# Regulatory Costing Calculator – Hands on Training Cheat Sheets

## Regulation Details

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| **Name of regulatory change:** | Regulations Supporting the Safe International and Interprovincial Operation of Self-Driving Vehicles  |
| **Select type:** | "IN" (One-for-One Rule) |
| **Responsible Department (s):** | Autonomous Vehicles Agency of Canada |
| **Brief description of the regulation:** | This regulation is intended to set guidelines for the safe operation of self-driving vehicles (SDV) used for commercial purposes to transport goods between provinces and into neighboring countries.The regulation sets up minimal standards required for businesses to be licensed operators of such vehicles and requires retailers to provide key data before being registered as approved sellers of such vehicles. |

## Stakeholder Groups

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| **Custom Stakeholder Groups** |
| Name | Small | Medium/Large | Total | Growth Rate |
| Truck Transportation using SDV | 70,269 | 212 | 70,481 | 10% |
| Vehicle Dealers Selling SDV | 50 | 25 | 75 | 10% |
| **NAICS Stakeholder Groups[[1]](#footnote-1)** |
| Name | Associated NAICS |
| NAICS Group 1 | 441110 - New Car Dealers |
| NAICS Group 2 | 484 - Truck Transportation |

## Administrative Burden Costs

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| Activity Name | Stakeholder Group  | Timing | Time (hours) / Number of Units | Wage/Cost per Unit | Frequency |
| **1. Dealership Registration** | Vehicle Dealers (100% - All Businesses) | Upfront + New Entrants | 3 hours | Canada average | 1 |
| Activity Description | Each dealership must register immediately when the regulation becomes law. The requirement occurs once for existing businesses and then every year for new entrants (frequency = 1).  |
| Sources & Assumptions | Data indicates that similar business registration forms in the past have taken on average 3 hours to complete. As the forms are not overly complex it is likely that an average Canadian could complete them. |
| **2. Licence Application** | Truck Transporter (10% - All Businesses) | Ongoing | 1 hour | Contractors and supervisors in trades and transportation | 1 time / 2 years = 0.5 |
| Activity Description | 10% of each Transporter must apply for a licence to operate SDV to transport goods. Licenses need to be applied for every two years (Frequency = 0.5).  |
| Sources & Assumptions | Internal testing has determined the licencing procedure takes an hour to complete and stakeholders have indicated that the task will need to be done by a supervisor in transportation. |
| **3. Event Reporting** | Truck Transporter(10% - All Businesses initial option mid/large flexible option ) | Ongoing | 4 hours | Administrative support | 2 times / 1 year = 2 |
| Activity Description | Transport companies must report every 6 months (frequency = 2) a summary of all accidents resulting in property damage or injury where a SDV was involved.  |
| Sources & Assumptions | Surveyed companies have responded that they expect it will take about 4 hours to complete the report and will be done by administrative staff. |

## Compliance Costs

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| Activity Name | Stakeholder Group  | Timing | Time (hours) / Number of Units | Wage/Cost per Unit | Frequency |
| **4. Installation of GPS Units** | Truck Transporter(10% - All Businesses) | Upfront + New Entrants | 3 hours + 15 units | Machine operators + $340 | 1 |
| Activity Description | Companies using SDV will be required to install GPS tracking units on all trucks.  |
| Sources & Assumptions | Market research reveals mid-range GPS unit costs $340. an average of 15 vehicles per company. The installation will be done by machine operators, internally employed by the companies and will take 3 hours to complete. |

1. <http://www.statcan.gc.ca/subjects-sujets/standard-norme/naics-scian/2007/list-liste-eng.htm> - In addition to the RCC refer to Statistics Canada to help find the appropriate North American Industrial Classification System [↑](#footnote-ref-1)