

Kauai County E9-1-1 Status Report

July 1, 2025 – July 31, 2025



Kauai County E9-1-1 Status Report

July 1, 2025 - July 31, 2025

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1. PSAP OPERATIONS

9-1-1 CALL VOLUME – JULY 2025

(Source :) Intrado ECATS system

9-1-1 Call Volume																	
KAUAI PSAP		Wireline		Wireless				VOIP		Calls With No ALI/No COS		Admin Calls		Abandoned Calls		Other Calls	
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI No COS	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other	% of Total Calls
JULY	2,987	114	3.82%	2,288	76.60%	6.03%	93.97%	105	3.52%	33	1.10%	0	0.00%	447	14.96%	0	0.00%

*911 Calls with No Ali or “No Class of Service” for July 2025 = 1.10% - Statewide average for 2024 = 0.42%

9-1-1 CALL VOLUME – CALENDAR YEAR 2025

9-1-1 Call Volume																	
KAUAI PSAP		Wireline		Wireless				VOIP		Calls With No ALI/No COS		Admin Calls		Abandoned Calls		Other Calls	
2025	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI No COS	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other	% of Total Calls
JAN	2,771	137	4.94%	2,095	75.60%	11.93%	88.07%	163	5.88%	67	2.42%	0	0.00%	307	11.08%	0	0.00%
FEB	2,522	139	5.51%	1,928	76.45%	8.87%	91.13%	120	4.76%	41	1.63%	1	0.04%	292	11.58%	0	0.00%
MAR	2,642	141	5.34%	1,995	75.51%	6.02%	93.98%	121	4.58%	46	1.74%	0	0.00%	338	12.79%	0	0.00%
APR	1,832	80	4.37%	1,273	69.49%	7.15%	92.85%	69	3.77%	51	2.78%	0	0.00%	355	19.38%	0	0.00%
MAY	2,712	135	4.98%	2,033	74.96%	6.49%	93.51%	120	4.42%	77	2.84%	0	0.00%	346	12.76%	1	0.00%
JUNE	2,701	90	3.33%	2,118	78.42%	5.19%	94.81%	112	4.15%	75	2.78%	0	0.00%	306	11.33%	0	0.00%
JULY	2,987	114	3.82%	2,288	76.60%	6.03%	93.97%	105	3.52%	33	1.10%	0	0.00%	447	14.96%	0	0.00%
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	18,167	836		13,730				810		390		1		2,391		1	
MON AVG	2,595	119	4.61%	1,961	75.29%	7.38%	92.62%	116	4.44%	56	2.18%	0	0.01%	342	13.41%	0	0.00%

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PSAP OPERATION NOTES:

- Abandoned Calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered.
- Abandoned Calls are included in the total Wireline and Wireless counts respectively.
- All VoIP (Voice over Internet Protocol) types of 911 calls are combined in the Call Volume statistic.
- **A New Class of Service (COS): FIXD** = Wireless 911 calls to the PSAP via fixed **indoor** antennas.
- x (911) call with the COS of FIXD were added to the Wireless Phase I (WPH 1) percentage total.
- **A New Class of Service (COS): WDL1/WDL2** = Wireless 911 calls to the PSAP via fixed **indoor** antennas with a general location i.e., pool area (WDL1) or a specific area i.e., room 101 (WDL2).
- 1 (911) call with the COS of WDL1, or WDL2 were added to the Wireless Phase I or Phase II percentage total.

FOR YOUR INFORMATION

FYI.....For Your Information										
PSAP Operations										
Statewide 911 Call Volumes										
PSAP	2024		2023		2022		2021		2020	
Oahu Civilian	974,278	73.07%	988,670	68.33%	971,113	69.45%	1,052,026	68.91%	991,016	71.11%
RDC Pearl Harbor	25,072	1.88%	36,916	2.55%	31,827	2.28%	39,253	2.58%	37,014	2.66%
Hawaii County	182,298	13.67%	207,715	14.35%	199,811	14.29%	214,220	14.00%	188,329	13.51%
Maui County	111,385	8.35%	152,397	10.54%	140,524	10.05%	160,241	10.51%	125,626	9.01%
Kauai County	40,310	3.03%	61,197	4.23%	54,923	3.93%	60,986	4.00%	51,653	3.71%
Total	1,333,343	100.00%	1,446,895	100.00%	1,398,198	100.00%	1,526,726	100.00%	1,393,638	100.00%

911 Call Volume % decrease from 2023 to 2024	
Oahu	-1.46%
RDC	-32.08%
Hawaii	-12.24%
Maui	-26.91%
Kauai	-34.13%
State of Hawaii	-21.36%

911 Calls with No ALI % average for 2024	
Oahu	0.99%
RDC	0.01%
Hawaii	0.15%
Maui	0.19%
Kauai	0.74%
State of Hawaii average	0.42%

State of Hawaii 2024	
TEXT TO 911	
Oahu Civilian	3,146
RDC Pearl Harbor	39
Hawaii County	1,186
Maui County	408
Kauai County	276
*Total	5,055
*Totals may include PSAP training, testing, and 911 Texting errors	

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TEXT TO 911 – CURRENT MONTH – JULY 2025

TEXT TO 911 Kauai County 2025	
Month	Total received
January	33
February	39
March	51
April	61
May	47
June	35
July	64
August	
September	
October	
November	
December	
YTD	330
Monthly Avg.	47.1

NOTE:

- Although there is a “Text to 911” plot on the MapFlex, the location of the plot is not dependable. Text to 911 Dispatchers should use their skills to ascertain the exact location of the emergency response.

WIRELESS PSAP TESTING – JULY 2025

KAUAI COUNTY - JULY 2025						
Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail	Comments:

NOTES:

- There were no (0) scheduled Wireless 911 tests for the month of July 2025.

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2. MSAG (MASTER STREET ADDRESS GUIDE)

MSAG TRANSACTIONS CURRENT MONTH/YEAR – JULY 2025

KAUAI COUNTY	9-1-1 TRANSACTIONS								Customer Addresses Affected
	Total	Dispatchable Location Transactions Submitted	MSAG	ALI Submitted		Open ALI Discrepancy Records			
2025		DL (A)	MSAG (B)	TN CR (C)	ALI DR (D)	TNCR	ALI DR	VoIP DR	
JANUARY	124	123	1	0	0	683	0	0	0
FEBRUARY	56	55	1	0	0	568	0	0	0
MARCH	82	82	0	0	0	539	0	0	0
APRIL	504	502	2	0	0	461	0	0	0
MAY	177	176	1	0	0	491	0	0	5
JUNE	61	55	6	0	0	485	0	0	40
JULY	105	105	0	0	0	485	0	0	0
AUGUST									
SEPTEMBER									
OCTOBER									
NOVEMBER									
DECEMBER									
TOTAL YTD	1,109	1,098	11	0	0				45
AVG PER MONTH	158	157	2	0	0	530	0	0	6

*TNCR Note

Definitions

(A) **Dispatchable Location** - is defined in the FCC 15-9 Docket as the verified or corroborated street address of the calling party plus additional information such as floor, suite, apartment or similar information that may be needed to adequately identify the location of the calling party. Please see Dispatchable Location Section for more information.

(B) **Master Street Address Guide** - Represents corrections made to street records including, street names, address ranges, MSAG Communities and ESNs.

(C) **Telephone Number Change Request** - Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN 499 attached to them which indicates the need for validation.

(D) **Automatic Location Information Discrepancy Record** - Represents an address discrepancy discovered during a live 9-1-1 call, from a landline OR a VoIP phone. These record corrections are treated with a higher priority and should be processed within 48 hours if wireline, and 72 hours if a VoIP phone, as a general guideline.

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MSAG CURRENT MONTH NOTES:

A total of **105** MSAG transactions were processed in 9-1-1 Net during the current month. No requests were processed relating to the MSAG database. Changes can include: changes to high – low street ranges, combining street records, deletion of invalid records, splitting street records to align with Police, Fire, EMS, and inserting new MSAG records.

There were **zero** customer ANI/ALI (telephone number/address) records updated as a direct result.

TELEPHONE RECORD (ALI) TRANSACTIONS CURRENT MONTH NOTES:

V2X processed **105** TN CRs related to the Dispatchable Location Project during the current month.

OPEN TELEPHONE RECORD (ALI) DISCREPANCY STATUS:

- **There are currently 485 Open TN CRs.**

Four hundred and eighty-five (**485**) Open TN CR transactions are a result of the Dispatchable Location project. V2X continues to monitor and track the progress of the Referred records. Once a telephone number is submitted to Intrado for correction, it must be verified against HT records and/or approved by the customer. Intrado's internal process requires calling each telephone customer individually for approval to update an address in the 9-1-1 database.

- **There are currently no Open ALI-DRs as of July 31, 2025**
- **There are currently no Open VoIP DRs as of July 31, 2025**

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TNCR (TELEPHONE NUMBER CHANGE REQUEST) CURRENT STATUS – JULY 2025

NOTE:

- 9-1-1 NET is a secure web-based application that provides access to request changes to the MSAG, ALI, TN, and ESN/ELT data supported and maintained by Intrado for the Telephone Company (TelCo).
- TNCRs are not requests to change Telephone Numbers (TNs); however, it is a corrective process within 9-1-1 NET to modify location information associated with an Automatic Location Identification (ALI) record to a valid MSAG address for 9-1-1 purposes.

PSAP 9-1-1 Telephone Number Location Change Request (Telephone Number Change Request (TNCR) Status)				
PSAP	TOTAL TNCR RECORDS SUBMITTED BY V2X	OPENED TNCRS PENDING FURTHER ACTION BY INTRADO	OPENED TNCRS REFERRED TO TELCO BY INTRADO	TOTAL UNOPENED TNCR RECORDS
KAUAI	485	0	334	151

STATUS
<u>TOTAL TNCRs SUBMITTED</u> - The total number of TNCR requests for modification that have been submitted in 9-1-1 NET.
<u>PENDING STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and are pending investigation whether the request is valid or invalid, and/or whether the request requires additional information to validate.
<u>REFERRED STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and the request requires additional information to validate. The Intrado Data Analysts assigns this status to a TNCR and the request is referred to the telephone service providers for further research.
<u>TOTAL UNOPENED TNCR RECORDS STATUS</u> - The request is submitted by V2X on behalf the PSAP; however, processing by the 9-1-1 Database Service Provider Data Analyst has not begun.

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DISPATCHABLE LOCATION – STATUS AS OF – JULY 2025

NARRATIVE:

During the August 2015 State of Hawaii 911 Board meeting, V2X provided a “State of Hawaii PSAPs Proposed ALI Compliance with FCC 15-9” presentation. Based on the 9-1-1 Board’s confirmation to add the “Dispatchable Location” information into the ALI database, V2X researched the format standards of each pertinent field and tested the delivery of the data to the PSAP. After a few configuration adjustments (eliminating the TelCo comments field from appearing on the ALI Screen), V2X standardized an additional information data format to proceed with this project. During the month of August 2015, V2X started a pilot project, entering additional location information into a verified MSAG address with multiple telephone numbers. Specifically, the **Kukui Grove Center at 302600 Kaumualii Hwy, Lihue**. The “Dispatchable Location” data is entered into the “Driving Directions” field in the 9-1-1 Net system and will display on the Viper Power 911 ALI Screen in the “Exact” field should a 911 call be received from that telephone number. 105 transactions were submitted, and 105 transactions were processed by Intrado in July 2025.

Dispatchable Location			
2025	Common Name Place MSAG Address	TNCR Transactions Submitted	Transactions Processed
Quarter 3			
Quarter 2 Carryover		17,623	16,709
July	Transportation Security Admin, 4280 Rice St, Lihue	105	105
August			
September			
Q3		105	105
Total		17,728	16,814

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SPECTRUM (CHARTER) 9-1-1 VOIP DATABASE VERIFICATION PROJECT - JULY 2025

V2X received the Automatic Location Identification (ALI) records from Spectrum (formally known as Charter Communications) which is the predominant Voice over Internet Protocol (VoIP) provider in the State of Hawaii. As V2X has access to these ALI Records, V2X is researching and verifying the VoIP records against an MSAG valid address and the GIS data. This research is a validation of the ALI Record to ensure that the location provided by the VoIP provider matches the GIS Information utilized by the Public Safety Agencies within their specific County 9-1-1 Service Area. This validation reduces the potential of address or location dispute during a 9-1-1 call.

The analysis of the database records indicates that there are invalid MSAG addresses utilized by the VoIP Provider. These records are being identified and will be sent back to Spectrum for corrective action.

*Spectrum (Charter) 9-1-1 VoIP Database Verification Project					
PSAP	TOTAL RECORDS SUBMITTED BY SPECTRUM (A)	TOTAL RECORDS MATCHING & VERIFIED WITH 911 DATABASES (B)	TOTAL RECORDS NOT MATCHING	NON MATCHING RECORDS CORRECTED BY V2X FORMERLY AKIMEKA (C)	PERCENT COMPLETED
HAWAII County	22,044	21,638 (98%)	406	406	100.00%
KAUAI County	8,936	8,695 (97%)	241	241	100.00%
MAUI County	18,256	17,517 (96%)	739	739	100.00%
OAHU Civilian	87,414	85,329 (98%)	2,085	2,085	100.00%
OAHU Military	3,663	710 (19%)	2,953	2,953	100.00%
TOTAL	140,313	**133,889	6,424	6,424	100.00%

* Spectrum VoIP Database received on June 21st, 2017

** V2X provided VoIP Records with Latitude/Longitude coordinates.

(A)	VoIP Database records submitted by Spectrum to V2X for research and MSAG address validation.
(B)	V2X has researched and verified the VoIP record against an MSAG valid address and GIS data. V2X is tracking corrections needed to be performed by Spectrum. Addressing data will be updated or added in the GIS if the VoIP record is determined to be valid.
(C)	Verification Process Completed.

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BANDWIDTH 9-1-1 VOIP DATABASE VERIFICATION PROJECT – JULY 2025

V2X received the Automatic Location Identification (ALI) records from Bandwidth which is a Voice over Internet Protocol (VoIP) provider in the State of Hawaii. As V2X has access to these ALI Records, V2X researched and verified the VoIP records against an MSAG valid address and the GIS data. This research is a validation of the ALI Record to ensure that the location provided by the VoIP provider matches the GIS Information utilized by the Public Safety Agencies within their specific County 9-1-1 Service Area. This validation reduces the potential of address or location dispute during a 9-1-1 call.

The analysis of the database records indicates that there were invalid MSAG addresses utilized by the VoIP Provider. These records were identified and sent back to Bandwidth for corrective action.

V2X will update the chart below as we receive updated ALI records from Bandwidth.

*Bandwidth 9-1-1 VoIP Database Verification Project *** (Updated)					
PSAP	TOTAL RECORDS SUBMITTED BY BANDWIDTH (A)	TOTAL NO MATCHING RECORDS IDENTIFIED BY V2X (FORMERLY AKIMEKA)	BANDWIDTH FALLOUT RECORDS (B)	NON MATCHING RECORDS CORRECTED BY V2X (FORMERLY AKIMEKA) (C)	PERCENT COMPLETED
HAWAII County	2,126	97	16	106	93.81%
KAUAI County	555	75	3	73	93.59%
MAUI County	1,794	60	14	69	93.24%
OAHU Civilian	12,898	1,556	44	1,590	99.38%
OAHU Military	173	156	11	163	97.60%
TOTAL	17,546	1,944	88	2,001	95.52%

*Bandwidth VoIP Database received on April 5th, 2018

**Updated Bandwidth VoIP Database received on September 6th, 2018

*** Updated Bandwidth VoIP Database received on October 1st, 2021

(A)	VoIP Database records submitted by Bandwidth to V2X for research and MSAG address validation.
(B)	VoIP records identified by Bandwidth as fallout records. These records contain invalid MSAG addressing information which can include house number, street name/suffix, or MSAG community.
(C)	Verification Process Completed.

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3. GEOGRAPHIC INFORMATION SYSTEM (GIS) – JULY 2025

MAPPING LAYERS UPDATED (PART I)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Address Points	7/24/2025 To 7/31/2025	Next Delivery 8/7/2025
		Spatially corrected six (6) records in Omao
		Updated routing ID for one (1) record in Wailua
		Spatially corrected, updated routing ID for one (1) record in Omao
		Added address for one (1) record in Wailua
	7/10/2025 To 7/23/2025	Delivered 7/24/2025
		Spatially corrected eight (8) records in Waipouli
		Spatially corrected one (1) record in Kilauea
		Updated routing ID for seven (7) records in Kapaa
		Updated routing ID for thirteen (13) records in Wailua
		Spatially corrected nine (9) records in Wailua
		Spatially corrected, updated routing ID for one (1) record in Waipouli
		Updated routing ID for thirty-two (32) records in Waipouli
		Spatially corrected one (1) record in Kapaa
		Updated routing ID for one (1) record in Kekaha
		Added address for two (2) records in Wailua
		Updated routing ID for four (4) records in Kilauea
		Updated routing ID for four (4) records in Kalaheo
	7/1/2025 To 7/9/2025	Delivered 7/10/2025
		Added address for one (1) record in Kekaha
		Corrected location name for two (2) records in Kapaa
		Added routing ID for one (1) record in Kalaheo

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MAPPING LAYERS UPDATED (PART II)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Address Points	7/1/2025 To 7/9/2025	Corrected location name for one (1) record in Koloa
		Removed location name for one (1) record in Kekaha
		Updated routing ID for thirteen (13) records in Kalaheo
Airports		
Bridges		
Building Footprints		
Bus Stops		
Churches		
Coastal Names		
Coastline		
Common Places		
Correctional Facilities		
Emergency Callboxes		
Emergency Operation Centers		
Emergency Shelters		
ESZ/ESN		
Fire Beats		
Fire Districts		
Fire Response Areas		
Fire Stations		
Food & Beverage		
Gas Stations		

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MAPPING LAYERS UPDATED (PART III)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Gate Codes		
Government Buildings		
Harbors		
Helipads		
Hiking Trails		
Hospitals		
Hydrants		
Hyrdology Layers		
Incident Response Areas		
Lodging		
Major Roads		
Medic Beats	7/1/2025 To 7/9/2025	Delivered 7/10/2025
		Added boundary for one (1) record
		Modified boundary for two (2) records
Medic Districts		
Medic Response Areas		
Medic Stations		
Medical Facilities		
Milepost Markers		
MSAG Communities		
Net Junctions		
Ocean Rescue Boundaries		
Ocean Safety		

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MAPPING LAYERS UPDATED (PART IV)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Parcels		
Parks		
Parks Polygon		
Points of Interest	7/1/2025 To 7/9/2025	Delivered 7/10/2025
		Corrected class, corrected POI name for one (1) record in Koloa
		Corrected POI name for two (2) records in Kapaa
		Added POI for one (1) record in Kekaha
		Updated address for one (1) record in Kekaha
Police Beats		
Police Districts		
Police Response Areas		
Police Stations		
Post Offices		
Schools		
Street Centerlines	7/24/2025 To 7/31/2025	Next Delivery 8/7/2025
		Added street centerline for two (2) records in Princeville
		Split centerline, modified range for two (2) records in Olokele
		Added street centerline for five (5) records in Pakala
		Added street centerline for one (1) record in Hanalei
		Added street centerline for four (4) records in Kapaa
		Split street centerline, modified range for twenty (20) records in Kalaheo
		Split centerline, modified name two (2) records in Hanalei
Split street centerline, modified range for four (4) records in Wailua		

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MAPPING LAYERS UPDATED (PART V)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Street Centerlines	7/24/2025 To 7/31/2025	Split street centerline, modified range for two (2) records in Lawai
		Split centerline, modified range for twelve (12) records in Waipouli
		Modified range for one (1) record in Lihue
		Added range for five (5) records in Anahola
		Flipped centerline two (2) records in Anahola
		Updated street owner for five (5) records in Poipu
		Split centerline, modified range for five (5) records in Waimea
		Added street centerline for ten (10) records in Waipouli
		Split centerline two (2) records in Pakala
		Added street centerline for thirty-one (31) records in Waimea
		Split centerline, modified range, spatially corrected one (1) record in Lawai
		Spatially corrected, split street name, modified range for two (2) records in Kalaheo
		Spatially corrected, split centerline for three (3) records in Pakala
		Corrected owner for seven (7) records in Princeville
		Split centerline, modified range for two (2) records in Kalihiwai
		Split centerline, spatially corrected one (1) record in Waipouli
		Extended street centerline one (1) record in Wailua
		Modified range for two (2) records in Wailua
		Modified range for three (3) records in Mana
		Added street centerline for fifty-two (52) records in Omao
Split centerline six (6) records in Kokee		

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MAPPING LAYERS UPDATED (PART VI)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Street Centerlines	7/24/2025 To 7/31/2025	Spatially corrected twenty (20) records in Hanamaulu
		Split centerline two (2) records in Kukuiula
		Extended street centerline two (2) records in Kalaheo
		Modified range for one (1) record in Numila
		Split centerline, modified range for nine (9) records in Kalaheo
		Partial spatial correction for one (1) record in Princeville
		Spatially corrected, corrected street name for two (2) records in Kukuiula
		Added street centerline for one hundred and forty-seven (147) records in Kalaheo
		Added street type for one (1) record in Kalaheo
		Added street centerline for six (6) records in Kukuiula
		Split centerline, modified range for nine (9) records in Kokee
		Partial spatial correction for eight (8) records in Poipu
		Modified range for three (3) records in Kalaheo
		Split centerline, modified range for thirty-eight (38) records in Lawai
		Partial spatial correction for one (1) record in Numila
		Added street centerline for one (1) record in Kalihiwai
		Split street name, modified range for one (1) record in Kalaheo
		Added street centerline for sixteen (16) records in Kokee
		Split centerline, modified range for forty-three (43) records in Omao
		Partial spatial correction for four (4) records in Lihue
Split centerline, modified range for five (5) records in Kalaheo		
Spatially corrected eight (8) records in Lawai		

Kauai County E9-1-1 Status Report

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MAPPING LAYERS UPDATED (PART VII)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Street Centerlines	7/24/2025 To 7/31/2025	Spatially corrected one (1) record in Princeville
		Split centerline, modified range for two (2) records in Kekaha
		Split centerline, modified range for two (2) records in Wailua
		Modified range for one (1) record in Eleele
		Modified range for two (2) records in Lawai
		Added street centerline for four (4) records in Wailua
		Split centerline, modified range for two (2) records in Princeville
		Partial spatial correction for three (3) records in Nawiliwili
		Extended segment for one (1) record in Kalaheo
		Added street centerline for nine (9) records in Eleele
		Added street centerline for three (3) records in Kilauea
		Updated range for one (1) record in Waipouli
		Spatially corrected one (1) record in Kekaha
		Spatially corrected eight (8) records in Eleele
		Spatially corrected four (4) records in Kilauea
		Split centerline two (2) records in Omao
		Spatially corrected seven (7) records in Kukuiula
		Updated ID for two (2) records in Kapaa
		Updated range for one (1) record in Lawai
		Split centerline, modified range for three (3) records in Eleele
		Added street centerline for seventy-two (72) records in Lawai
		Partial spatial correction, split street centerline, modified range for three (3) records in Kalaheo

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MAPPING LAYERS UPDATED (PART VIII)

The 9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 and NG9-1-1 systems.

KAUAI COUNTY		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Street Centerlines	7/24/2025 To 7/31/2025	Added street centerline for fourteen (14) records in Lihue
		Split centerline one (1) record in Kilauea
		Spatially corrected, split centerline, modified range for two (2) records in Lawai
		Added street centerline for three (3) records in Hanapepe
		Spatially corrected eighteen (18) records in Wailua
		Added street centerline for six (6) records in Nawiliwili
		Added street centerline for fourteen (14) records in Kekaha
		Modified range for two (2) records in Anahola
		Corrected zipcode for four (4) records in Lawai
		Spatially corrected one (1) record in Anahola
Subdivisions	7/1/2025 To 7/9/2025	Delivered 7/10/2025 Verified address for one (1) record in Kekaha
Tow Jurisdictions		
Tsunami Evacuation Zones		
Tsunami Heights		
Waste Water Plants		
WSP Cell Sectors	7/10/2025 To 7/23/2025	Delivered 7/24/2025 Added eight (8) sectors per Verizon Wireless CRS Updated twenty-seven (27) sectors per Verizon Wireless CRS
WSP Cell Towers		Next Delivery

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NOTE:

- The Parcels layer is provided by Kauai County. V2X performs edits on the spatial information of the layer for 9-1-1 purposes. Changes to the attribute table are made when needed. The Parcels layer uploaded to the PSAP GIS server is intended for 9-1-1 purposes only and should not be disseminated to other county agencies.

GEOGRAPHIC INFORMATION SYSTEM (GIS) NARRATIVES

GIS KEY ACTIVITIES/UPDATES

GIS Key activities include the events such as GIS deliverables, meetings, agreements, etc.

Date	Key Activities/Updates
7/10/2025	Delivered for Spillman CAD: Address Points, Points of Interest, Street Centerlines, Subdivisions, WSP Sectors, WSP Towers.
7/10/2025	Delivered address points with civic addresses and postal communities to Intrado, for upload to SCC
7/24/2025	Delivered for Spillman CAD: Address Points, Points of Interest, Street Centerlines, WSP Sectors, WSP Towers.
7/24/2025	Delivered address points with civic addresses and postal communities to Intrado, for upload to SCC

GIS FOR 911

As part of ensuring GIS data compatibility with 911 CAD systems, V2X removed certain spatial characteristics of street centerlines known as “true curves”. True, or geometric, curves are sometimes used in the street centerline layer to depict a road that curves in a circular (or semi-circular) fashion, like a round-about or a cul-de-sac. These features can cause processing issues in CAD and GIS software and therefore were replaced with a series of points that depict the same geometry without the use of a geometric, or true curve.

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MEDIC 25

The Kauai PSAP activated a new Medic Station in Lihue. The new Medic beat was created in the GIS Medic Beat Boundaries layer and all associated layers that includes the new ESNs (Emergency Service Numbers) were updated accordingly. The new medic beat was also programed into the CAD (Spillman) system to update the unit recommendation function. The 2 new ESNs 454 and 455 were also updated in 911Net for MSAG updates. ESN 454 required 89 MSAG transactions which affected 4,015 customers and ESN 455 required 12 transactions which affected 209 customers.

SPILLMAN PROJECT

The Kauai County Spillman project is considered consistent and has not had any significant issues reported.

MAPFLEX/SCC SYSTEM

July 2025

V2X delivered GIS data to the MapFlex/SCC system on the following dates in July 2025

Hawaii County – July 8, 2025, and July 22, 2025

Maui County – July 9, 2025, July 23, 2025

Kauai County – July 10, and July 24, 2025

Honolulu – July 11, 2025, and July 25, 2025

MAPFLEX ISSUES

The MapFlex issues are archived in the 2021 Monthly Status Report. Should the existing issues be addressed, this report will be reopened and tracked.

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4. SERVICE REQUESTS TRANSACTIONS

OPEN SERVICE REQUESTS – JULY 2025

#	Date	Description	Category	Comments

NOTE:

There are no (0) open service requests for July 2025.

SERVICE REQUEST YEAR-TO-DATE (YTD) SUMMARY – 2025

KAUAI COUNTY				MSAG SERVICE REQUEST CATEGORIES					
2025	TOTAL		Open	WIREFLINE		WIRELESS		VoIP	
	Created	Closed		Created	Closed	Created	Closed	Created	Closed
2024 Carryover*			0						
January	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0
April	1	1	0	0	0	0	0	1	1
May	2	2	0	0	0	0	0	2	2
June	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0
August									
September									
October									
November									
December									
TOTAL	3	3	0	0	0	0	0	3	3
<u>Note:</u>	* The 2024 Carryover row indicates the number of Service Requests that were opened in 2024; however, were brought forward into 2025 in an effort to track the service request until completion.								

Definitions:	Category	Description
	Wireline	Telephone Number (ALI) Discrepancies from land line phones that have been submitted to Intrado via 9-1-1 Net for correction.
	Wireless	Telephone Number (ALI) Discrepancies from phones that were land lines at one time, and were ported out to a wireless carrier. However, the phone number was never removed from the MSAG database.
	VoIP	Received 911 (ALI) Discrepancies from VoIP providers and returned with a valid MSAG address for 911.

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5. E9-1-1 DATABASE SYNCHRONIZATION

(Reference: NENA 71-501, Version 1.1 – NENA Information Document for Synchronizing Geographic Information System databases with MSAG & ALI)

Next scheduled Database Synchronization Report – September 2025

TWO-WAY (2-WAY) COMPARISON

THREE-WAY (3-WAY) COMPARISON

INVALID MSAG STREETS AND ADDRESS RANGES – ESN 499 MSAG & ALI RECORDS
PROJECT COMPLETED