

Automated Safety Enforcement Data Reporting Guidance

Per [RCW 46.63.220\(6\)](#), jurisdictions deploying automated safety enforcement (ASE) cameras are required to provide the Washington Traffic Safety Commission with data for reporting to the transportation committees of the legislature in a form and manner specified by the Commission. This document provides jurisdictions deploying ASE cameras guidance on the required data elements and methods for submitting the data to the WTSC. **Data outlined in this document must be submitted to the WTSC by March 15, 2026.** There are three data reporting components: Part A reporting includes data at the program level, Part B reporting includes data for individual cameras, and Part C reporting includes daily information for each camera deployment. A template has been provided for Part A and Part B reporting. Jurisdictions should work directly with ASE camera vendors for Part C reporting. The following describes each of the data elements required.

Part A: Program Reporting

Program reporting should be provided by completing the information in the provided template. Save your template as [Jurisdiction]_[Year]_PartA-B ASE Report.xlsx.

Name	Details/Notes	Data type	Example data
Reporting jurisdiction	Where the report is for (e.g. Bothell)	text	Bothell
Reporting period year	Time covered by this report (e.g. 2025)	year	2025
Report sign-off department	Which department signs off on reporting (e.g. Department of Transportation, Police, etc.)	text	Police department
Camera setup costs	One-time costs to the incurred by the jurisdiction to initiate camera deployment, such as signage, beacon lights, and others. This does not include costs incurred by the vendor.	numerical	\$52,156.25
Program operation costs	Recurring costs to the jurisdiction incurred during this reporting period to (e.g. contractor costs for camera operation, staff time for administration and violation review, operation and maintenance of signing and supporting roadside devices.)	numerical	\$16,000.71

Court costs	Costs incurred by the court system this reporting period regarding this program	numerical	\$5,710.25
Other program costs	Any other costs incurred this reporting period for this program	numerical	\$1,615.37
Revenues collected	Gross revenue to the jurisdiction for this deployment for this period.	numerical	\$17,235.85

Part B: ASE Cameras and Deployments (i.e. camera + enforcement rules as detailed below)

Camera reporting must be provided by completing the information in the provided template. Save your template as [Jurisdiction]_[Year]_PartA-B ASE Report.xlsx. A single camera may have different deployments, for example, a camera in a school zone that enforces both a 20 mph reduced speed limit within school zone hours and the normally posted speed limit outside of school zone hours. For purposes of Part B reporting, a camera that has different deployment rules should be treated as two cameras (two rows in the template) sharing the same Camera ID, with distinct Deployment IDs. Cameras that have only one set of deployment rules will have the same Camera ID and Deployment ID.

Name	Details/Notes	Data Type	Example data
Camera ID	Defines the camera – the camera name in your system	text	KEN17501B
Deployment ID	Defined by camera + enforcement rules. If rules change during the day (e.g. when speed limit changes based on whether school is in session) we expect 1 Camera ID and 2 Deployment IDs to represent that one camera with two sets of rules	text	KEN17501B1
Location Details	Human-readable format for where camera is (e.g. NB SR 522 at 125 th NE) When applicable, location details must include the direction of travel captured by the camera.	text	NB SR 522 at 125 th NE
Location Latitude	Computer-readable format defining location in latitude/longitude format	text	46.6630879
Location Longitude	Computer-readable format defining location in latitude/longitude format	text	-120.4532832
Deployment Start Date	Calendar date (month, day, year) camera was first activated in this location	date	01/04/2015
Deployment End Date	Calendar date (month, day, year) when this camera was last activated in this location. Or, “ongoing” if the camera is still active.	date	12/31/2025

Name	Details/Notes	Data Type	Example data
Infraction Type	What the camera is watching for (e.g. red light, speed)	text	speed
Location Type	What the camera is enforcing (e.g. school zone, work zone, regular posted speed limits)	text	School zone
Speed Limit	For speed cameras only, speed limit the camera is enforcing.	Integer	25
Ticketing Threshold1	For speed cameras only, how much above the posted limit before a citation is issued – please note that the WTSC will not publish ticketing thresholds for individual cameras . If a jurisdiction has a single threshold, please leave the remaining threshold and fee fields blank.	text	6-10 MPH over
Fee for threshold 1	Fine for a violation for this deployment and threshold 1. If a jurisdiction has a single threshold, please leave the remaining threshold and fee fields blank.	Integer	\$180
Ticketing Threshold 2	For speed cameras only, how much above the posted limit before a citation is issued – please note that the WTSC will not publish ticketing thresholds for individual cameras	text	11-15 MPH Over
Fee for threshold 2	Fine for a violation for this deployment and threshold 2	Integer	\$230
Ticketing Threshold 3	For speed cameras only, how much above the posted limit before a citation is issued – please note that the WTSC will not publish ticketing thresholds for individual cameras	text	16-20 MPH Over
Fee for threshold 3	Fine for a violation for this deployment and threshold 3	Integer	\$280

Name	Details/Notes	Data Type	Example data
Ticketing Threshold4	For speed cameras only, how much above the posted limit before a citation is issued – please note that the WTSC will not publish ticketing thresholds for individual cameras	text	21+ MPH Over
Fee for threshold 4	Fine for a violation for this deployment and threshold 4	Integer	\$290
Collision Prevention Zone	Per 46.63.220, each jurisdiction deploying automated enforcement cameras must report collisions occurring in the vicinity of each camera. This field reflects the area considered ‘covered’ by this camera deployment as initially defined by the jurisdiction. For example, for a camera facing the northbound lane of First Ave between A Street and B Street, you might enter “NB First Ave within 50 meters of the intersection of First and B” Please include your jurisdiction’s definition/ description of Collision Prevention Zone. We are in the process of gathering information about the zones, not to analyze the impact of their effectiveness at this time.	text	Current description of your collision prevention zone

Part C: Camera Deployment Daily Data (days deployment was functional, e.g. if camera was functional 365 days a year, there will be 365 rows of the following information per infraction type)

No template has been provide for Part C reporting. Jurisdictions should work directly with their ASE camera vendor for extracting Part C data reports. These reports may be submitted as .xlsx or .csv files and named “[Jurisdiction]_[Year]_PartC ASE Report_CameraID][DeploymentID]”. Jurisdictions may provide multiple files, one for each deployment in which case you should include the [CameraID][DeploymentID] in the file name or may choose to compile all daily deployment data into a single file.

Part C data reports must include the following data elements. **Part C reports will be accepted in .xlsx or .csv formats only, .PDF reports will be rejected.**

Name	Details/Notes	Data Type	Data example
Camera ID	Defines the camera – the camera name in your system	text	KEN17501B
Deployment ID	To link data to deployment listing	text	KEN17501B1
Date	Date – each day the ASE camera is active must be reported	date	01/15/2025
Infraction Events	Count of infractions detected by unique camera setup parameters (e.g. red violations count by red light camera)	integer	15,000
Events submitted by vendor to officer queue	Count of the violation events put into queue for review by officer (or noncommissioned city staff).	integer	14,000

Name	Details/Notes	Data Type	Data example
Infractions Rejected Not Controllable	Count of the violations rejected based on what is known or available, could include: 1) DOL - No Matches Or Records, 2) No DOL Matches/Record, 3) Plate - State Unreadable Or Non-Us, 4) Plate Unreadable / Marred, and 5) Stolen Plate); This is a single count (one field) of the total number of rejected not controllable infractions.	integer	1,234
Infractions Rejected, Controllable	Infractions rejected by reviewing officer (or noncommissioned city staff) for controllable reasons; (e.g. out of U.S. plates, picture quality, flash did not light) This is a single count (one field) of the total number of rejected controllable infractions.	integer	657
Citations Issued	Count of citations issued	integer	14,700
Warnings Issued	Count of warnings issued	integer	1,100
Traffic Volume	Count of vehicles passing deployment each day	integer	65,125
Mean Speed	Mean speed of drivers passing camera deployment	numerical	27.5
Standard deviation	Standard deviation of speed of drivers passing camera deployment	numerical	26.1
85 th Percentile Speed	85 th percentile speed of drivers passing camera deployment	numerical	26.25

Name	Details/Notes	Data Type	Data example
Hours of enforcement operation	This should be total hours per daily deployment, for example school zone cameras only active during school zone/flashing beacon hours.	integer	3

Submission Instructions

Once you have completed the Part A-B ASE report and Part C reports, submit those reports via email to ASE@wtsc.wa.gov. Reports are due by March 15. Submitted reports will be initially validated by WTSC and shared with the University of Washington for aggregated analysis. If you have questions about the reporting requirements, please submit your question to ASE@wtsc.wa.gov.