



Statistical Transparency of Policing (STOP)

CJC • DPSST • Oregon State Police

STOP Solution Information and Overview

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STOP Program Web Site: <https://www.oregon.gov/cjc/stop>

Introduction

The STOP Program

The STOP program is mandated by the state legislature through House Bill 2355. HB2355 requires each Law Enforcement Agency with between 25 and 99 officers to begin collecting STOP data no later than July 1st 2019.

HB2355 specifies deadlines for Law Enforcement Agencies by Tier:

- Tier 1 – Law Enforcement Agencies with more than 100 officers (Must begin collecting no later than July, 1 2018)
- Tier 2 – Law Enforcement Agencies with 25 to 99 officers (Must begin collecting no later than July, 1 2019)
- Tier 3 – Law Enforcement Agencies with 1 to 24 officers (Must begin collecting no later than July, 1 2020)

The **STOP Solution** is the data system that collects, accepts, transforms, translates, and stores STOP data. Developed by the Oregon State Police the Solution includes:

- A Web Form, Android App, and an iPhone (iOS) app for collecting/sending STOP Data.
- An FTP interface for sending STOP data (bulk data upload) in a Comma Delimited (CSV) format.
- A Web Service interface for sending a NEIM compliant XML (bulk data upload) file containing STOP Data.
- A cloud based database for storing STOP Data.
- An administrative interface where individual Law Enforcement Agencies can add/remove users, reset passwords, and view the data they have sent to the STOP Solution.

There are no fees or costs for agencies associated with the use of the STOP Solution.

When to collect data

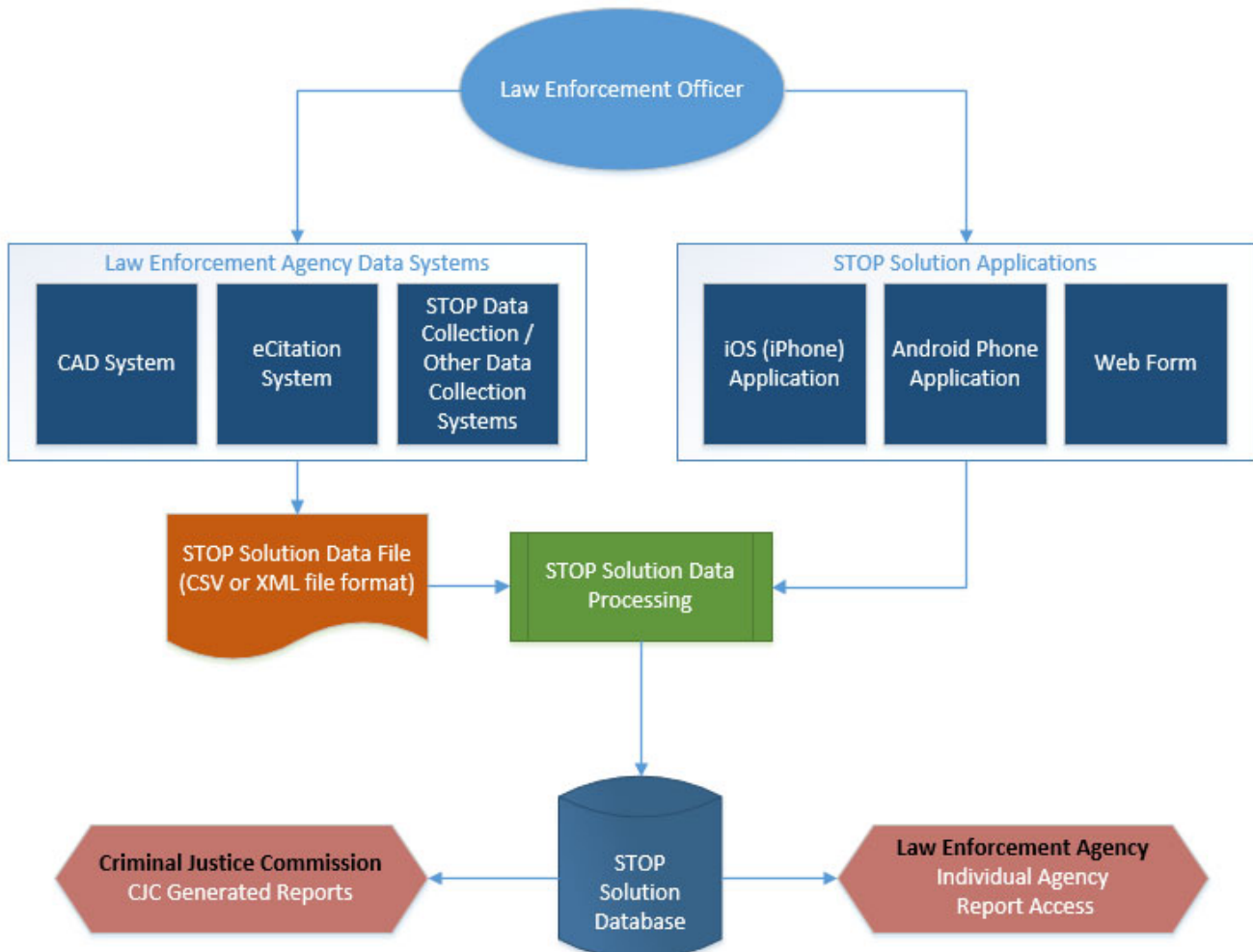
HB2355 requires STOP data to be collected on both Officer-initiated pedestrian stops and Officer-initiated traffic stops.

The intent of HB 2355 (2017) was to record officer-initiated pedestrian stops anytime that a person is detained when the stop is not associated with a call for service. To ensure that the language of HB2355 accurately reflects this intent, the following change has been requested for next session.

Section 1 (3) "Officer-initiated pedestrian stop" means a detention of a pedestrian by a law enforcement officer, not associated with a call for service, when the detention results in a citation, an arrest or a consensual search of the pedestrian's body or property. The term does not apply to detentions for routine searches performed at the point of entry to or exit from a controlled area.

Section 1 (4) "Officer-initiated traffic stop" means a detention of a driver of a motor vehicle by a law enforcement officer, not associated with a call for service, for the purpose of investigating a suspected violation of the Oregon Vehicle Code.

The STOP Solution – Data Flow



- Law Enforcement Officers collect traffic and pedestrian data.
- Officer collected data is either entered into Law Enforcement Agency Data systems or by using one of three applications provided by the STOP Solution.
- Data entered through a STOP Solution Application saves directly into the STOP Solution Database.
- Data Collected by Law Enforcement Agency systems is placed into either a Comma Delimited (CSV) or XML file format and then sent to the STOP Solution to be saved in the STOP Solution Database.
- The STOP Solution provides individual agencies with access to the data they have sent. CJC has access to all data stored in the STOP Solution.

STOP - Data Element Overview

Data element descriptions

An overview of STOP data elements is shown below.

- **Agency** – The name of the Law enforcement Agency initiating the stop. This value is represented as an ORI code.
- **Date** – The date of the stop.
- **Time** – The time of the stop.
- **Location** – The location of the stop. At a minimum, this will include enough information to determine the county in which the stop occurred.
- **Subject Perceived Prior to Stop** – Whether or not the officer observed the subject's race and other characteristics before making the stop.
- **Race** – The perceived race of the pedestrian or operator of the motor vehicle based on the observations of the law enforcement officer responsible for reporting the stop.
- **Age** – The age of the pedestrian or operator of the motor vehicle based on the observations of the law enforcement officer reporting the stop or the subject's actual age.
- **Sex** – The sex of the pedestrian or operator of the motor vehicle based on either the observations of the law enforcement officer reporting the stop or the subject's actual sex.
- **Nature of Stop** – Designates the stop as either traffic or pedestrian.
- **Statutory Reason for Stop** – The reason the stop was made.
- **Statutory Code** – The citation code associated with the stop.
- **Disposition** – The disposition of the stop.
- **Search Conducted** – Whether or not a search was conducted.
- **Search Findings** – The results of any search conducted.
- **Physical Custody Arrest Made** – Indicates if a stop resulted in a physical custody arrest.
- **Home Zip Code (optional, but preferred)** – The zip code where the subject resides.

STOP Application – Web Form

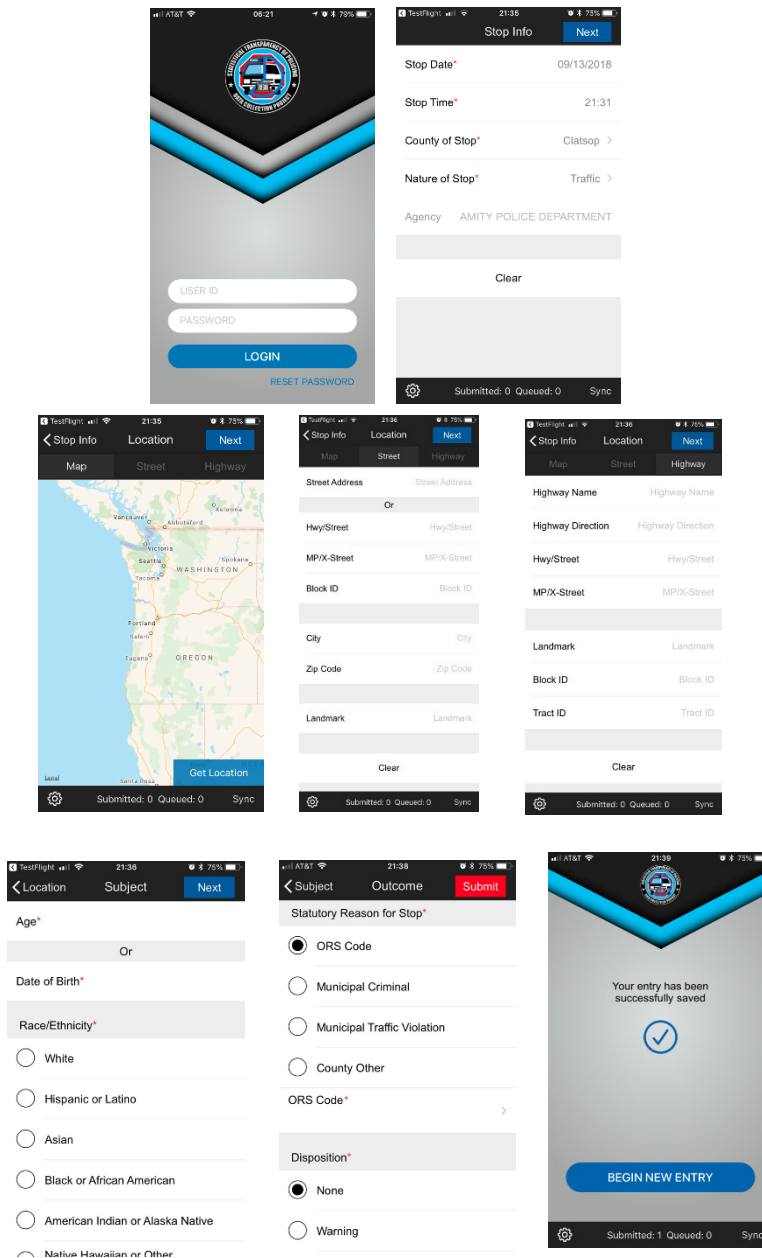
The STOP Web Form (Night Mode)

The screenshot shows the STOP Application Web Form in Night Mode. The browser address bar displays <https://test.stop.oregon.gov/web/Entry/Default>. The form is organized into several sections:

- STOP INFORMATION:** Includes fields for Stop Date (12/11/2019), Stop Time (01:46 PM), County of Stop (Curry), Nature of Stop (Pedestrian), and Agency (CRIMINAL JUSTICE COMMISSION).
- LOCATION:** Offers three methods to input location: Map, Street, and Highway. It includes Lat and Long input fields and a Get Location button.
- SUBJECT:** Includes fields for Age, Sex (M - Male, F - Female, X - Non-Binary), Home Zip Code, and Subject Perceived Prior to Stop (Yes/No). It also lists Race/Ethnicity options: White, Hispanic or Latino, Asian, Black or African American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, and Middle Eastern.
- OUTCOME:** Contains several sections:
 - Statutory Reason for Stop:** Radio buttons for ORS Code, Municipal—Criminal, Municipal—Traffic Violation, and County—Other. Includes an ORS Code dropdown.
 - Disposition:** Radio buttons for None, Warning, Citation, Physical Custody Arrest, and Juvenile Summons.
 - Search Conducted:** Radio buttons for No and Yes. Includes a Search Type section with checkboxes for No Search, Consent Search Denied, Consent Search, and Other Search.
 - Search Findings:** Checkboxes for Nothing, Alcohol, Drugs, Other Evidence, Other / Not-Evidence, Stolen Property, and Weapons.
 - Physical Custody Arrest Made:** Radio buttons for No and Yes.
- Submit:** A red button to submit the form.

- Collects all STOP data elements.
- Collects location data in one of three different ways. GPS, Street, Highway.
- Is convenient for officers – defaults are used whenever possible.
- Supports in day or night color themes.
- Allows for password changes/resets without the need for administrative support.
- Supported by the STOP Solution Vendor – FivePoint Solutions.
- Requires an internet connection and web browser (Firefox, Chrome, Edge, or Internet Explorer).

STOP Applications – iPhone (iOS) and Android Phone Apps (Day Mode)



STOP Mobile App Features

- Collects all STOP data elements.
- Collects location data in one of three different ways. GPS, Street, Highway.
- Is convenient for officers – defaults are used whenever possible.
- Supports in day or night color themes.
- Allows for password changes/resets without the need for administrative support.
- **Does not require an internet connection to collect data.** Officers can enter data offline and then send data once back within cell phone range.
- Supported by the STOP Solution Vendor – FivePoint Solutions.

STOP - Sending and Retrieving Data

Accepted file types

The file types accepted by the STOP Solution are:

- CSV
- NEIM Compliant XML (meeting LEXS standards)

Resources:

<https://www.niem.gov/>

Accepted file formats

Information on the XML and CSV file formats may be obtained by contacting the STOP Team.

Data transfer methods provided by the STOP Solution

- FTP – CSV files containing one or more STOP records are sent to the STOP Solution through a TLS encrypted FTP connection.
- Web Service – A web service is available for the sending of NEIM Compliant XML data files.

Data entry methods provided by the STOP Solution

- Web Form
- Android Mobile App
- iOS (iPhone) Mobile App

Data retrieval methods supported by the STOP Solution

A web based reporting tool is provided to retrieve STOP data. Individual Law Enforcement Agencies can export their data in XML and CSV formats (CSV files can be easily imported into Excel).

Appendix A – Stop Data Elements

List of data elements & values

Law Enforcement Agency Name - Derived/Entered – ORI Codes are used to represent law enforcement agencies.

Agency ORI	Agency Name	Agency ORI	Agency Name
OR0220100	ALBANY POLICE DEPARTMENT	OR0180500	MALIN POLICE DEPARTMENT
OR0360700	AMITY POLICE DEPARTMENT	OR0290500	MANZANITA DEPARTMENT OF PUBLIC SAFETY
OR0150100	ASHLAND POLICE DEPARTMENT	OR0240000	MARION COUNTY SHERIFFS OFFICE
OR0040100	ASTORIA POLICE DEPARTMENT	OR0360100	MCMINNVILLE POLICE DEPARTMENT
OR0241200	AUMSVILLE POLICE DEPARTMENT	OR0150400	MEDFORD POLICE DEPARTMENT
OR0010100	BAKER CITY POLICE DEPARTMENT	OR0180300	MERRILL POLICE DEPARTMENT
OR0010000	BAKER COUNTY SHERIFFS OFFICE	OR0300200	MILTON FREEWATER POLICE DEPARTMENT
OR0060100	BANDON POLICE DEPARTMENT	OR0030500	MILWAUKIE POLICE DEPARTMENT
OR0340100	BEAVERTON POLICE DEPARTMENT	OR0030600	MOLALLA POLICE DEPARTMENT
OR0090100	BEND POLICE DEPARTMENT	OR0270300	MONMOUTH POLICE DEPARTMENT
OR0020000	BENTON COUNTY SHERIFFS OFFICE	OR0250000	MORROW COUNTY SHERIFFS OFFICE
OR0090400	BLACK BUTTE POLICE DEPARTMENT	OR0240800	MT ANGEL POLICE DEPARTMENT
OR0250400	BOARDMAN POLICE DEPARTMENT	OR0260000	MULTNOMAH COUNTY SHERIFFS OFFICE
OR0080100	BROOKINGS POLICE DEPARTMENT	OR0100200	MYRTLE CREEK POLICE DEPARTMENT
ORDIT0000	BURNS PAIUTE TRIBAL PD	OR0060500	MYRTLE POINT POLICE DEPARTMENT
OR0130100	BURNS POLICE DEPARTMENT	OR0360200	NEWBERG-DUNDEE POLICE DEPARTMENT
OR0151000	BUTTE FALLS POLICE DEPARTMENT	OR0210200	NEWPORT POLICE DEPARTMENT
OR0030100	CANBY POLICE DEPARTMENT	OR0060600	NORTH BEND POLICE DEPARTMENT
OR0040500	CANNON BEACH POLICE DEPARTMENT	OR0340800	NORTH PLAINS POLICE DEPARTMENT
OR0360500	CARLTON POLICE DEPARTMENT	OR0230100	NYSSA POLICE DEPARTMENT
OR0150200	CENTRAL POINT POLICE DEPARTMENT	OR0200500	OAKRIDGE POLICE DEPARTMENT
OR0030000	CLACKAMAS COUNTY SHERIFFS OFFICE	OR0230200	ONTARIO POLICE DEPARTMENT
OR0040000	CLATSOP COUNTY SHERIFF OFFICE	OR0030700	OREGON CITY POLICE DEPARTMENT
OR0200700	COBURG POLICE DEPARTMENT	OR0SP0000	OREGON DEPARTMENT OF STATE POLICE
OR0050600	COLUMBIA CITY POLICE DEPARTMENT	OR0261500	OREGON HEALTH AND SCIENCE UNIVERSITY
OR0050000	COLUMBIA COUNTY SHERIFF OFFICE	OR0130300	PAIUTE TRIBAL POLICE DEPARTMENT
ORDI06000	COLUMBIA RIVER INTERTRIBAL FISH COMMISS	OR0300300	PENDLETON POLICE DEPARTMENT
OR0110200	CONDON POLICE DEPARTMENT	OR0020200	PHILOMATH POLICE DEPARTMENT
OR020IG00	CONF TRIBES COOS, LOWER UMPQUA & SIUSLAW	OR0150500	PHOENIX POLICE DEPARTMENT
OR0060200	COOS BAY POLICE DEPARTMENT	OR0300700	PILOT ROCK POLICE DEPARTMENT
OR0060000	COOS COUNTY SHERIFFS OFFICE	OR0270000	POLK COUNTY SHERIFFS OFFICE
OR0060300	COQUILLE POLICE DEPARTMENT	OR0260300	PORT OF PORTLAND POLICE DEPARTMENT
OR0061000	COQUILLE TRIBAL POLICE DEPARTMENT	OR0080300	PORT ORFORD POLICE DEPARTMENT

OR0020100	CORVALLIS POLICE DEPARTMENT	OR0260200	PORTLAND POLICE BUREAU
OR0200100	COTTAGE GROVE POLICE DEPARTMENT	OR0261800	PORTLAND STATE UNIVERSITY PUBLIC SAFETY
OR0070000	CROOK COUNTY SHERIFFS OFFICE	OR0060700	POWERS POLICE DEPARTMENT
OR0080000	CURRY COUNTY SHERIFFS OFFICE	OR0070100	PRINEVILLE POLICE DEPARTMENT
OR0270100	DALLAS POLICE DEPARTMENT	OR0050200	RAINIER POLICE DEPARTMENT
OR0090000	DESCHUTES COUNTY SHERIFFS OFFICE	OR0090200	REDMOND POLICE DEPARTMENT
OR0100000	DOUGLAS COUNTY SHERIFFS OFFICE	OR0100300	REEDSPORT POLICE DEPARTMENT
OR0150700	EAGLE POINT POLICE DEPARTMENT	OR0290300	ROCKAWAY POLICE DEPARTMENT
OR0320100	ENTERPRISE POLICE DEPARTMENT	OR0150900	ROGUE RIVER POLICE DEPARTMENT
OR0200200	EUGENE POLICE DEPARTMENT	OR0100500	ROSEBURG POLICE DEPARTMENT
OR0200300	FLORENCE POLICE DEPARTMENT	OR0240200	SALEM POLICE DEPARTMENT
OR0340200	FOREST GROVE POLICE DEPARTMENT	OR0030800	SANDY POLICE DEPARTMENT
OR0040200	GEARHART POLICE DEPARTMENT	OR0050400	SCAPPOOSE POLICE DEPARTMENT
OR0240600	GERVAIS POLICE DEPARTMENT	OR0040300	SEASIDE POLICE DEPARTMENT
OR0110000	GILLIAM COUNTY SHERIFFS OFFICE	OR0280000	SHERMAN COUNTY SHERIFFS OFFICE
OR0030300	GLADSTONE POLICE DEPARTMENT	OR0340600	SHERWOOD POLICE DEPARTMENT
OR0080200	GOLD BEACH POLICE DEPARTMENT	OR0240300	SILVERTON POLICE DEPARTMENT
ORDI01400	GRAND RONDE TRIBAL POLICE	OR0200600	SPRINGFIELD POLICE DEPARTMENT
OR0120000	GRANT COUNTY SHERIFFS OFFICE	OR0050300	ST HELENS POLICE DEPARTMENT
OR0170100	GRANTS PASS DEPARTMENT OF PUBLIC SAFETY	OR0300800	STANFIELD POLICE DEPARTMENT
OR0260100	GRESHAM POLICE DEPARTMENT	OR0240400	STAYTON POLICE DEPARTMENT
OR0130000	HARNEY COUNTY SHERIFFS OFFICE	OR0090500	SUNRIVER POLICE DEPARTMENT
OR0300100	HERMISTON POLICE DEPARTMENT	OR0100600	SUTHERLIN POLICE DEPARTMENT
OR0340300	HILLSBORO POLICE DEPARTMENT	OR0220400	SWEET HOME POLICE DEPARTMENT
OR0130200	HINES POLICE DEPARTMENT	OR0150600	TALENT POLICE DEPARTMENT
OR0140000	HOOD RIVER COUNTY SHERIFFS OFFICE	OR0330100	THE DALLES POLICE DEPARTMENT
OR0140200	HOOD RIVER POLICE DEPARTMENT	OR0340400	TIGARD POLICE DEPARTMENT
OR0240700	HUBBARD POLICE DEPARTMENT	OR0290000	TILLAMOOK COUNTY SHERIFFS OFFICE
OR0270200	INDEPENDENCE POLICE DEPARTMENT	OR0290400	TILLAMOOK POLICE DEPARTMENT
OR0150000	JACKSON COUNTY SHERIFFS OFFICE	OR0210300	TOLEDO POLICE DEPARTMENT
OR0150300	JACKSONVILLE POLICE DEPARTMENT	OR0341200	TUALATIN POLICE DEPARTMENT
OR0160000	JEFFERSON COUNTY SHERIFF OFFICE	OR0241000	TURNER POLICE DEPARTMENT
OR0120200	JOHN DAY POLICE DEPARTMENT	OR0300000	UMATILLA COUNTY SHERIFFS OFFICE
OR0170000	JOSEPHINE COUNTY SHERIFFS OFFICE	OR0300400	UMATILLA POLICE DEPARTMENT
OR0200400	JUNCTION CITY POLICE DEPARTMENT	OR0301200	UMATILLA TRIBAL POLICE DEPARTMENT
OR0241700	KEIZER POLICE DEPARTMENT	OR0310000	UNION COUNTY SHERIFFS OFFICE
OR0341100	KING CITY POLICE DEPARTMENT	OR0310000	UNION COUNTY SHERIFFS OFFICE
OR0180000	KLAMATH COUNTY SHERIFFS OFFICE	OR0201300	UNIVERSITY OF OREGON POLICE DEPARTMENT
OR0180100	KLAMATH FALLS POLICE DEPARTMENT	OR0050500	VERNONIA POLICE DEPARTMENT
OR0310100	LA GRANDE POLICE DEPARTMENT	OR0320000	WALLOWA COUNTY SHERIFFS OFFICE
OR0190000	LAKE COUNTY SHERIFFS OFFICE	OR0160300	WARM SPRINGS POLICE DEPARTMENT

OR0030400	LAKE OSWEGO POLICE DEPARTMENT	OR0040400	WARRENTON POLICE DEPARTMENT
OR0190100	LAKEVIEW POLICE DEPARTMENT	OR0330000	WASCO COUNTY SHERIFFS OFFICE
OR0200000	LANE COUNTY SHERIFFS OFFICE	OR0340000	WASHINGTON COUNTY SHERIFFS OFFICE
OR0220300	LEBANON POLICE DEPARTMENT	OR0030900	WEST LINN POLICE DEPARTMENT
OR0210100	LINCOLN CITY POLICE DEPARTMENT	OR0350000	WHEELER COUNTY SHERIFFS OFFICE
OR0210000	LINCOLN COUNTY SHERIFFS OFFICE	OR0100700	WINSTON POLICE DEPARTMENT
OR0220000	LINN COUNTY SHERIFFS OFFICE	OR0240500	WOODBURN POLICE DEPARTMENT
OR0160200	MADRAS POLICE DEPARTMENT	OR0360000	YAMHILL COUNTY SHERIFFS OFFICE
OR0230000	MALHEUR COUNTY SHERIFFS OFFICE	OR0360800	YAMHILL POLICE DEPARTMENT

Stop Date - Any standard date format is acceptable. (i.e. MM/DD/YYYY)

Stop Time - Any standard time format is acceptable.

Location - Law Enforcement Agencies are encouraged to send as much location information as possible.

County – The County the stop occurred in. The STOP Solution accepts the following County values:

County Code	County Name	County Code	County Name	County Code	County Name
BK	Baker	HA	Harney	MR	Morrow
BE	Benton	HR	Hood River	ML	Multnomah
CK	Clackamas	JC	Jackson	PK	Polk
CL	Clatsop	JE	Jefferson	SH	Sherman
CO	Columbia	JO	Josephine	TL	Tillamook
CS	Coos	KL	Klamath	UM	Umatilla
CR	Crook	LK	Lake	UN	Union
CU	Curry	LA	Lane	WL	Wallowa
DC	Deschutes	LC	Lincoln	WS	Wasco
DO	Douglas	LN	Linn	WA	Washington
GL	Gilliam	MH	Malheur	WH	Wheeler
GR	Grant	MN	Marion	YM	Yamhill

The other location data fields accepted by the STOP Solution are:

- Geocode/State Plane
- Address Full
- Street Address Full
- Street Number
- Street Name
- Street Pre-Directional
- Street Post-Directional
- Street Extension
- City Name
- State
- Postal Code
- Intersection 1
- Intersection 2
- Highway Name
- Highway Direction
- Mile Post
- Landmark
- Community Name
- Block ID
- Tract ID

Subject Perceived Prior to Stop - *Derived/Entered* - Valid values are:

Subject Perceived Prior to Stop Code	Search Conducted Description
N	No
Y	Yes

Perceived Race/Ethnicity - Valid values are:

Race/Ethnicity Code	Race/Ethnicity Description
A	Asian
B	Black or African American
H	Hispanic or Latino
N	American Indian or Alaska Native
M	Middle Eastern
P	Native Hawaiian or Other Pacific Islander
W	White

***Do not ask the subject to declare Race/Ethnicity**

Age - *Derived/Entered* - This element can be sent as a number or as a date of birth.

Sex - *Derived/Entered* - Valid values are:

Sex Code	Sex Description
M	Male
F	Female
X	Non-Binary

Nature of Stop - *Derived/Entered* - Valid values are:

Nature of Stop
Traffic
Pedestrian

Statutory Citation - *Derived/Entered* - Valid values are:

Statutory Citation	Notes
ORS Code	Either the value "ORS Code" can be sent or a specific ORS Code can be sent.
Municipal Criminal	
Municipal Traffic	
Other-County Ordinance	

Statutory Citation Code - *Derived/Entered* - An ORS code is preferred. Otherwise valid values are:

Statutory Citation	Notes
<Specific ORS Code>	A specific ORS Code should be sent.

Disposition - *Derived/Entered* - Valid values are:

Disposition
None
Warning
Citation
Physical Custody Arrest
Juve Summons

Search Conducted - *Derived/Entered* - Valid values are:

Search Conducted Code	Search Conducted Description
N	No
Y	Yes

Search Type - *Derived/Entered* – Select all that apply. Valid values are:

Search Type	Notes
No Search	Only valid when Search Conducted is No
Consent Search Denied	Only valid when Search Conducted is No
Consent Search	Only valid when Search Conducted is Yes
Other Search	Only valid when Search Conducted is Yes

Search Findings - *Derived/Entered* – Select all that apply. Valid values are:

Search Findings
Nothing
Alcohol
Drugs
Other Evidence
Other/Not-Evidence
Stolen Property
Weapons

Physical Custody Arrest Made - *Derived/Entered* - Valid values are:

Physical Custody Arrest Made Code	Physical Custody Arrest Made Description
N	No
Y	Yes

Home Zip Code (optional, but preferred) - *Derived/Entered* - Any standard zip code format is acceptable. (i.e. ##### or #####-####)