This is for general miles within this state
Oklahoma	40	This is for general miles within this state
Oregon	41	This is for general miles within this state
Pennsylvania	42	This is for general miles within this state
Rhode Island	44	This is for general miles within this state
South Carolina	45	This is for general miles within this state
South Dakota	46	This is for general miles within this state
Tennessee	47	This is for general miles within this state
Texas	48	This is for general miles within this state
Utah	49	This is for general miles within this state
Vermont	50	This is for general miles within this state
Virginia	51	This is for general miles within this state
Washington	53	This is for general miles within this state
West Virginia	54	This is for general miles within this state
Wisconsin	55	This is for general miles within this state
Wyoming	56	This is for general miles within this state
Canada	300	This is for general miles within Canada
Mexico	301	This is for general miles within Mexico
International Miles	302	This is for international miles (not including Canada or Mexico)

Errors and Events Report

**Colorado RUCPP
December Errors and Events Report**

vin	mrldId	error EventCode (A)	error EventDate	totalMiles OnDate (B)	certId (C)
3LN6L2JK1GR609388	6090861096	4	12/10/2016	12.1167	5
3LN6L2JK1GR609388	6090861096	4	12/10/2016	12.1167	5
5FNRL3H23AB008697	6042262196	4	12/13/2016	59.838	4
5FNRL3H23AB008697	6042262196	4	12/13/2016	59.838	4
5FPYK1F62EB006588	6090862154	4	12/16/2016	0	5
5NPDH4AE5CH063887	6090862111	4	12/16/2016	18.3926	5
5NPDH4AE5CH063887	6090862111	4	12/16/2016	18.3926	5
4S4BP62C977342056	6090862132	4	12/24/2016	0	5
4S4BP62C977342056	6090862132	4	12/24/2016	0	5
JHMZF1D48BSO13142	6090862114	4	12/28/2016	20.9402	5
JHMZF1D48BSO13142	6090862114	4	12/28/2016	20.9402	5
WBAEU33482PF65018	6081663329	4	12/30/2016	7.2079	5
WBAEU33482PF65018	6081663329	4	12/30/2016	7.2079	5
KM8J3CA27GU129090	6090861181	4	12/30/2016	18.9518	5
KM8J3CA27GU129090	6090861181	4	12/30/2016	18.9518	5
1GCHK23103F114627	6082963442	4	12/31/2016	55.302	5
1GCHK23103F114627	6082963442	4	12/31/2016	55.302	5

(A) Description: Coding of each error or event that occurred for the given Mileage Reporting Device or VIN on the given date when the error was detected by the Mileage Reporting Device or the Account Manager:

1. Low Voltage
2. Anomalies in monitored vehicle functions and parameters which could compromise the collection and reporting of Road Usage Charge data
3. Storage full
4. Disconnects / reconnects
5. Connected to new vehicle
6. Vehicle interface communications failure
7. Location data degraded [mileage meter with general location only]
8. Incorrect date/time (conflict between date/time from vehicle interface and from wireless communications)
9. Software resets
10. Software updates
11. Degraded mileage data
12. Missed mileage
13. Vendor-specific

(B) Total Miles Reported for the VIN/Mileage Reporting Device for a given day

(C) Certification ID number

4 = Non-GPS Mileage Reporting Option

5 = GPS Mileage Reporting Option

9 = Odometer Reading Option

Help Desk Log

Colorado RUCPP Help Desk Log - December Summary

ID	Customer	Request Date	Reported Via	Mileage Reporting Option	Issue Type	Issue Description	Actions Taken	Current Status
1	Ayesha Williams	12/6/2016 11:15	Phone	Odometer	Enrollment issue	The participant was concerned that she might be charged for by participating in the pilot. As part of the enrollment process a billing address is requested from the user which signaled to the participant that she could be charged.	We were able to explain to the participant the reason for the requested billing address information. "The billing address information is only requested as a part of the simulation. We want to make sure the experience is as authentic as possible."	Closed
2	Tom Norton	12/8/2016 12:00	Phone	GPS MRD	MRD issue	The participant has a device in his vehicle that was issued by his insurance company to track his mileage. He was unsure if device would interfere with Azuga's issued MRD. He was also unsure if the device could be used in place of the MRD.	We informed the participant that since the device issued by his insurance company is not plugged into his OBD-II port it would not interfere with the Azuga issued MRD Device. We also informed him that the device issued to him by his insurance company would not gather the information needed for the pilot program.	Closed
3	Tom Norton	12/8/2016 13:00	Phone	GPS MRD	Enrollment issue	The participant was unable to enter his county information under the personal information portal.		Closed
4	Matt Dietch	12/8/2016 14:00	Phone	GPS MRD	Enrollment issue	The participant lives in a mountain area that does not receive direct mail from the U.S Postal Service. He was concerned that he wouldn't be able to receive his MRD at his direct address or his P.O box. Only Fed Ex or UPS will deliver packages.	We informed the participant that the MRD would be delivered via Fed Ex and that he not have any issues receiving the package.	Closed
5	Allen Turner	12/12/2016 10:00	E-mail	GPS MRD	Other	The participant was considering enrolling as an odometer reading option participant. The participant was concerned with the operation of the odometer option specifically charging credit and his role.	The participant was provided with the detailed information needed regarding the odometer reading option.	Closed
6	Corrine Pisano	12/13/2016 7:00	E-mail	Odometer	Other	The participant is enrolled as odometer reading option participant. Specifically she was concerned about recording her fueling habits.		Closed
7	Debra Hanson	12/13/2016 9:10	Phone	Non-GPS MRD	MRD issue	The participant was unsure if the MRD would fit in her vehicle because she had to place the device upside down to insert it into her OBD-II port. She was also concerned that when she did insert the device it didn't flash the lights and she did not see a connection confirmation in the web portal.	We had the participant re-install the device by walking her through the process over the telephone. And informed her that she might need to take a trip to before the confirmed it was connected to the Azuga web portal.	Closed
8	Matt Dietch	12/13/2016 12:00	Phone	GPS MRD	Account issue	The participant was concerned with the daily trip extension on his account dashboard. Within the extension was a "cost" field displaying the cost of his driving for the day. He was under the impression that the cost was his road usage charge for the day.		Closed
9	Drew Nelson	12/13/2016 14:45	E-mail	Non-GPS MRD	Account issue	Participant registered a diesel vehicle and only gas, hybrids and electric are allowed in the pilot	Participant provided new vehicle information which was sent to Azuga to update his account.	Closed
10	Greg Brinck	12/14/2016 9:30	E-mail	Not Applicable	Enrollment issue	The selected participant was unable to enroll because the enrollment portal did not recognize his email address as a selected participant.		Closed
11	Edward Archuleta	12/14/2016 10:50	Phone	GPS MRD	Enrollment issue	The participant was unable to advance past the user terms and agreement during enrollment.	We informed him the issue could be that he is not entering his name exactly as it is spelled in the personal information portal.	Closed
12	Ed Archuleta	12/14/2016 11:30	E-mail	GPS MRD	Account issue	Participant registered a diesel vehicle	Help desk Verified that the update has been complete and notified participant.	Closed
13	Jim Wearn	12/16/2016 9:00	E-mail	GPS MRD	Enrollment issue	The participant received a non-working activation code.	We resent the participant's activation code.	Closed
14	Junessa Dodds	12/16/2016 9:15	Phone	Non-GPS MRD	Enrollment issue	The participant was given a non-working activation code.	Participant was sent a new activation code.	Closed
15	Cathy Proctor	12/16/2016 9:30	Phone	GPS MRD	MRD issue	The participant had encountered problems when searching for her OBD-II port.	We were able to locate the participant's OBD-II over the phone. We then instructed her to drive around to ensure the device was functioning.	Closed
16	Joshua Becker	12/16/2016 9:45	E-mail	Non-GPS MRD	Enrollment issue	The participant was given a non-working activation code.	The Participant was resent an activation code.	Closed

Colorado RUCPP Help Desk Log - December Summary

ID	Customer	Request Date	Reported Via	Mileage Reporting Option	Issue Type	Issue Description	Actions Taken	Current Status
17	Chet Newman	12/16/2016 10:00	Phone	Not Applicable	Enrollment issue	The individual was under the impression that he would be able to enroll several vehicles, six to be exact.	We informed the individual that he could only enroll 1 vehicle. We later informed the participant that he would be allowed enroll up to three vehicles. We are awaiting on his decision to continue in the pilot program.	Open
18	Michael Jung	12/16/2016 13:45	E-mail	GPS MRD	MRD issue	Customer Reports MRD non logging miles	Followed up with Tier 2 support who said they sent over the air commands to enable the reporting to the device today. They need to evaluate the effectiveness and hope to have an update in the next 24-48 hours. Notified participant that we are still working on this issue.	Closed
19	Alicia Ferdula	12/17/2016 11:20	E-mail	Non-GPS MRD	Enrollment issue	The participant was given a non-working activation code.	The participant was sent a new activation code.	Closed
20	Audrey DeBarros	12/17/2016 14:15	E-mail	GPS MRD	Other	The participant was concerned that she was going to be charged for participating in the pilot program.	We informed the participant that all charges or charging related items are simulated for this pilot program.	Closed
21	Joshua Becker	12/18/2016 12:40	E-mail	Non-GPS MRD	Enrollment issue	The participant was having an issue advancing from past the 'Add Vehicle' in the enrollment portal.	We guided the participant through the 'add vehicle' page using screenshots. This did not resolve the issue. The participant attempted the process on a different device and was successful.	Closed
22	Ginny Linstrom	12/19/2016 14:30	E-mail	Not Applicable	Enrollment issue	Participant started to enroll, but was confused why she was asked to enter credit card information, she thought this was voluntary.	Participant successfully enrolled in the pilot.	Closed
23	Tim Hesslink	12/19/2016 14:30	Phone	GPS MRD	Other	The participant was requesting in depth information about the pilot program. The questions were related to the programs goals, outcomes, future considerations, and mileage reporting options.	The participant was given the information he requested.	Closed
24	Joshua Becker	12/20/2016 7:50	E-mail	Non-GPS MRD	Enrollment issue	The participant's VIN did not register with the Azuga database.	This was escalated to a tier 2 issue. The azuga team was able to manually register the participants vehicle in the database.	Closed
25	Polly Bennett	12/20/2016 10:00	Phone	GPS MRD	MRD issue	The participant requested information regarding the different MRD's. and their functions She specifically wanted to know which option would be best for pilot testing.	The participant was given the information she requested.	Closed
26	Kelly Brough	12/20/2016 12:35	E-mail	Not Applicable	Enrollment issue	Activation code did not work. She was assigned 6 digits and only 5 are allowed.	Escalated to Tier 2 to assign 5-digit activation code. Once updated in the system, we emailed participant with new activation code.	Closed
27	Andy Karsian	12/20/2016 14:45	E-mail	GPS MRD	Enrollment issue	Participant did not receive enrollment email.	We resent the participants enrollment email.	Closed
28	Tom Perkins	12/20/2016 18:30	E-mail	Odometer	Other	Participant installed the Azuga Insight Mobile app on his iPhone, but when he tries to login with his correct username and password he gets an error message: "Please check your login credentials and try again"	Participant followed the steps sent to him and was able to successfully log into the mobile app.	Closed
29	Steve Hofmeister	12/21/2016 10:00	Phone	GPS MRD	Other	The participant wanted to know the preferred mileage reporting option for the pilot.	We informed him that the GPS-enabled-mileage reporting option was the preferred option.	Closed
30	Steve Hofmeister	12/21/2016 11:30	E-mail	GPS MRD	Account issue	Spelling of his last name is incorrect on his account		Closed
31	Steve hofmeister	12/21/2016 11:40	E-mail	GPS MRD	Account issue	The participant misspelled his name in his account.	This was escalated to a tier 2 issue. The azuga team corrected the misspelling.	Closed
32	Kathy Gilliland	12/21/2016 16:00	Phone	GPS MRD	Account issue	Participant called Tim Kirby directly asking if her information looks ok since she received a VIN error when she enrolled.	Azuga verified that the vehicle 1999 Toyota Camry has been processed. Due to VIN error the application was flagged.	Closed
33	Carolyn Flinchbaugh	12/27/2016 0:00	Phone	GPS MRD	Enrollment issue	Got Dashboard When I Logged In / Calling To Confirm Device Is Active W/My Vehicle	Advised the customer that everything appears to be installed correctly and to call again if no miles are logged after taking first trip.	Closed
34	Robert Kochevar	12/27/2016 11:45	Phone	GPS MRD	MRD issue	Tried To Plug In My Azuga Device And Follow The Steps/The Unit Did Not Light Up	Advised the customer that the device is functioning properly.	Closed

Colorado RUCPP Help Desk Log - December Summary

ID	Customer	Request Date	Reported Via	Mileage Reporting Option	Issue Type	Issue Description	Actions Taken	Current Status
35	Harold Lasley	12/27/2016 14:30	Phone	GPS MRD	MRD issue	Customer reported not seeing any lights when installing the MRD.		Closed
36	Daniel Collins	12/28/2016 9:00	Phone	Non-GPS MRD	Enrollment issue	Customer Reports he has not yet received his device	New MRD is being Shipped	Escalated to Tier 2
37	George Scott	12/30/2016 9:00	E-mail	GPS MRD	Account issue	Participant requested web access information	Sent participant a link to https://coloradoruc.azuga.com/	Closed

