State of Hawaii
Department of Transportation

Tier II
Transit Asset Management
Group Plan

Approved
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ACRONYMS

FAST	Fixing America's Surface Transportation
FTA	Federal Transit Administration
HDOT	Hawaii Department of Transportation
MAP-21	Moving Ahead for Progress in the 21st Century Act
SGR	State of Good Repair
STIP	State Transportation Improvement Plan
TAM	Transit Asset Management
TERM	Transit Economic Requirements Model
ULB	Useful Life Benchmark

INTRODUCTION

Hawaii Department of Transportation
Statewide Transportation Planning Office

Pursuant to 49, U.S.C 5301 et seq. the Hawaii Department of Transportation (HDOT) is the designated recipient and the agency responsible for administering the Federal Transit Administration's (FTA) Sections 5305 (d & e), 5310, 5311, 5329, and 5339 formula grant programs for all areas outside of Hawaii's urbanized areas of Oahu and Maui. The HDOT Statewide Transportation Planning Office (STP) is responsible for ensuring the fair and equitable distribution of FTA funds; announcing the program and availability of funds; developing a process to solicit, review, and approve eligible funding sources; providing management and technical assistance to applicants and grantees; administering and monitoring contracts; and ensuring compliance with federal requirements by all subrecipients.

Mobility is critical to quality of life; these providers offer connectivity to medical, nutrition, education, employment, social, recreation, and commercial services. Approximately 7.70 million trips are provided annually by the 3-fixed route and demand response agencies (Hawaii County, Kauai County and Maui County) eligible or previously eligible for FTA funds administered through STP. With the Moving Ahead for Progress in the 21st Century Act of 2012 (MAP-21) currently, only agencies in Hawaii County, non-urbanized Maui County, and Kauai County apply to the STP for FTA funds needed for rural fixed route transit, demand response and planning and mobility management needs.

MAP-21 also required the Secretary of Transportation to develop rules to establish a system to monitor and manage public transportation assets to improve safety and increase reliability and performance, and to establish performance measures. The Fixing America's Surface Transportation (FAST) Act reaffirmed this requirement. On July 26, 2016, FTA published the Transit Asset Management (TAM) final rule.

TRANSIT ASSET MANAGEMENT

Transit Asset Management (TAM) is the strategic and systematic practice of procuring, operating, inspecting, maintaining, rehabilitating, and replacing transit capital assets to manage their performance, risk, and costs over their life cycles to provide safe, cost-effective, and reliable public transportation. TAM is a business model that prioritizes funding based on the condition of public transportation capital assets to achieve or maintain such assets in a State of Good Repair (SGR).

Purpose of the Transit Asset Management Plan

The purpose of the TAM is to aid the transit agencies in achieving and maintaining a SGR of all public transportation assets in the State of Hawaii. SGR is the condition in which a capital asset is able to operate at a full level of performance. This means that the asset:

1. Is able to perform its designed function
2. Does not pose a known unacceptable safety risk
3. Lifecycle investments have been met or recovered

Federal Law Related to Transit Asset Management

Moving Ahead for Progress in the 21st Century Act (MAP 21) required the Secretary to develop rules to establish a system to monitor and manage public transportation assets to improve safety and increase reliability and performance, and to establish performance measures. The Fixing America's Surface Transportation (FAST) act reaffirmed this requirement. On July 26, 2016, FTA issued a final rule, 49 CFR Part 625, requiring public transportation agencies that receives federal financial assistance under 49 U.S.C. Chapter 53 to develop a TAM plan or be a part of a TAM group plan prepared by a sponsor (HDOT/STP).

The TAM final rule groups transit providers into two classifications:

- **Tier I:** Providers own, operate, or manage rail, 101 or more vehicles across all fixed-route modes, or 101 or more vehicles in one non-fixed route mode.

- **Tier II:** Providers are subrecipients of Section 5311 funds, Section 5310, American Indian Tribe, or own, operate, or manage 100 or less vehicles across all fixed-route modes, or 100 or less vehicles in one non-fixed route mode; Tier II transit providers can submit their own TAM plan or join a TAM group plan.

Required Transit Asset Management Plan Elements

The following sections outline the nine elements of a TAM plan. These nine elements are:

1.	**Asset Inventory** All capital assets a transit provider owns, operates or manages, including those acquired without FTA funds	Tier I & Tier II
2.	**Asset Condition Assessment** Rating of inventoried assets, collected at individual or asset class level	
3.	**Decision-Support Tools (Management Approach)** Analytical processes used to make investment prioritization	
4.	**Investment Prioritization** Ranked list of proposed projects and programs ordered by year of planned implementation	
5.	**Transit Asset Management and State of Good Repair Policy** Public transportation agency's vision, defining, objectives, roles and responsibilities	Tier I only
6.	**Implementation Strategy** Operation level process for implementing TAM plan	
7.	**Key Activities** Actions needed to implement TAM plan for each year of the plan's four-year horizon	
8.	**Summary of Resources** Staff time, funding, technology requirements, etc.	
9.	**Monitoring, Updating, and Evaluation Outline** How TAM activities will be monitored, evaluated and updated to ensure continuous improvement	

Roles and Responsibilities

As a large urban provider, the City and County of Honolulu is the only provider that meets the requirements of a Tier 1 transit provider. Statewide fixed route transit providers and their TAM classification include:

- City & County of Honolulu, Department of Transportation Services; Tier I (individual TAM Plan)
- County of Kauai, Transportation Agency; Tier II (TAM group plan)
- County of Maui, Department of Transportation; Tier II (TAM group plan)
- County of Hawaii, Mass Transit Agency; Tier II (TAM group plan)

Each transit agency must designate an Accountable Executive to ensure that the necessary resources are available to provide ongoing safety review and management of the assets. Upon acceptance of federal assets, Hawaii DOT requires that the individual within an agency who has direct control over these responsibilities be identified. This individual is also responsible for ensuring that all FTA Certifications and Assurances are clearly understood, and that the annual affirmation is signed and submitted back to the Hawaii DOT.

Role	Title	Agency
Transit Asset Management	Celia Mahikoa, Executive on Transportation	Kauai Transportation Agency
Transit Asset Management	Don Medeiros, Director	Maui Department of Transportation
Transit Asset Management	Maria Aranguiz, Mass Transit Administrator	Hawaii Mass Transit Agency

Asset Inventory

TAM plans must include an inventory of capital assets that a public transportation agency owns and operates. The only exception to this inventory is equipment that is not a service vehicle and has an acquisition value over $50,000.

The inventory must include, but is not limited to:

- ***Rolling stock (revenue vehicles)***
  - Heavy-duty buses: 30-, 35-, 40-foot articulated; double decker; 45-foot over the road coaches
  - Medium duty-cutaway: >30' on truck chassis
  - Light-duty cutaway: <30' on van chassis
  - Light-duty: ADA accessible van and minivan
  - Van: 7-, 12- and 15-passenger vanpool vehicles
- ***Facilities***
  - Passenger stations
  - Administrative buildings
  - Operations and maintenance buildings
  - Employee parking garages
  - Park and ride lots
- ***Equipment***
  - Vehicles used to support revenue vehicles
  - Supervisor vehicles
  - Tow trucks

- Service vehicles
- Snow plows

- ***Infrastructure***
  - Catenary systems
  - Signal systems
  - Tracks
  - Power substation

Asset Condition Assessment

TAM plans must include a condition assessment of all items in the public transportation agency's asset inventory. The condition assessment must be detailed enough to allow the agency to monitor and predict the performance of the assets. The condition assessment informs the investment prioritization

Transit Asset Management Methodology

To identify the required performance targets, a condition assessment of each FTA funded asset is required. When conducting a condition assessment, it is important to first identify what factors are considered and what that data entails. Hawaii DOT applied the following criteria to determine the asset condition:

- Asset type
- Useful life
- Useful life benchmark (ULB)
- Transit Economic Requirements Model (TERM)/Rating
- Vehicle mileage
- User rating

Useful life - the expected lifetime of project property or the acceptable period of use in service varies based on vehicle and facility type. The useful life of rolling stock begins on the date the vehicle is placed in revenue service and continues until it is removed from service. While the Hawaii DOT utilizes the FTA standards for determining useful life (see Table 2), the Hawaii DOT adjusted the FTA standard for Useful Life Benchmark (ULB). The adjustment is needed because the FTA useful life standards for mileage and age do not directly correlate to the mileage and age utilized by the plan group to determine the ULB.

Table 2. Useful Life Standards

Vehicle	Approximate GVWR (pounds)	Length (feet)	Seats	Useful Life
Large, heavy-duty transit bus	33,000–40,000	35–40+	35–40	12 years or 500,000 miles
Medium-size heavy-duty transit bus	26,000–33,000	30–35	25–35	10 years or 350,000 miles
Medium-size medium-duty transit bus and truck chassis cutaway	10,000–26,000	25–30	16–30	7 years or 200,000 miles
Medium-size, light-duty bus and van chassis cutaway	10,000–16,000	20–25	12–16	7 years or 150,000 miles
Small light-duty bus, modified vans, modified minivans	6,000–14,000	<20	3–14	5 years or 100,000 miles

While the ULB of a vehicle is utilized to determine the eligibility for vehicle replacement, for the purpose of this plan, FTA has provided guidance to determine the maximum age of an asset—or the point in which an asset enters the SGR backlog. The FTA defines ULB as the expected lifecycle of a capital asset for a particular transit provider's operating environment or the acceptable period of use in service for a particular transit provider's operating environment. The ULB considers a provider's unique operating environment such as geography and service frequency (see Table 3). For the purposes of this plan, the Hawaii DOT has determined the ULB criteria to be utilized in determining the condition of an asset.

Additionally, Hawaii DOT combined FTA's TERM scale (see Table 4) to the existing vehicle mileage for each vehicle type in order apply a rating for the mileage criteria (see Tables 5–9). The TERM scale was also utilized to assess the condition of both facilities and equipment valued over $50,000.

Table 3. Useful Life Benchmark

Vehicle Type	FTA Default ULB (years)
Automobile (AO)	8
Van (VN)	8
Cutaway Bus (CU)	10
Bus (BU)	14

Table 4. FTA's Transit Economic Requirements Model/Facilities and Equipment

Condition	Description	Rating
Excellent	No visible defects, new or near new condition, may still be under warranty if applicable	5
Good	Good condition, no longer new, may be slightly defective or deteriorated; overall functional	4
Adequate	Moderately deteriorated or defective; has not exceeded useful life	3
Marginal	Defective or deteriorated in need of replacement; exceeded useful life	2
Poor	Critically damaged or in need of immediate repair; well past useful life	1

Table 5. Van (ULB 8 Years)

Condition	Mileage	Rating
Excellent	0–25,000	5
Good	25,001–70,000	4.9–3.5
Adequate	70,001–100,000	3.4–2.5
Marginal	100,001–150,000	2.4–1.5
Poor	150,001+	1.4–0

Table 6. Light Duty 25 feet or less (ULB 10 Years)

Condition	Mileage	Rating
Excellent	0–30,000	5
Good	30,001–120,000	4.9–3.5
Adequate	120,001–180,000	3.4–2.5
Marginal	180,001–240,000	2.4–1.5
Poor	240,000+	1.4–0

Table 7. Medium Duty Cutaway

Condition	Mileage	Rating
Excellent	0–40,000	5
Good	40,001–160,000	4.9–3.5
Adequate	160,001–240,000	3.4–2.5
Marginal	240,001–320,000	2.4–1.5
Poor	320,001+	1.4–0

To determine a conditional assessment rating for each vehicle, the ULB, mileage and agency assessment were given a rating. The ratings for each criterion were then weighted (.33) and totaled for the asset condition rating (see Figure 4). Equipment and facilities were rated utilizing the TERM scale (see Table 4).

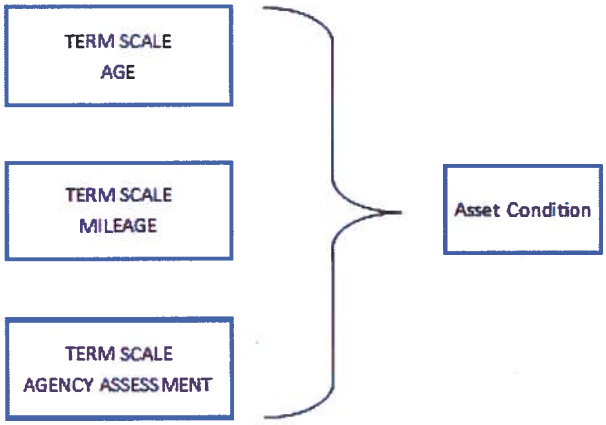
Table 8. Heavy Duty Small Bus (ULB 14 Years)

Condition	Mileage	Rating
Excellent	0–70,000	5
Good	70,001–280,000	4.4–3.5
Adequate	280,001–420,000	3.4–2.5
Marginal	420,001–560,000	2.4–1.5
Poor	560,001+	1.4–0

Table 9. Heavy Duty Large Bus (ULB 14 Years)

Condition	Mileage	Rating
Excellent	0–80,000	5
Good	80,001–370,000	4.9–3.5
Adequate	370,001–570,000	3.4–2.5
Marginal	570,001–710,000	2.4–1.5
Poor	710,000+	1.4–0

Figure 4. Vehicle Condition Methodology



Decision-Support Tools (Management Approach)

TAM plans identify analytical processes or decision-support tools that a public transportation agency intends to use to estimate capital investment needs over time. These analytical processes or decision-support tools may also be used to help the agency develop its investment prioritization.

Investment Prioritization

TAM plans must include a project-based investment prioritization, identifying programs and projects that a public transportation agency has a responsibility to improve or manage. An agency's investment prioritization should rank projects in order of priority and project year. The rankings must be consistent with the agency's TAM policy and strategies. Special consideration should be given to programs and projects that pose a safety risk, and to the estimated funding levels from all available sources in each fiscal year during the TAM plan horizon period.

ASSET PORTFOLIO AND CONDITION ASSESSMENT

Assets included in the Hawaii DOT portfolio include all 5311 FTA funded assets for which each group member has direct responsibility. In total, this 2017 TAM Plan includes 275 vehicles, 5 facilities, and 8 types of equipment (see Tables 10–13). See Appendix A for a complete list of all assets and their condition assessment.

Table 10. Vehicle Condition Assessment

Asset Type	#	Average Year Built	Average Age (years)	% of ULB	Term Scale Age (years)	TERM Mileage (miles)	Agency Assessment (years)	Total Average (rating)	Replacement Cost Range
Large Bus	46	2008	10	71	3.0	3.5	3.7	3.4	$550,000–$1,000,000
Small Bus	4	2012	6	43	4.5	3.0	3.5	3.7	$350,000–$550,000
Cutaway	30	2015	3	30	5.0	4.5	4.3	4.6	$90,000–$200,000
Light Duty	60	2014	4	40	5.0	3.5	3.9	4.1	$90,000–$200,000
Van	4	2012	6	75	3.0	4.5	4.0	3.8	$65,000–$90,000

Table 11. Percent of Vehicles Below the TERM "Adequate" Rating

Asset Type	% < Adequate Condition CY 2017	% > Adequate Condition CY 2017
Large Bus	37	63
Small Bus	25	75
Gutaway	0	100
Light Duty	27	73
Van	0	100

Table 12. Facility Condition Assessment

Asset Type	#	Year Built	Average Age (years)	% of ULB	TERM Scale Age (years)	Agency Assessment (years)	Total Average (rating)
Parking lot	2	2002	16	80	2.0	3.0	2.5
Admin	3	2002	16	40	4.5	4.3	4.4

Table 13. Equipment Condition Assessment

Asset Type	#	Year Built	Average Age (years)	Agency Assessment (years)	Total Average (rating)
Equipment	8	2008	2.5	3.1	2.8

PERFORMANCE TARGETS

The average age for the majority of assets is within their designated ULB and, perhaps most importantly, the average condition rating for each asset type falls within the TERM "above 3.0" rating. The overall condition average for the fleet is a 3.75, approaching "good" on the TERM scale (see Table 10). It should be noted that while the overall score is "adequate" a large percentage of bus and van assets fall below the "adequate" rating (see Table 11). The ratings are low due to continued use beyond the ULB; however, subrecipients continue to replace these assets each year and increase the overall asset condition rating. In addition, interest in vans has increased due to innovation and design improvements in Americans with Disabilities Act accessibility.

Growing demand, competition for funds, and increasing costs require that the HDOT and their subrecipients continue to ensure that assets are maintained in a SGR. Efforts must be made to ensure that assets are adequately maintained throughout their useful life and beyond. Using performance measures will aid in the ongoing management of all assets, will ensure that limited funding is utilized wisely, and will ensure that assets do not put the public's safety in jeopardy.

Performance measures for 2018 include:

- Maintain an overall average for each vehicle category at a 2.0 or better
- Maintain an overall average of 3.0 for all facilities and equipment
- The HDOT group plan participants will maintain an "adequate" rating for all asset categories.

Asset Condition Detail

Rolling Stock Category	Quantity	Condition	TERM Scale	% of Fleet
	0	Poor	≤1	0%
	6	Marginal	≤2	4%
	32	Adequate	≤3	22%
	52	Good	≤4	36%
	54	Excellent	≤5	38%
Facility Category	Quantity	Condition	TERM Scale	% of Fleet
	0	Poor	≤1	0%
	0	Marginal	≤2	0%
	2	Adequate	≤3	40%
	2	Good	≤4	40%
	1	Excellent	≤5	20%
Equipment Category	Quantity	Condition	TERM Scale	% of Fleet
	0	Poor	≤1	0%
	1	Marginal	≤2	12.5%
	4	Adequate	≤3	50%
	3	Good	≤4	37.5%
	0	Excellent	≤5	0%

MANAGEMENT APPROACH

The Hawaii DOT manages the FTA funded programs in accordance with the grant application, FTA Master Agreement, Certifications and Assurances and all applicable laws and regulations. As a pass-through of FTA funds, the Hawaii DOT manages an annual multi-step application process that ranges from the announcement of funds to contracting with subrecipients.

Prioritization and Risk Management

FTA Section 5310 Program

The Section 5310 grant program requires projects to be identified in a Coordinated Public Transit-Human Services Transportation Plan (CSP) developed by a lead local agency. The HDOT completed the statewide CSP, which identifies transportation as the greatest need. As such HDOT utilizes funding for the procurement of vehicles for its 5310 subrecipients. However, because the HDOT does not own or have direct capital responsibility, these vehicles are not part of the HDOT group TAM plan.

Section 5311 and Section 5339

The Hawaii DOT provides guidance to the County transit agencies on the minimum requirements of the coordinated plan process to ensure projects are eligible for FTA grant program funding. Though encouraged to do so, Section 5311 and Section 5339 projects are not required to be part of the coordinated plan. They do, however, need to be part of the *Hawaii Statewide Transportation Improvement Program and Regional Long-Range Transportation Plans*.

In addition to the annual application process, the Hawaii DOT requires that all fixed route transit providers have an adopted capital improvement plan identifying capital projects, approximate costs, and the year of implementation. Understanding that needs are large, and the funding is limited, it is critical for all fixed route providers to understand all the statewide needs.

Site Visits and Inspections

Hawaii DOT conducts periodic site visits and inspections of its subrecipients. More frequent visits may be conducted should there be numerous follow-up items on previous visits; complaints regarding service, vehicles, or other items; or grant management issues. Site visits and inspections are performed by the Hawaii DOT FTA Program Manager/staff and includes review of the funded activities. Inspections of the assets are randomly selected including fleet, facilities, and equipment. Infrastructure is not included as the transit agencies do not own or have direct capital responsibility.

The Hawaii DOT has developed standard forms that include specific questions about vehicles, facilities, equipment, and operations. Once the subrecipient review is complete, a final report is sent to the subrecipient's Accountable Executive. Any follow-up items with time frames for responses are identified in this report. HDOT FTA Program Manager/staff tracks and verifies that follow-up items are addressed and documented. All site visit and inspection dates and findings are tracked and summarized in the agency Administrative Record.

Reporting and Performance Measure Oversight

The Hawaii DOT collects reporting, performance measure, and maintenance data from subrecipients. including internal deadlines and established objectives and requirements. Reporting and tracking field for the items listed below:

- Quarterly reporting
- Vehicle mileage and trips
- Pre-trip and Post-trip inspection verification
- Preventative maintenance verification
- Accidents and incidents

Useful Life Benchmark of Assets

The Useful Life Benchmark refers to the maximum age of the asset, or the point at which the asset enters the state of good repair backlog. The federal interest expires when the asset reaches its useful life and the asset is deobligated. These requirements exist to protect the federal interest.

Useful life of an asset begins on the date the subrecipient takes possession of the asset and continues until the asset reaches the useful life minimum criteria and deobligated.

Maintenance Strategy

Each provider adheres to their written vehicle maintenance programs to ensure that vehicles are maintained, at a minimum, in accordance with their manufacturer's maintenance and service guidelines.

Disposal of Rolling Stock

The federal interest expires when the property reaches its useful life and the vehicle is deobligated. After the minimum useful life of project property is reached and is no longer needed for the original project or program, it may be used by the grantee for other transit projects or program.

If a subrecipient desires to dispose of the property before it meets the end of its useful life benchmark, it can be transferred to another subrecipient for public transportation purposes or the property may be sold with Hawaii DOT and FTA approval. If sold; however, FTA is entitled to its share of the remaining Federal interest. The Federal interest is determined by calculating the fair market value of the project property immediately before the occurrence prompting the withdrawal of the project property from appropriate use. If a vehicle is disposed of before the end of its useful life, Hawaii DOT will send a written request to FTA requesting disposal before the end of the vehicle's useful life, with an explanation of why the disposal is justified

Disposal Type	Disposal Strategy
Dispose	Dispose of vehicles that pose an irreparable unacceptable safety risk
Auction Sale/Open Bid Sale	Follow local procedures for disposal as long as the process involves an open public bid or auction process. Sale proceeds must be retained in the transit program under which the vehicle was initially acquired and used to reduce the cost of the next vehicle purchase.
Transfer to another provider	Requests to transfer the vehicle to another eligible operator providing public transportation. Contact Hawaii DOT prior to the transfer to determine if the operator is eligible. Hawaii DOT staff may consult with the possible eligible provider for that jurisdiction if useful life standards have not been met.
Maintained as spare vehicle	Vehicle is maintained in an operable state in anticipation of immediate need to put in service.

Facilities

With regular maintenance, assets will operate at the same level on first and last day of service, throughout their useful life. In general, assets within their useful life are considered to be in a SGR. The FTA website states that the "state of good repair is the condition where all assets perform their assigned functions without limitation." Subrecipients must apply the following useful life standards to facilities funded through the Hawaii DOT:

- **Administration and Maintenance Buildings**: Including building additions; useful life of 40 years
- **Facility Grounds**: Useful life of 20 years

Other Equipment

For other equipment with an acquisition value greater than $5,000, Hawaii DOT determines useful life standards on a case-by-case basis that reflects the manufacturer's estimated useful life. The subrecipient should propose a useful life in its project proposal.

Funding Distribution

Although Transit Asset Management is essential to the provision of service, it is only one of the considerations in determining the distribution of Federal funds. Additional decision tools for funding distribution are:

1. Needs;
2. Local match availability;
3. Past performance;
4. Organizational capacity; and
5. Statewide transit provider meetings.

APPENDIX A

HAWAII STATEWIDE RURAL ROLLING STOCK INVENTORY

Date: September

	VEHICLE ID			CLASS	VEHICLE TYPE	YEARS					MILEAGE						CONDITION				OVERALL RATING	
	VIN	License #	Description	(BU, CU ETC)	(Vans, Light Duty, Cutaways, Small Bus, Large Bus)	In-Service Date	2018	Useful Life Benchmark (ULB)	Term Scale (1-5)	Projected	Prior Year Odometer	Current Odometer	Annual Mileage	Benchmark	Term Scale (1-5)	Projected Performance	Current Condition	Benchmark	Term Scale (1-5)	Projected	County	Equal Weighting
1	1N9AMACLXEC084094	LDY-769	AXESS 35'	BU	Large Bus	2014	4		5.0		112,741	159,061	46,320		5.0	4.5	Excellent		5.0		Maui	5.0
2	1FDAF5GT1HEE59273	CK-2411	FORD BUS 28 PAX	BU	Light Duty	2018	0		5.0		-	1,496	1,496		5.0	5.0	5.0		5.0		Kauai	5.0
3	1FDAF5GT8HDA07794	CK -2412	FORD BUS 28 PAX	BU	Light Duty	2018	0		5.0		-	1,516	1,516		5.0	5.0	5.0		5.0		Kauai	5.0
4	1FDAF5GT3HEE59274	CK-2413	FORD BUS 28 PAX	BU	Light Duty	2018	0		5.0		-	1,564	1,564		5.0	5.0	5.0		5.0		Kauai	5.0
5	1FDAF5GT7HEE51520	CK-2415	FORD BUS 21 PAX	BU	Light Duty	2018	0		5.0		-	1,500	1,500		5.0	5.0	5.0		5.0		Kauai	5.0
6	1FDAF5GT4HDA07792	CK-2416	FORD BUS 21 PAX	BU	Light Duty	2018	0		5.0		-	1,456	1,456		5.0	5.0	5.0		5.0		Kauai	5.0
7	1FDAF5GTXHDA07795	CK-2417	FORD BUS 28 PAX	BU	Light Duty	2018	0		5.0		-	1,512	1,512		5.0	5.0	5.0		5.0		Kauai	5.0
8	1FDAF5GT6HDA08023	CK-2418	FORD BUS 21 PAX	BU	Light Duty	2018	0		5.0		-	1,500	1,500		5.0	5.0	5.0		5.0		Kauai	5.0
9	1FDAF5GT6HDA07793	CK-2419	FORD BUS 28 PAX	BU	Light Duty	2018	0		5.0		-	1,500	1,500		5.0	5.0	5.0		5.0		Kauai	5.0
10	1FDAF5GY6FEB34224	LFH-520	(ENC) Aero-Elite 290 (V10, 6.8L)	CU	Cutaway	2015	3		5.0		35,565	56,542	20,977		5.0	5.0	Excellent		5.0		Maui	5.0
11	1FDAF5GY8FEB34225	LFH-518	(ENC) Aero-Elite 290 (V10, 6.8L)	CU	Cutaway	2015	3		5.0		28,234	51,372	23,138		5.0	5.0	Excellent		5.0		Maui	5.0
12	1FDAF5GY4FEB34223	LFH-519	(ENC) Aero-Elite 290 (V10, 6.8L)	CU	Cutaway	2015	3		5.0		38,705	62,287	23,582		5.0	4.5	Excellent		5.0		Maui	5.0
13	1GB3GRBG3G1130998	LGG-896	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2016	2		5.0		25,819	53,861	28,042		5.0	4.5	New		5.0		Maui	5.0
14	1GB3GRBGXG1130786	LGG-897	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2016	2		5.0		19,508	47,765	28,257		5.0	5.0	New		5.0		Maui	5.0
15	1GB3GRBG7G1130390	LGG-900	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2016	2		5.0		21,952	49,478	27,526		5.0	5.0	New		5.0		Maui	5.0
16	1GB3GRBG6G1128601	LGG-898	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2016	2		5.0		26,691	57,857	31,166		5.0	4.5	New		5.0		Maui	5.0
17	1GB3GRBGXG1128262	LGG-901	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2016	2		5.0		6,512	31,193	24,681		5.0	5.0	New		5.0		Maui	5.0
18	1N9AMACL1EC084095	LEB-890	AXESS 35'	BU	Large Bus	2014	4		5.0		126,814	168,523	41,709		4.5	4.5	Excellent		5.0		Maui	4.8
19	1N9AMACL3EC084096	LEB-805	AXESS 35'	BU	Large Bus	2013	5		4.5		115,782	151,136	35,354		5.0	4.5	Excellent		5.0		Maui	4.8
20	1N9AMACL7EC084098	LEB-887	AXESS 35'	BU	Large Bus	2014	4		5.0		170,956	213,222	42,266		4.5	4.0	Excellent		5.0		Maui	4.8
21	1N9AMACL9EC084099	LEB-807	AXESS 35'	BU	Large Bus	2014	4		5.0		161,358	215,566	54,208		4.5	4.0	Excellent		5.0		Maui	4.8
22	1N9AMACL1EC084100	LEB-808	AXESS 35'	BU	Large Bus	2014	4		5.0		133,556	202,559	69,003		4.5	4.0	Excellent		5.0		Maui	4.8
23	1N9AMACL3EC084101	LEB-806	AXESS 35'	BU	Large Bus	2014	4		5.0		126,414	184,712	58,298		4.5	4.0	Excellent		5.0		Maui	4.8
24	1N9AMACL7EC084103	LEB-889	AXESS 35'	BU	Large Bus	2014	4		5.0		162,327	220,627	58,300		4.5	4.0	Excellent		5.0		Maui	4.8
25	1FDAF5GY2FEB34222	LFH-517	(ENC) Aero-Elite 290 (V10, 6.8L)	CU	Cutaway	2015	3		5.0		47,731	83,769	36,038		4.5	4.5	Excellent		5.0		Maui	4.8
26	1N9AMACL5EC084097	LEB-815	AXESS 35'	BU	Large Bus	2013	5		4.5		136,229	180,282	44,053		4.5	4.5	Excellent		5.0		Maui	4.7
27	1N9AMACL5EC084102	LEB-804	AXESS 35'	BU	Large Bus	2014	4		5.0		200,943	262,963	62,020		4.0	4.0	Excellent		5.0		Maui	4.7
28	1FDAF5GT8FEB62823	CK 2321	FORD BUS 21 PAX	BU	Light Duty	2015	3		5.0		29,637	53,594	23,957		5.0	4.5	4.0		4.0		Kauai	4.7
29	1GB3G2BGXF1129126	LFK-409	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		41,132	65,163	24,031		5.0	4.5	Good		4.0		Maui	4.7
30	1GB3G2BG5F1129499	LFK-407	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		47,941	73,363	25,422		5.0	4.5	Good		4.0		Maui	4.7
31	1GB392BG8F1130811	LFK-413	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		39,524	71,368	31,844		5.0	4.5	Good		4.0		Maui	4.7
32	1GB3G2BG9F1130882	LFH-679	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		41,709	62,992	21,283		5.0	4.5	Good		4.0		Maui	4.7
33	1GB3G2BG2F1131291	LFK-414	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		44,773	73,465	28,692		5.0	4.5	Good		4.0		Maui	4.7
34	1GB3G2BG9F1130607	LFK-416	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		36,777	66,737	29,960		5.0	4.5	Good		4.0		Maui	4.7
35	1GB6G5BL6F1126994	CK 2330	CHEVY BUS 14 PAX	BU	Light Duty	2015	3		5.0		57,603	86,827	29,224		4.5	4.0	4.0		4.0		Kauai	4.5
36	1FDAF5GTXFEB62824	CK 2314	FORD BUS 21 PAX	BU	Light Duty	2015	3		5.0		45,349	68,204	22,855		4.5	4.0	4.0		4.0		Kauai	4.5
37	1FDAF5GT2FEB62820	CK 2317	FORD BUS 21 PAX	BU	Light Duty	2015	3		5.0		43,835	64,493	20,658		4.5	4.5	4.0		4.0		Kauai	4.5
38	1FDAF5GT6FEB62822	CK 2319	FORD BUS 21 PAX	BU	Light Duty	2015	3		5.0		46,784	82,402	35,618		4.5	4.0	4.0		4.0		Kauai	4.5
39	1GB3G2BG9F1129196	LFK-411	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		67,125	105,909	38,784		4.5	4.0	Good		4.0		Maui	4.5
40	1GB3G2BG1F1131203	LFK-408	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		56,397	82,952	26,555		4.5	4.5	Good		4.0		Maui	4.5
41	1GB3G2BG7F1131643	LFK-410	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		63,093	101,216	38,123		4.5	4.0	Good		4.0		Maui	4.5
42	1GB3G2BGXF1131796	LFK-412	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		60,731	97,103	36,372		4.5	4.0	Good		4.0		Maui	4.5
43	1GB3G2BG7F1131304	LFK-415	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2015	3		5.0		54,851	86,502	31,651		4.5	4.5	Good		4.0		Maui	4.5
44	1FDAF5GT1FEB62825	CK 2315	FORD BUS 21 PAX	BU	Light Duty	2015	3		5.0		52,472	90,931	38,459		4.0	3.5	4.0		4.0		Kauai	4.3

HAWAII STATEWIDE RURAL ROLLING STOCK INVENTORY

Date: September

	VEHICLE ID			CLASS	VEHICLE TYPE	YEARS					MILEAGE						CONDITION				OVERALL RATING	
	VIN	License #	Description	(BU, CU ETC)	(Vans, Light Duty, Cutaways, Small Bus, Large Bus)	In-Service Date	2018	Useful Life Benchmark (ULB)	Term Scale (1-5)	Projected	Prior Year Odometer	Current Odometer	Annual Mileage	Benchmark	Term Scale (1-5)	Projected Performance	Current Condition	Benchmark	Term Scale (1-5)	Projected	County	Equal Weighting
45	1FDAF5GT5FEC18250	CK 2316	FORD BUS 21 PAX	BU	Light Duty	2015	3		5.0		49,264	90,019	40,755		4.0	3.5	4.0		4.0		Kauai	4.3
46	1N9HEACL3EC084272	CH3216	2014 ELDORADO BUS	BU	Small Bus	2014	4		5.0		269,201	315,085	45,884		4.0	3.0	4		4		Hawaii	4.3
47	1FDGF5GTXEEA17209	CK2250	FORD BUS 21 PAX	BU	Light Duty	2014	4		4.5		72,442	98,352	25,910		4.0	3.5	4.0		4.0		Kauai	4.2
48	523MF1A67CM101066	LDV-867	MV-1 (Ford V8, 4.5L)	VN	Vans	2013	5		3.5		8,815	11,260	2,445		5.0	5.0	Good		4.0		Maui	4.2
49	1M8SDMBA0FP013908	CH3233	2015 MCI BUS MODEL D400	BU	Large Bus	2015	3		5.0		343,648	393,663	50,015		3.5	3.5	4		4		Hawaii	4.2
50	1M8SDMBA1EP013205	CH3204	2014 MCI BUS	BU	Large Bus	2014	4		5.0		360,445	398,838	38,393		3.5	3.5	4		4		Hawaii	4.2
51	1M8SDMBA2FP013909	CH3234	2015 MCI BUS MDL D4000	BU	Large Bus	2015	3		5.0		358,421	382,720	24,299		3.5	3.5	4		4		Hawaii	4.2
52	1M8SDMBA3EP013206	CH3203	2014 MCI BUS	BU	Large Bus	2014	4		5.0		390,028	424,862	34,834		3.5	3.5	4		4		Hawaii	4.2
53	1N9HEACL1EC084271	CH3214	2014 ELDORADO BUS	BU	Small Bus	2014	4		5.0		423,677	468,244	44,567		3.5	2.0	4		4		Hawaii	4.2
54	1N9HEACL5EC084273	CH3215	2014 ELDORADO BUS	BU	Small Bus	2014	4		5.0		404,328	440,699	36,371		3.5	2.5	4		4		Hawaii	4.2
55	1GB6G5BL2F1128077	CK 2318	CHEVY BUS 14 PAX	BU	Light Duty	2015	3		5.0		69,613	110,316	40,703		4.0	3.0	3.0		3.0		Kauai	4.0
56	1GB6G5BL6F1126719	CK 2320	CHEVY BUS 14 PAX	BU	Light Duty	2015	3		5.0		64,960	105,765	40,805		4.0	3.5	3.0		3.0		Kauai	4.0
57	1GB6G5BL2F1126216	CK 2324	CHEVY BUS 14 PAX	BU	Light Duty	2015	3		5.0		75,470	118,206	42,736		4.0	3.0	3.0		3.0		Kauai	4.0
58	1GB6G5BL0F1125839	CK 2325	CHEVY BUS 14 PAX	BU	Light Duty	2015	3		5.0		57,955	102,320	44,365		4.0	3.5	3.0		3.0		Kauai	4.0
59	1GB6G5BL9F1127539	CK 2326	CHEVY BUS 14 PAX	BU	Light Duty	2015	3		5.0		68,459	109,776	41,317		4.0	3.0	3.0		3.0		Kauai	4.0
60	1GB6G5BL5F1126842	CK 2327	CHEVY BUS 14 PAX	BU	Light Duty	2015	3		5.0		60,248	101,686	41,438		4.0	3.5	3.0		3.0		Kauai	4.0
61	1N9MMAC68AC084211	LBE-689	EZ- RIDER II 35'	BU	Large Bus	2010	8		3.5		269,201	315,085	45,884		4.0	4.0	Good		4.0		Maui	3.8
62	1FDGF5GT6EEA17210	CK2261	FORD BUS 21 PAX	BU	Light Duty	2014	4		4.5		78,406	114,954	36,548		4.0	3.0	3.0		3.0		Kauai	3.8
63	1FDGF5GT5EEA11544	CK2262	FORD BUS 21 PAX	BU	Light Duty	2014	4		4.5		80,734	114,366	33,632		4.0	3.5	3.0		3.0		Kauai	3.8
64	1FDGF5GT1EEA05160	CK2263	FORD BUS 21 PAX	BU	Light Duty	2014	4		4.5		70,266	101,458	31,192		4.0	3.5	3.0		3.0		Kauai	3.8
65	1FDAF5GT6FEB34230	CK 2322	FORD BUS 29 PAX	BU	Light Duty	2015	3		5.0		100,090	143,419	43,329		3.5	2.5	3.0		3.0		Kauai	3.8
66	1FDAF5GT4FEB62821	CK 2323	FORD BUS 29 PAX	BU	Light Duty	2015	3		5.0		84,625	146,464	61,839		3.5	2.5	3.0		3.0		Kauai	3.8
67	1FDAF5GT5FEB57272	CK 2331	FORD BUS 29 PAX	BU	Light Duty	2015	3		5.0		82,550	140,999	58,449		3.5	2.5	3.0		3.0		Kauai	3.8
68	1FDAF5GT6FEB62819	CK 2332	FORD BUS 29 PAX	BU	Light Duty	2015	3		5.0		84,796	131,170	46,374		3.5	3.0	3.0		3.0		Kauai	3.8
69	1FDAF5GT3FEB62826	CK 2342	FORD BUS 29 PAX	BU	Light Duty	2015	3		5.0		87,266	135,763	48,497		3.5	2.5	3.0		3.0		Kauai	3.8
70	1GB3G2BG0C1139353	LCZ-415	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		134,233	156,107	21,874		4.0	3.5	Good		4.0		Maui	3.8
71	2C4RDGCG1CR214759	LCZ-753	(Mission) Grand Caravan (V6, 3.6L)	VN	Vans	2012	6		3.0		38,294	47,835	9,541		4.5	4.0	Good		4.0		Maui	3.8
72	2C4RDGCGXCR214761	LCZ-752	(Mission) Grand Caravan (V6, 3.6L)	VN	Vans	2012	6		3.0		33,497	51,354	17,857		4.5	4.0	Good		4.0		Maui	3.8
73	1N9MMAC618C084111	MRT-436	EZ- RIDER II 35'	BU	Large Bus	2008	10		3.0		319,829	363,217	43,388		4.0	3.5	Good		4.0		Maui	3.7
74	1N9MMAC6XAC084212	LBE-687	EZ- RIDER II 35'	BU	Large Bus	2010	8		3.5		343,648	393,663	50,015		3.5	3.5	Good		4.0		Maui	3.7
75	1N9MMAC61AC084213	LBE-688	EZ- RIDER II 35'	BU	Large Bus	2010	8		3.5		358,421	382,720	24,299		3.5	3.5	Good		4.0		Maui	3.7
76	1GB6G5BL7E1125626	CK2257	CHEVY BUS 14 PAX	BU	Light Duty	2014	4		4.5		96,472	139,776	43,304		3.5	2.5	3.0		3.0		Kauai	3.7
77	1GB6G5BLXE1124728	CK2258	CHEVY BUS 14 PAX	BU	Light Duty	2014	4		4.5		106,604	143,473	36,869		3.5	2.5	3.0		3.0		Kauai	3.7
78	1GB6G5BL7E1125271	CK2259	CHEVY BUS 14 PAX	BU	Light Duty	2014	4		4.5		93,131	129,309	36,178		3.5	3.0	3.0		3.0		Kauai	3.7
79	1GB6G5BL9E1139625	CK 2287	CHEVY BUS 14 PAX	BU	Light Duty	2014	4		4.5		102,319	144,033	41,714		3.5	2.5	3.0		3.0		Kauai	3.7
80	1FDGF5GT5EEA05159	CK2249	FORD BUS 21 PAX	BU	Light Duty	2014	4		4.5		114,815	139,919	25,104		3.5	3.0	3.0		3.0		Kauai	3.7
81	1FDGF5GT8EEA17208	CK2260	FORD BUS 21 PAX	BU	Light Duty	2014	4		4.5		103,424	138,357	34,933		3.5	3.0	3.0		3.0		Kauai	3.7
82	1GB3G2BG9C1138993	LCZ-405	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		144,547	166,640	22,093		3.5	3.5	Good		4.0		Maui	3.7
83	1GB3G2BG4C1139047	LCZ-413	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		153,673	169,840	16,167		3.5	3.5	Good		4.0		Maui	3.7
84	1GB3G2BG5C1139610	LCZ-412	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		146,399	169,937	23,538		3.5	3.5	Good		4.0		Maui	3.7
85	1GB3G2BG0C1139305	LCZ-414	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		157,333	171,339	14,006		3.5	3.5	Good		4.0		Maui	3.7
86	1GB3G2BG2C1138513	LCZ-408	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		163,321	199,014	35,693		3.5	3.0	Good		4.0		Maui	3.7
87	1GB3G2BG7C1139107	LCZ-406	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		168,012	199,152	31,140		3.5	3.0	Good		4.0		Maui	3.7
88	1GB3G2BG9C1139903	LCZ-416	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		150,890	173,722	22,832		3.5	3.5	Good		4.0		Maui	3.7

HAWAII STATEWIDE RURAL ROLLING STOCK INVENTORY

Date: September

	VEHICLE ID			CLASS	VEHICLE TYPE	YEARS					MILEAGE						CONDITION				OVERALL RATING	
	VIN	License #	Description	(BU, CU ETC)	(Vans, Light Duty, Cutaways, Small Bus, Large Bus)	In-Service Date	2018	Useful Life Benchmark (ULB)	Term Scale (1-5)	Projected	Prior Year Odometer	Current Odometer	Annual Mileage	Benchmark	Term Scale (1-5)	Projected Performance	Current Condition	Benchmark	Term Scale (1-5)	Projected	County	Equal Weighting
89	2C4RDGCG8CR214760	LCZ-754	(Mission) Grand Caravan (V6, 3.6L)	VN	Vans	2012	6		3.0		45,866	58,783	12,917		4.0	3.5	Good		4.0		Maui	3.7
90	1N9MMAC638C084112	MRT-435	EZ- RIDER II 35'	BU	Large Bus	2008	10		3.0		376,021	409,211	33,190		3.5	3.5	Good		4.0		Maui	3.5
91	1N9MMAC658C084113	MRT-433	EZ- RIDER II 35'	BU	Large Bus	2008	10		3.0		392,280	436,500	44,220		3.5	3.5	Good		4.0		Maui	3.5
92	1N9MMAC678C084114	MRT-434	EZ- RIDER II 35'	BU	Large Bus	2008	10		3.0		409,611	451,107	41,496		3.5	3.5	Good		4.0		Maui	3.5
93	1N9MMAC688C084218	MSS-032	EZ- RIDER II 35'	BU	Large Bus	2008	10		3.0		360,445	398,838	38,393		3.5	3.5	Good		4.0		Maui	3.5
94	1N9MMAC648C084216	MSS-031	EZ- RIDER II 35'	BU	Large Bus	2008	10		3.0		390,028	424,862	34,834		3.5	3.5	Good		4.0		Maui	3.5
95	1N9MMAC668CO84217	MSS-030	EZ- RIDER II 35'	BU	Large Bus	2008	10		3.0		420,496	465,020	44,524		3.5	3.0	Good		4.0		Maui	3.5
96	1N9MMAC61AC084065	LAF-743	EZ- RIDER II 35'	BU	Large Bus	2009	9		3.0		423,677	468,244	44,567		3.5	3.0	Good		4.0		Maui	3.5
97	1N9MMAC63AC084066	LAF-742	EZ- RIDER II 35'	BU	Large Bus	2009	9		3.0		404,328	440,699	36,371		3.5	3.5	Good		4.0		Maui	3.5
98	1GB6G5BL6C1112055	CK2180	CHEVY BUS 18 PAX	BU	Light Duty	2012	6		3.5		92,889	92,889	-		4.0	4.0	3.0		3.0		Kauai	3.5
99	1GB3G2BG8C1139052	LCZ-404	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		180,802	200,219	19,417		3.0	3.0	Good		4.0		Maui	3.5
100	1GB3G2BG8C1139455	LCZ-407	(ENC) Aero-lite 210 (V8, 6L)	CU	Cutaway	2012	6		3.5		184,879	210,220	25,341		3.0	3.0	Good		4.0		Maui	3.5
101	1M8SDMBA1EP013205	CH3204	2014 MCI BUS	BU	Large Bus	2014	4		5.0		409,611	451,107	41,496		3.5	3.5	2		2		Hawaii	3.5
102	1GB6G5BL8E1126333	CK2251	CHEVY BUS 14 PAX	BU	Light Duty	2014	4		4.5		52,546	64,738	12,192		4.5	4.5	1.0		1.0		Kauai	3.3
103	1FDAF5GT4FEB26689	CK 2328	FORD BUS 29 PAX	BU	Light Duty	2015	3		5.0		98,289	154,814	56,525		3.0	2.0	2.0		2.0		Kauai	3.3
104	1FDAF5GT9FEB46632	CK 2329	FORD BUS 29 PAX	BU	Light Duty	2015	3		5.0		98,329	160,309	61,980		3.0	2.0	2.0		2.0		Kauai	3.3
105	1GB6G5BL0E1125693	CK2268	CHEVY BUS 14 PAX	BU	Light Duty	2014	4		4.5		89,623	169,008	79,385		3.0	1.5	2.0		2.0		Kauai	3.2
106	1FDAF5GT6EEA36412	CK2391	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		130,072	160,167	30,095		3.0	2.5	2.0		2.0		Kauai	3.2
107	1N9APACLX7CO84235	MRL-910	AXESS 40'	BU	Large Bus	2007	11		2.5		570,722	627,066	56,344		2.5	2.0	Good		4.0		Maui	3.0
108	1FDAF5GT6EEA44302	CK2241	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		156,863	190,462	33,599		2.5	2.0	2.0		2.0		Kauai	3.0
109	1FDGF5GT8EEA17211	CK2242	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		149,509	186,671	37,162		2.5	2.0	2.0		2.0		Kauai	3.0
110	15GCD211371112535	CH2650	BUS GILLIG	BU	Large Bus	2007	11		2.5		115,334	195,144	79,810		4.5	4.0	2		2		Hawaii	3.0
111	1N9APACL27C084231	MRK-518	AXESS 40'	BU	Large Bus	2007	11		2.5		609,604	677,609	68,005		2.0	1.5	Good		4.0		Maui	2.8
112	1N9APACL47C084232	MRK-519	AXESS 40'	BU	Large Bus	2007	11		2.5		629,789	698,427	68,638		2.0	1.5	Good		4.0		Maui	2.8
113	1N9APACL17CO84236	MRL-911	AXESS 40'	BU	Large Bus	2007	11		2.5		599,093	664,432	65,339		2.0	1.5	Good		4.0		Maui	2.8
114	1GB6G5BL9C1113782	CK2182	CHEVY BUS 18 PAX	BU	Light Duty	2012	6		3.5		138,949	173,131	34,182		3.0	2.5	2.0		2.0		Kauai	2.8
115	1GB6G5BLXC1113757	CK2183	CHEVY BUS 18 PAX	BU	Light Duty	2012	6		3.5		127,453	167,578	40,125		3.0	2.5	2.0		2.0		Kauai	2.8
116	1FDGF5GT3EEA23594	CK2243	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		166,355	215,887	49,532		2.0	1.5	2.0		2.0		Kauai	2.8
117	1FDGF5GTXEEA17212	CK2245	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		160,184	215,652	55,468		2.0	1.0	2.0		2.0		Kauai	2.8
118	1FDGF5GT5EEA23595	CK2246	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		170,844	231,778	60,934		2.0	1.0	2.0		2.0		Kauai	2.8
119	1FDAF5GT8EEA36413	CK2248	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		167,022	211,047	44,025		2.0	1.5	2.0		2.0		Kauai	2.8
120	1FDAF5GT8EEA44303	CK2267	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		166,150	220,958	54,808		2.0	1.0	2.0		2.0		Kauai	2.8
121	1GBJG316181111171	CH2665	BUS CHEV	BU	Small Bus	2008	10		3.0		355,911	380,869	24,958		3.5	3.0	2		2		Hawaii	2.8
122	1M8SDMEA5AP059237	CH3054	10' MCI BUS	BU	Large Bus	2009	9		3.0		427,629	409,211	(18,418)		3.5	3.5	2		2		Hawaii	2.8
123	1M8SDMEA7AP059238	CH3055	10' MCI BUS	BU	Large Bus	2009	9		3.0		392,280	436,500	44,220		3.5	3.5	2		2		Hawaii	2.8
124	1M8SDMEAXAP059234	CH3051	10' MCI BUS	BU	Large Bus	2009	9		3.0		436,412	497,611	61,199		3.5	3.0	2		2		Hawaii	2.8

HAWAII STATEWIDE RURAL ROLLING STOCK INVENTORY

Date: September

	VEHICLE ID			CLASS	VEHICLE TYPE	YEARS					MILEAGE						CONDITION				OVERALL RATING	
	VIN	License #	Description	(BU, CU ETC)	(Vans, Light Duty, Cutaways, Small Bus, Large Bus)	In-Service Date	2018	Useful Life Benchmark (ULB)	Term Scale (1-5)	Projected	Prior Year Odometer	Current Odometer	Annual Mileage	Benchmark	Term Scale (1-5)	Projected Performance	Current Condition	Benchmark	Term Scale (1-5)	Projected	County	Equal Weighting
125	1N9APACL67CO84233	MRK-523	AXESS 40'	BU	Large Bus	2007	11		2.5		685,621	765,010	79,389		1.5	1.0	Good		4.0		Maui	2.7
126	1N9APACL87C084234	MRL-908	AXESS 40'	BU	Large Bus	2007	11		2.5		718,343	733,831	15,488		1.5	1.5	Good		4.0		Maui	2.7
127	1GB6G5BL9C1113491	CK2177	CHEVY BUS 18 PAX	BU	Light Duty	2012	6		3.5		169,544	202,447	32,903		2.5	2.0	2.0		2.0		Kauai	2.7
128	1GB6G5BL3C1113339	CK2178	CHEVY BUS 18 PAX	BU	Light Duty	2012	6		3.5		146,953	186,778	39,825		2.5	2.0	2.0		2.0		Kauai	2.7
129	1GB6G5BL7C1113148	CK2179	CHEVY BUS 18 PAX	BU	Light Duty	2012	6		3.5		151,445	188,956	37,511		2.5	2.0	2.0		2.0		Kauai	2.7
130	1GB6G5BL5C1113732	CK2181	CHEVY BUS 18 PAX	BU	Light Duty	2012	6		3.5		140,855	183,138	42,283		2.5	2.0	2.0		2.0		Kauai	2.7
131	1FDGF5GT1EEA23593	CK2244	FORD BUS 31 PAX	BU	Light Duty	2014	4		4.5		178,976	242,237	63,261		1.5	0.5	2.0		2.0		Kauai	2.7
132	15GCD2011S1085958	CH3217	1995 GILLIG BUS	BU	Large Bus	1995	23		0.5		420,496	465,020	44,524		3.5	3.0	4		4		Hawaii	2.7
133	1M8SDMEA1AP059235	CH3052	10' MCI BUS	BU	Large Bus	2009	9		3.0		483,828	508,788	24,960		3.0	3.0	2		2		Hawaii	2.7
134	1GB9G5A62A1104864	CK2107	CHEVY BUS 20 PAX	BU	Light Duty	2010	8		2.5		164,213	167,893	3,680		3.0	3.0	2.0		2.0		Kauai	2.5
135	1GB9G5AL3A1180020	CK2139	CHEVY BUS 14 PAX	BU	Light Duty	2011	7		3.0		144,148	147,118	2,970		3.5	3.0	1.0		1.0		Kauai	2.5
136	1GB9G5A62A1104945	CK2118	CHEVY BUS 20 PAX	BU	Light Duty	2010	8		2.5		159,954	192,486	32,532		2.5	2.0	2.0		2.0		Kauai	2.3
137	1GB9G5ALOA1177561	CK2138	CHEVY BUS 14 PAX	BU	Light Duty	2011	7		3.0		132,511	152,309	19,798		3.0	3.0	1.0		1.0		Kauai	2.3
138	15GCD2113V1088136	CH3438	1997 Gillig Phantom (Oahu)	BU	Large Bus	1997	21		0.5		212,165	226,096	13,931		4.5	4.0	2		2		Hawaii	2.3
139	15GCD2115V1088137	CH3436	1997 Gillig Phantom (Oahu)	BU	Large Bus	1997	21		0.5		761,897	776,989	15,092		1.5	1.0	2		2		Hawaii	1.3
140	15GCD2119V1088139	CH3434	1997 Gillig Phantom (Oahu)	BU	Large Bus	1997	21		0.5		642,824	734,954	92,130		1.5	1.0	2		2		Hawaii	1.3
141	15GCD2111V1088135	CH3439	1997 Gillig Phantom (Oahu)	BU	Large Bus	1997	21		0.5		789,190	807,608	18,418		1.0	1.0	2		2		Hawaii	1.2
142	15GCD2115V1088140	CH 3433	1997 Gillig Phantom (Oahu)	BU	Large Bus	1997	21		0.5		797,896	825,541	27,645		1.0	0.5	2		2		Hawaii	1.2
143	15GCD2117V1088138	CH3435	1997 Gillig Phantom (Oahu)	BU	Large Bus	1997	21		0.5		804,165	836,805	32,640		1.0	0.5	2		2		Hawaii	1.2
144	15GCD211XV1088134	CH3437	1997 Gillig Phantom (Oahu)	BU	Large Bus	1997	21		0.5		768,106	793,500	25,394		1.0	1.0	2		2		Hawaii	1.2

HAWAII STATEWIDE RURAL ROLLING STOCK INVENTORY

Years Term Scale

vans	Rating	light duty	Rating	cutaways	Rating	Small Bus	Rating	Large Bus	Rating
0	5.0	0	5.0	0	5.0	0	5.0	0	5.0
2	5.0	3	5.0	3	5.0	3.0	5.0	3.0	5.0
3	4.5	4	4.5	4	4.5	4.5	4.5	4.5	4.5
4	4.0	5	4.0	5	4.0	6.0	4.0	6.0	4.0
5	3.5	6	3.5	6	3.5	7.5	3.5	7.5	3.5
6	3.0	7	3.0	7	3.0	9.0	3.0	9.0	3.0
7	2.5	8	2.5	8	2.5	10.5	2.5	10.5	2.5
8	2.0	9	2.0	9	2.0	12.0	2.0	12.0	2.0
9	1.5	10	1.5	10	1.5	13.0	1.5	13.0	1.5
10	1.0	11	1.0	11	1.0	14.0	1.0	14.0	1.0
11	0.5	12	0.5	12	0.5	15.0	0.5	15.0	0.5

Mileage Term Scale

vans	Rating	light duty	Rating	cutaways	Rating	Small Bus	Rating	Large Bus	Rating
0	5.0	0	5.0	0	5.0	0	5.0	0	5.0
25,000	5.0	30,000	5.0	40,000	5.0	70,000.0	5.0	80,000.0	5.0
40,000	4.5	60,000	4.5	80,000	4.5	90,000.0	4.5	160,000.0	4.5
55,000	4.0	90,000	4.0	120,000	4.0	210,000.0	4.0	240,000.0	4.0
70,000	3.5	120,000	3.5	160,000	3.5	280,000.0	3.5	370,000.0	3.5
85,000	3.0	150,000	3.0	200,000	3.0	350,000.0	3.0	500,000.0	3.0
100,000	2.5	180,000	2.5	240,000	2.5	420,000.0	2.5	570,000.0	2.5
125,000	2.0	210,000	2.0	280,000	2.0	490,000.0	2.0	640,000.0	2.0
150,000	1.5	240,000	1.5	320,000	1.5	560,000.0	1.5	710,000.0	1.5
175,000	1.0	270,000	1.0	360,000	1.0	630,000.0	1.0	780,000.0	1.0
200,000	0.5	300,000	0.5	400,000	0.5	700,000.0	0.5	850,000.0	0.5

STATEWIDE FIXED ASSET INVENTORY (EQUIPMENT)

	VEHICLE ID			CLASS TYPE	VEHICLE TYPE	YEARS				MILEAGE						CONDITION			OVERALL RATING	
	VIN	LICENSE #	DESCRIPTION	(BU, CU ETC)	TOW TRUCK, SERVICE VEHICLES, ETC.	In-SERVICE DATE	AGE	ULB	TERM SCALE (YEARS)	ODOMETER READING			BENCH MARK	TERM SCALE (1-5)	PROJECTED PERFORMANCE	TERM SCALE (1-5)				
							2018			LAST YEAR	THIS YEAR	ANNUALLY				CURRENT	BENCH MARK	TERM SCALE RATING	County	Equal Weighting
1	1FM5K7B81HGA44311	CK 2360	FORD EXPLORER	OTHER	SUPPORT	2017	1	8	2.5	520	4771	4251		5.0		5		5	Kauai	3.75
2	1FDSF20R68EE50568	CK2054	FORD F250	OTHER	SERVICE	2008	10	8	2.5	10652	11165	513		5.0		4		4	Kauai	3.25
3	1FDSF20P07EA77752	CK1933	FORD F250 UTILITY PICKUP W/LIFTGATE	OTHER	SERVICE	2007	11	14	3.5	52126	52695	569		5.0		3		3	Kauai	3.25
4	1GBGC24R1WE208561	CK1566	CHEVROLET 2500 UTILITY PICKUP	OTHER	SERVICE	1998	20	8	2.5	75022	75022	0		3.5		3		3	Kauai	2.75
5	1GBDV13W27D214570	CH2654	2007 Chevy Pvan	OTHER	SERVICE	2007	11	8	2.5	89709	104046	14337		2.5		3		3	Hawaii	2.75
6	1GBDV13W57D213719	CH2655	2007 Chevy Pvan	OTHER	SERVICE	2007	11	8	2.5	83279	93470	10191		3.0		3		3	Hawaii	2.75
7	1GBDV13W97D214517	CH2657	2008 Chevy Pvan	OTHER	SERVICE	2007	11	8	2.5	81026	96958	15932		3.0		3		3	Hawaii	2.75
8	1D8HD38K28F146165	CK2017	DODGE DURANGO SUV	OTHER	SUPPORT	2008	10	8	2.5	37146	38051	905		5.0		1		1	Kauai	1.75

STATEWIDE FIXED ASSET INVENTORY (FACILITIES)

	VEHICLE ID			CLASS TYPE	VEHICLE TYPE	YEARS				MILEAGE						CONDITION			OVERALL RATING	
		BUILDING#	DESCRIPTION	(BU, CU ETC)	TOW TRUCK, SERVICE VEHICLES, ETC.	In-SERVICE DATE	AGE	ULB	TERM SCALE (YEARS)	ODOMETER READING			BENCH MARK	TERM SCALE (1-5)	PROJECTED PERFORMANCE	TERM SCALE (1-5)				
							2018			LAST YEAR	THIS YEAR	ANNUALLY				CURRENT	BENCH MARK	TERM SCALE RATING	County	Equal Weighting
1	N/A	1	Administration/Maintenance Building	FAC		2018	0	40 Yr	5	N/A	N/A	N/A	N/A	N/A	N/A	5		5	Hawaii	5
2	N/A	1	Administration Building	FAC		2002	16	40 Yr	4.5	N/A	N/A	N/A	N/A	N/A	N/A	4		4	Kauai	4.25
3	N/A	2	Maintenance Building	FAC		2002	16	40 Yr	4.5	N/A	N/A	N/A	N/A	N/A	N/A	4		4	Kauai	4.25
4	N/A	3	Parking Lot A	FAC		2002	16	20 Yr	3.5	N/A	N/A	N/A	N/A	N/A	N/A	3		3	Kauai	3.25
5	N/A	4	Parking Lot B	FAC		2002	16	20 Yr	3.5	N/A	N/A	N/A	N/A	N/A	N/A	3		3	Kauai	3.25

Facilities

Admin/ Maint	Rating	Parking	Rating
0	5.0	0	5.0
8	5.0	4	5.0
16	4.5	8	4.5
24	4.0	12	4.0
32	3.5	16	3.5
40	3.0	20	3.0
48	2.5	24	2.5
56	2.0	28	2.0
64	1.5	32	1.5
72	1.0	36	1.0
80	0.5	40	0.5

Equipment

Truck / Utility Mileage	Age	Rating	Rubber Mileage	Tire Age	Rating
0	0	5.0	0	-	5.0
25,000	2	5.0	25,000	2.0	5.0
40,000	3	4.5	40,000	5.0	4.5
55,000	4	4.0	55,000	8.0	4.0
70,000	6	3.5	70,000	11.0	3.5
85,000	8	3.0	85,000	14.0	3.0
100,000	10	2.5	100,000	17.0	2.5
125,000	12	2.0	125,000	20.0	2.0
150,000	14	1.5	150,000	23.0	1.5
175,000	16	1.0	175,000	26.0	1.0
200,000	18	0.5	200,000	29.0	0.5