

## MACKENZIE VALLEY WINTER ROADS

1. How many loads have been trucked up the Mackenzie River winter roads to date this winter season and what is expected to be the total number of loads for the 2013 winter road season?
2. How many loads are projected to travel on the Mackenzie Valley winter roads in 2013-2014?
3. How many vehicle accidents have occurred on the Mackenzie Valley winter roads to date this winter road season?
4. How many maintenance cycles are within each contractor's section on the Mackenzie Valley winter roads?

## RESPONSES

1. The number of loads trucked up the Mackenzie Valley Winter Road and the expected total for the 2013 season is not yet known. Traffic counters were installed by the Department of Transportation early in the winter road season, including a counter that classifies heavy vehicles vs. light vehicles. Total traffic volume and the number of trucks will not be known until the traffic counters are retrieved at the end of the season. Based on total traffic volumes and classification data collected in previous years, the estimated number of trucks on the Mackenzie Valley Winter Road south of Tulita are as follows:

| Year     | 2005  | 2006  | 2007  | 2008  | 2009  | 2010 | 2011  | 2012  |
|----------|-------|-------|-------|-------|-------|------|-------|-------|
| # Trucks | 1,524 | 1,694 | 3,085 | 2,603 | 1,180 | 664  | 1,361 | 2,370 |

2. At present, the department does not have information on the projected number of trucks on the Mackenzie Valley Winter Road for the current 2013-14 season. The Department of Transportation will work with industry in planning for the 2013 winter road season to ensure all loads can be safely managed on the winter road.
3. To date, the Department of Transportation has not received any reports from the RCMP for collisions occurring on the Mackenzie Valley Winter Road in 2013. We are aware of a few collisions but have not yet received the RCMP reports for these. The tables below indicate the number of collisions on each of the Mackenzie Valley, Déline, and Colville Lake Winter Roads by year and severity from 2001 to 2012:

### A. Mackenzie Valley Winter Road

|                 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | Total |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Fatal           | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1     |
| Injury          | 0    | 0    | 0    | 2    | 2    | 2    | 0    | 1    | 0    | 0    | 1    | 0    | 8     |
| Property Damage | 1    | 0    | 3    | 6    | 3    | 3    | 4    | 3    | 3    | 0    | 2    | 3    | 31    |
| Total           | 1    | 0    | 4    | 8    | 5    | 5    | 4    | 4    | 3    | 0    | 3    | 3    | 40    |

B. D eline Winter Road

|                 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | Total |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Fatal           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Injury          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Property Damage | 0    | 0    | 2    | 0    | 0    | 0    | 2    | 1    | 0    | 0    | 0    | 0    | 5     |
| Total           | 0    | 0    | 2    | 0    | 0    | 0    | 2    | 1    | 0    | 0    | 0    | 0    | 5     |

C. Colville Lake Winter Road

|                 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | Total |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Fatal           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Injury          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Property Damage | 0    | 0    | 0    | 2    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3     |
| Total           | 0    | 0    | 0    | 2    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3     |

- Each maintenance zone is funded for 12 maintenance passes. That pass includes a round trip of a grader pulling a drag. In each zone, some funding is also available to address minor repairs and overflow. Major storms and other unforeseen events beyond the regular operation and maintenance of the road impact the number of maintenance passes available within the budget allocation.

In addition, industry contributes funding for the maintenance zones between Wrigley and Norman Wells for additional watering to build up the capacity of the road and to extend the operational season to accommodate heavy loads and rig movements.