Fall 2011 Monitoring Forest Operations Statistics:
Contacts, Citation, Constraints & Keywords

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Citation	
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Online Linkage:	srd.alberta.ca/LandsForests/ForestManagement/ ForestManagementStatistics/ComplianceMonitoringEnforcementStatistics.aspx.
General Constraints and Security	
Access Constraints:	General public access via the external ESRD web site.
Use Constraints:	General public use. See Disclaimer at: srd.alberta.ca/LandsForests/ForestManagement/ ForestManagementStatistics.
Security Information:	
Security Classification:	Unrestricted
Keywords	
Keywords:	Inspections; FOM; SAM; Forest Operations Monitoring; Silviculture-ARIS Monitoring; monitoring forest operations; FOMP; Forest Operations Monitoring Program; forest industry inspections; compliance; forestry audit; timber volume harvested; monitoring forest operations statistics; forest management; FOM statistics; SAM statistics; FOMP statistics

Fall 2011 Monitoring Forest Operations Statistics:
Table 1 and Figure 4

General	
Title:	**Number of Forest Operations Monitoring (FOM) Inspections and Number of Silviculture ARIS Monitoring (SAM) Inspections conducted under the Forest Operations Monitoring Program (FOMP).**
Abstract:	This dataset summarizes the number of active timber harvesting and reforestation activities (FOM) as well as SAM inspections conducted between May 1, 2010 and April 30, 2011. SAM inspections are required to help verify/validate treatment data that is recorded in the Alberta Reforestation Information System (ARIS)
Purpose:	To assess the number of monitoring inspections completed within the timber year (May 1 to April 30).
Supplemental Information:	The number of FOM inspections may include "repeat" inspections on the same block in the same timber year. It may also include inspections completed on blocks logged prior to May 1, 2010. SAM inspection targets are set using a combination of risk multipliers - this is documented in our SOP Sampling Determination and Risk Multipliers.
Time Period and Status	
Time Period of Content:	Timber year from May 1, 2010 to April 30, 2011
Maintenance Progress:	Preliminary
Update Frequency:	Annual
Date of Last Update	January 26, 2012
Data Quality and Process Information	
Source Information:	Alberta's Geographic Land Information Management and Planning System (GLIMPS) database
Assumptions:	The FOM inspection numbers may include multiple inspections per block The correct Alberta Township System information is associated with an ARIS Opening Number.
Process Description:	The GLIMPS data set is queried to extract all FOM and SAM inspection data for the period of May 1, 2010 to April 30, 2011. To determine the appropriate Land-use Framework Planning Region, the location information down to the section level was parsed from the ARIS number, which created the MRTS field using this information. The section polygons for the entire province were converted to points. An overlay (UNION in ArcGIS) of the LUF regions on the ARIS points was completed. The data was exported to MSExcel and summarized by LUF by creating a pivot table from the data. Any LUF missing were later manually guestimated based on the Forest Management Unit in GLIMPS.

Alberta Government

Process Date	2012-01-26

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Attribute Information

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| Attribute Description: | Land-use Framework Planning Region- seven regions established by the Government of Alberta for regional planning.

No. of FOM inspections- the number of Forest Operations Monitoring (FOM) inspections conducted by the department. This involves inspections of active timber harvesting and reforestation activities, as part of the Forest Operations Monitoring Program (FOMP).

No. of SAM inspections-the number of Silviculture-ARIS Monitoring (SAM) inspections conducted by the department. This involves the comparison of samples of the Alberta Regeneration Information System (ARIS) database records with the forest company's approved reforestation plan, the company's records and the department's field observations, as part of the Forest Operations Monitoring Program (FOMP).

Total number of FOMP inspections- The total number of Forest Operations Monitoring Program inspections calculated by adding the number of FOM inspections and the SAM inspections.

Total timber volume harvested in Alberta (m^3)- The volume of timber harvested under the authority of the timber disposition.

Preliminary (p)-number reported for the first time in the Sustainable Forest Management: Current Facts & Statistics. This usually applies to the most recent reporting year of each statistic.

Note: the above information does not pertain to the timber volume harvested shown in Table 1 and Figure 5. For details about the timber volume harvested, please see the Data Source & Contacts document for the Timber Volume Harvested, 2011.

See also Glossary of Terms. |
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