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## WRITTEN QUESTIONS FORM

3<sup>rd</sup> Session, 65<sup>th</sup> General Assembly  
Legislative Assembly of PEI

Question number: 22	Question date: January 15, 2018
Question asked by: Jamie Fox, Member for Borden-Kinkora	
Question asked of ( <i>department</i> ): Transportation, Infrastructure and Energy	
Question answered by ( <i>Minister</i> ): Hon. Paula Biggar	Date answer received by Clerk's Office: 26.01.18

**QUESTION:** Please provide tonnage or road salt and road sand used on Island roads and highways per year winter for seasons 2011-2016, and for the season on 2016-17, provide the projected budget allotment.

**ANSWER:**

**Road salt tonnage\* 2011-2016**

11/12 25,400  
12/13 24,900  
13/14 34,400  
14/15 29,400  
15/16 23,400  
16/17 22,800

**Road sand tonnage\* 2011-2016**

11/12 62,200  
12/13 70,600  
13/14 95,400  
14/15 94,200  
15/16 70,500  
16/17 84,800

\*These are estimates based on visual assessments of stockpiles located across the province to determine the amount of unused material from previous winter.

The budget allocation for fiscal 16/17 = \$1,588,300 (salt) & \$2,077,500 (sand)



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Question number: 23	Question date: January 15, 2018
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Question asked of ( <i>department</i> ): Transportation, Infrastructure and Energy	
Question answered by ( <i>Minister</i> ): Hon. Paula Biggar	Date answer received by Clerk's Office: 20.01.18

**QUESTION:** Has there been any change to the application or grade of road salt used on Provincial roads or highways by the Province of PEI?

#### ANSWER:

The application or grade of road salt used on Provincial roads or highways by the Province of PEI has remained unchanged since 2002. (See attached.) However, the practice of pre-wetting our salt has increased every year as we have started to replace older equipment with units that have this capability. Pre-wetting reduces salt loss during spreading with less dry material bouncing off the road and into ditches.

Department of Transportation, Infrastructure and Energy

STORM RESPONSE GUIDE

Temp.	Pavement Condition	Precip.	Instructions	Application Guidelines		
				Class A	Class B	Class C
0°C and warmer	1	Snow	Plow, then salt or sand	Salt 65 kg/ 1 lane Salt 130 kg/ 2 lane	Sand	Sand hills, curves, intersections, slippery spots.
	2	Freezing Rain	Sand or salt	Salt 37.5 kg/ 1 lane Salt 75 kg/ 2 lane	Sand – salt may be used if high traffic	Sand hills, curves, intersections, slippery spots.
0°C to -4°C	3	Snow	Plow, then salt or sand Repeat if necessary at 50%	Salt 90 kg/ 1 lane Salt 180 kg/ 2 lane	Sand	Sand hills, curves, intersections, slippery spots.
	4	Freezing Rain	Sand or salt Repeat if necessary at 50%	Salt 65 kg/ 1 lane Salt 130 kg/ 2 lane	Sand – salt may be used on high traffic collectors after As salted	Sand hills, curves, intersections, slippery spots.
-4°C to -12°C	5	Snow	Plow, then salt or sand Repeat if necessary at 50%	Salt 100 kg/ 1 lane Salt 200 kg/ 2 lane	Sand	Sand hills, curves, intersections, slippery spots.
	6	Freezing Rain	Sand or salt	Sand	Sand	Sand hills, curves, intersections, slippery spots.
Below -12°C	7	Nil	Sand or salt 250kg only, some sections	Sand	Sand	Sand hills, curves, intersections, slippery spots.
	8	Snow	Plow, then sand	Sand	Sand	Sand hills, curves, intersections, slippery spots.
Note:	Class A Roads – Arterial and Collector roads Class B Roads – High Traffic Collectors and some Local roads Class C Roads – Low Traffic Collectors and Local roads					