

State of Alaska FY2005 Governor's Operating Budget

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

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Measurement Standards & Comm Vehicle Enforcement Results Delivery Unit

Contribution to Department's Mission

- Enhance Motoring Public Safety and Protect Public Infrastructure
- Assure Market Place Confidence and Equitable Trade

Core Services

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

End Results	Strategies to Achieve Results
<p>(1) Reduce fatalities and injuries from crashes involving commercial motor vehicles (CMV).</p> <p><u>Target:</u> Reduce commercial motor vehicle fatalities involving CMV to below 10 year average. <u>Measure:</u> Number of fatalities compared to running 10 year average.</p> <p>(2) Protect and preserve highway infrastructure.</p> <p><u>Target:</u> 98% commercial motor vehicle weight compliance at fixed and mobile inspection sites. <u>Measure:</u> Percent of weight compliant commercial motor vehicles.</p> <p>(3) Assure and maintain market place confidence and equitable trade</p> <p><u>Target:</u> Increase scale, meter and scanner compliance rate by 2%. <u>Measure:</u> Percent change in compliance rate compared to three year average.</p>	<p>(1) Increase the safety of commercial motor vehicles.</p> <p><u>Target:</u> Reduce the CMV vehicle out of service rate by 5%. <u>Measure:</u> Percent change from prior year of commercial motor vehicle out of service rate.</p> <p><u>Target:</u> 100% of New Entrant carriers receive compliance review within 18 months of U.S. DOT registration. <u>Measure:</u> Percent of New Entrant compliance reviews.</p> <p>(2) Reduce number of illegal oversize/overweight CMV's on highways.</p> <p><u>Target:</u> Increase the number of roadside (mobile enforcement) commercial truck inspections by 15% over prior three year average. <u>Measure:</u> Percent change in truck inspections over prior three year average.</p> <p>(3) Provide efficient inspection program.</p> <p><u>Target:</u> Increase the number of inspections by 2%. <u>Measure:</u> Percent change of scale, meter, scanner inspections as compared to prior three year average.</p>

Major Activities to Advance Strategies

- | | |
|--|---|
| <ul style="list-style-type: none"> • Conduct CMB Inspections • Conduct Brake Inspections • Screen CMV (buses and trucks) using infrared imaging systems • Conduct New Entrant Compliance reviews • Conduct Commercial Vehicle Safety Alliance Level I | <ul style="list-style-type: none"> • Permit inspections • Issue oversize/overweight permits • Electronically weigh and identify overweight vehicles at Port of Anchorage • Electronically weigh and identify overweight truck inspections at New Seward Highway at 76th |
|--|---|

Major Activities to Advance Strategies

- inspections
- Electronically inspect
- Perform Weight inspections
- Gain enforcement efficiencies through deployment of CVISN
- Test weight enforcement scales
- Weights and Measure Inspections
- Weights and Measures equipment testing and certification
- Weights and Measures and industry equipment calibrations
- Comply with NIST requirements for the specific recognition year
- Perform and develop Measurement Assurance Program

FY2005 Resources Allocated to Achieve Results

FY2005 Results Delivery Unit Budget: \$4,712,700	Personnel:	
	Full time	62
	Part time	0
	Total	62

Performance Measure Detail

(1) Result: Reduce fatalities and injuries from crashes involving commercial motor vehicles (CMV).

Target: Reduce commercial motor vehicle fatalities involving CMV to below 10 year average.
Measure: Number of fatalities compared to running 10 year average.

Number of Commercial Motor Vehicle Fatalities

Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
2000	not available	not available	not available	not available	4
2001	not available	not available	not available	not available	10
2002	not available	not available	not available	not available	4
2003	not available				

Analysis of results and challenges: Data was collected from the FARS database and is reported annually. The most recent data available is for 1993-2002. Data is reported on a calendar year basis, therefore data for 2003 is not yet available. The ten-year average is 8 fatalities.

Large trucks represent about 4% of registered vehicles; however, they account for 7% of the vehicle-miles traveled on our Nation's highways. In 2002, 4,984 people died in crashes involving a large truck, compared to 5,082 in 2001 and 5,282 in 2000. While significant progress is being made toward meeting the goal of saving lives by preventing truck and bus crashes, much more needs to be done. Violations add potential risk posed by the conditions covered by the violation. Risk is defined as the likelihood that a violation would be a contributing factor to a crash or hazardous materials release or exposure.

The challenge is to distinguish among violations that contribute to a significant, immediate risk of a crash or hazardous materials incident; violations that pose less significant risks; and violations that pose little or no risk. Then categorize the levels of significance and target our enforcement in those areas where the most potential for immediate risk of a crash or hazardous materials incident to lower the number of fatalities and injuries.

(2) Result: Protect and preserve highway infrastructure.

Target: 98% commercial motor vehicle weight compliance at fixed and mobile inspection sites.

Measure: Percent of weight compliant commercial motor vehicles.

Percent of Compliant Commercial Motor Vehicles

Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
2002	not available	not available	not available	not available	99.5%
2003	not available	not available	not available	not available	98.0%

Analysis of results and challenges: Division inspection efforts will focus on maintaining the high level of compliance at weigh stations and improving compliance at the roadside inspection locations. Weight compliant CMV's do not contribute to premature deterioration of Alaska's highways.

(3) Result: Assure and maintain market place confidence and equitable trade

Target: Increase scale, meter and scanner compliance rate by 2%.

Measure: Percent change in compliance rate compared to three year average.

Scale, Meter, Scanner and Package Quantity Compliance Rate

Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
2002	not available	not available	not available	not available	91%
2003	not available	not available	not available	not available	91%

Analysis of results and challenges: Compliance rates average 91%, and this trend is expected to continue. The percentage of compliance rates decreased in the scanner program in FY03 primarily due to the initial inspection of new businesses. Improved compliance rates may be achieved through public education during the inspection process.

(1) Strategy: Increase the safety of commercial motor vehicles.

Target: Reduce the CMV vehicle out of service rate by 5%.

Measure: Percent change from prior year of commercial motor vehicle out of service rate.

Commercial Motor Vehicle Out of Service Rate

Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
2002	not available	not available	not available	not available	24.9%
2003	not available	not available	not available	not available	22.7%

Analysis of results and challenges: Risk management is the process by which an organization identifies and understands sources of risk, makes decisions on how to allocate resources to address these risks, and confirms the validity of these decisions using performance results. MS&CVE is using risk-based decision-making to enhance agency efforts to promote the safe operation of commercial motor vehicles (CMV's).

One approach is in the risk-based differentiation of the vehicle, driver, and hazardous materials violations found during inspections. MS&CVE can focus enforcement and education about out of service criteria during safety inspections by using those resources on controlling violations that present the highest risk of the driver or vehicle being put out of service.

There is considerable probability of an increase in the percentage rate for out of service violations for both driver and vehicle as a result of CVE's focus on the second truck population. This increase should be relatively short-term as the second truck population comes into compliance with the latest regulation, by education and enforcement.

Target: 100% of New Entrant carriers receive compliance review within 18 months of U.S. DOT registration.

Measure: Percent of New Entrant compliance reviews.

Percent of New Entrants Receiving Compliance Reviews

Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
2003	not available				

Analysis of results and challenges: This is a new program from the Federal Motor Carrier Safety Administration (FMCSA). FMCSA develops, maintains, and enforces federal regulations that promote carrier safety, industry productivity, and new technologies. The FMCSA regulations establish safe operating requirements for commercial vehicle drivers, carriers, vehicles, and vehicle equipment. The Motor Carrier Safety Assistance Program (MCSAP) is a federal grant program that provides states with financial assistance to hire staff and implement strategies to enforce FMCSA regulations and hazardous materials regulations. MCSAP funds are used to conduct roadside inspections and review motor carriers' compliance with the associated regulations. MCSAP funds promote detection and correction of commercial motor vehicle safety defects, commercial vehicle driver deficiencies, and unsafe motor carrier practices before they become contributing factors to crashes and hazardous materials incidents.

(2) Strategy: Reduce number of illegal oversize/overweight CMV's on highways.

Target: Increase the number of roadside (mobile enforcement) commercial truck inspections by 15% over prior three year average.

Measure: Percent change in truck inspections over prior three year average.

Commercial Motor Vehicle Inspections

Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
2002	not available	not available	not available	not available	1,748
2003	not available	not available	not available	not available	4,110

Analysis of results and challenges: CMV's that do not routinely pass through a fixed weigh station location for inspection are more likely to be non-compliant in both size and weight. Division inspection efforts will focus on identifying and correcting non-compliant over size and over weight vehicles as both pose serious threats to highway safety and premature deterioration of Alaska's roads and bridges.

(3) Strategy: Provide efficient inspection program.

Target: Increase the number of inspections by 2%.

Measure: Percent change of scale, meter, scanner inspections as compared to prior three year average.

Number of Registered Commercial Weighing and Measuring Devices Inspected

Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD Total
2002	not available	not available	not available	not available	14,360
2003	not available	not available	not available	not available	15,106

Analysis of results and challenges: Scales: A marked increase in the number of retail scales especially in the large grocery store outlets increased the number of devices inspected in FY02 and FY03. We expect minimal future growth in this area.

Meters: A marked increase in the addition of new retail dispensers and the opening of new businesses in FY02 and FY03 increased the number of devices inspected. We expect minimal future growth in this area.

Scanners: A marked increase in the installation of scanner systems occurred during FY02 and FY03 increasing the number devices inspected. We anticipate the trend to continue in FY04 and FY05.

Key RDU Challenges

see component

Significant Changes in Results to be Delivered in FY2005

See component.

Major RDU Accomplishments in 2003

see component

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**Measurement Standards & Comm Vehicle Enforcement
RDU Financial Summary by Component**

All dollars shown in thousands

	FY2003 Actuals				FY2004 Authorized				FY2005 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	1,918.0	0.0	2,562.0	4,480.0	1,738.4	0.0	2,968.5	4,706.9	1,590.7	0.0	3,110.6	4,701.3
DOT State Facilities Rent	11.0	0.0	0.0	11.0	11.4	0.0	0.0	11.4	11.4	0.0	0.0	11.4
Totals	1,929.0	0.0	2,562.0	4,491.0	1,749.8	0.0	2,968.5	4,718.3	1,602.1	0.0	3,110.6	4,712.7

**Measurement Standards & Comm Vehicle Enforcement
Summary of RDU Budget Changes by Component
From FY2004 Authorized to FY2005 Governor**

All dollars shown in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2004 Authorized	1,749.8	0.0	2,968.5	4,718.3
Adjustments which will continue current level of service:				
-Measurement Standards	0.0	0.0	142.1	142.1
Proposed budget decreases:				
-Measurement Standards	-147.7	0.0	0.0	-147.7
FY2005 Governor	1,602.1	0.0	3,110.6	4,712.7