

State of Alaska FY2004 Governor's Operating Budget

Department of Transportation/Public Facilities Measurement Standards & Comm Vehicle Enforcement Budget Request Unit Budget Summary

Measurement Standards & Comm Vehicle Enforcement Budget Request Unit

Contact: Aves D. Thompson, Director

Tel: (907) 341-3210 **Fax:** (907) 341-3220 **E-mail:** Aves_Thompson@dot.state.ak.us

BRU Mission

The mission of the Division of Measurement Standards and Commercial Vehicle Enforcement is to provide public protection and preservation of the state's transportation infrastructure by enforcing federal and state statutory and regulatory requirements in the truck size, weight and safety enforcement program, and the weights and measures program.

BRU Services Provided

- Commercial Vehicle Size, Weight and Safety program
- Weights and Measures program
- Metrology Laboratory

BRU Goals and Strategies

- Provide protection for the motoring public;
- Provide equity in the marketplace by creating a level playing field;
- Maintain confidence in the accuracy of commercial marketplace measurements;
- Protect the State's investment in infrastructure.

Key BRU Issues for FY2003 – 2004

see component

Major BRU Accomplishments in 2002

see component

Key Performance Measures for FY2004

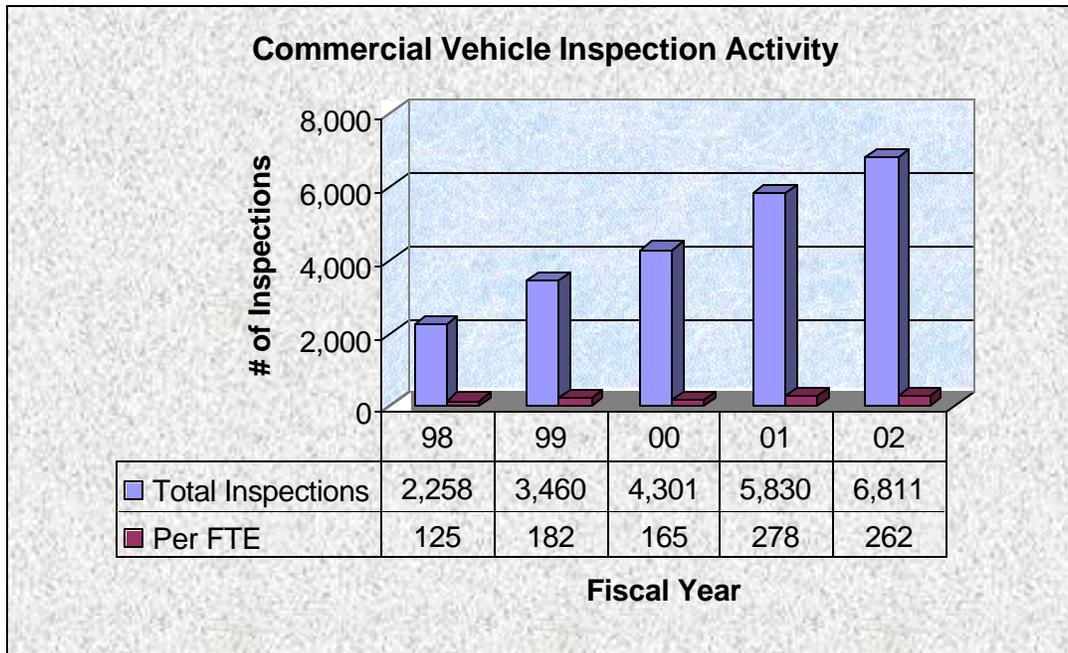
Measure:

Safety inspections per full-time equivalent employee of the division.

Sec 148 Ch 124 SLA 2002(HB515)

Alaska's Target & Progress:

During FY2002 actual performance was 262 inspections per full-time equivalent employee of the division compared to 278 per full-time equivalent employee in FY01. The Division completed 6,811 inspections during FY2002.



Benchmark Comparisons:

To date, there is no established national standard for this performance measure, although the Department's goal is to reach 8,000 – 10,000 inspections per year.

Background and Strategies:

The division anticipates further efficiencies through streamlining the inspection process by implementing electronic inspection reporting at the field level. A total of ten laptops and all of the fixed weigh stations have been deployed with the new safety reporting system software. During FY02, 15 employees were trained in North American Standards Hazardous Materials inspection methods. This specific training allows the inspector to expand the inspection process by including commercial vehicles carrying hazardous material loads traveling on Alaska highways.

During FY02, the division purchased a mobile IRIS (Infra-Red Inspection System) Van. The intent of the new IRIS Van is to increase the number and accuracy of brake inspections. Evaluation of the IRIS system is underway to establish its accuracy and dependability in detecting faulty brakes, exhaust leaks, over-inflated tires, and other mechanical problems during arctic winter conditions. Commercial Vehicle Enforcement Officers using the IRIS van have completed a total of 979 brake screenings in Anchorage, Fairbanks and on the Kenai Peninsula during the period March 1 - October 28, 2002. Although relatively new, the van has increased efficiency by reducing unnecessary manual inspection of vehicles with brake systems that are operational. Inspectors are able to make accurate, on the spot determinations of malfunctioning braking systems irrespective of season and weather in areas away from weigh stations.

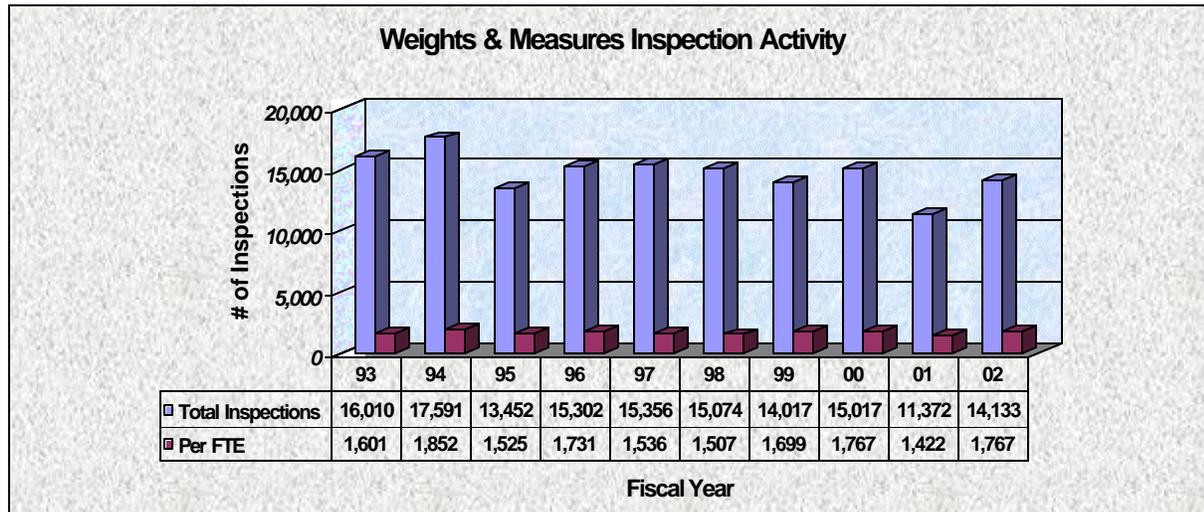
Measure:

Weighing and measuring device inspections conducted per full-time equivalent employee of the division.

Sec 148 Ch 124 SLA 2002(HB 515)

Alaska's Target & Progress:

During FY2002, there were a total of 14,133 weighing and measuring devices inspected for a total of 1,767 inspections conducted per full-time equivalent employee of the division compared to 1,422 inspections conducted per full-time equivalent employee in FY01. In addition, 5,398 packages were weighed from a sample of 101,938 packages.



Benchmark Comparisons:

To date, there is no established national standard for this performance measure. The Department's goal is to maintain a level of 15,000 – 20,000 inspections per year based upon a 0% vacancy factor. Package quantity inspections are not included in the inspection count since our measure is set on device inspections. During FY02, our inspectors increased their package and scanner inspections by 33%. This represents a conscious decision to expend more of our division resources on this activity rather than device inspections.

Background and Strategies:

The predominant factor influencing this measure is the number of available inspection hours. We expect to enhance our productivity by utilizing a new Weights & Measures software program, reducing the need for redundant data entry. The existing software program is approximately 11 years old and is very unreliable. Internal IT personnel are reviewing several software programs that have been specifically designed for a Weights and Measures application. A determination will be made to see if one of these software programs will be suitable for the data collection of the Alaska inspections. One other option is being explored and that is building a database internally. The availability of IT personnel and funding are the major considerations.

FY02 funds were approved for the purchase of a petroleum testing unit for Fairbanks. The unit is currently in the process of being built. Once completed, this will allow the testing of medium capacity petroleum meters in the Fairbanks region.

FY03 funds were approved for the purchase of three flatbed trucks. One will enhance the testing of medium and large scales in the Anchorage and Kenai Peninsula areas. The remaining two will be utilized in Southeast Alaska for the testing of medium and large scales and medium capacity petroleum meters.

Measurement Standards & Comm Vehicle Enforcement

BRU Financial Summary by Component

All dollars in thousands

	FY2002 Actuals				FY2003 Authorized				FY2004 Governor			
	General Funds	Federal Funds	Other Funds	Total Funds	General Funds	Federal Funds	Other Funds	Total Funds	General Funds	Federal Funds	Other Funds	Total Funds
<u>Formula Expenditures</u>												
None.												
<u>Non-Formula Expenditures</u>												
Measurement Standards	2,046.9	0.0	2,016.1	4,063.0	1,936.1	0.0	2,891.7	4,827.8	1,722.2	0.0	2,929.5	4,651.7
DOT State Facilities Rent	11.3	0.0	0.0	11.3	11.4	0.0	0.0	11.4	11.4	0.0	0.0	11.4
Totals	2,058.2	0.0	2,016.1	4,074.3	1,947.5	0.0	2,891.7	4,839.2	1,733.6	0.0	2,929.5	4,663.1

**Measurement Standards & Comm Vehicle Enforcement
Proposed Changes in Levels of Service for FY2004**

See component.

**Measurement Standards & Comm Vehicle Enforcement
Summary of BRU Budget Changes by Component
From FY2003 Authorized to FY2004 Governor**

All dollars in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2003 Authorized	1,947.5	0.0	2,891.7	4,839.2
Adjustments which will continue current level of service:				
-Measurement Standards	0.9	0.0	37.8	38.7
Proposed budget decreases:				
-Measurement Standards	-214.8	0.0	0.0	-214.8
FY2004 Governor	1,733.6	0.0	2,929.5	4,663.1