



State Safety Programme (SSP) Workshop

Georgetown, Guyana - 2017

PHASES 3 AND 4 – CASE STUDY N° 09

**High- and lower-consequence indicators and
target and alert levels**

A. OBJECTIVES:

That each working group develop high- and lower-consequence indicators with their target and alert levels.

B. GENERAL INSTRUCTIONS:

1. Read the instructions provided for the case study and designate a secretary and team leader in each group.
2. Exchange ideas and concepts, and reach consensus on the assigned case based on the information provided.
3. Once the above has been completed, the team leader or the designated person shall present the results of their work.

C. CASE STUDY N° 9: ESTABLISHMENT OF HIGH- AND LOWER-CONSEQUENCE INDICATORS AND SETTING OF THEIR RESPECTIVE TARGET AND ALERT LEVELS

Based on the following data, calculate the average rate for each year, the target for 2017 and the corresponding alert levels by manually applying the formula described in the document on [alert level calculation](#) to be found in the workshop supporting document file.

- ✓ Indicator parameter: accident rate per million departures within a one-year period
- ✓ Number of accidents in 2012: 6
- ✓ Number of accidents in 2013: 5
- ✓ Number of accidents in 2014: 3
- ✓ Number of accidents in 2015: 4
- ✓ Number of accidents in 2016: 3
- ✓ Total number of departures per year: 2.000.000
- ✓ A 10% improvement has been agreed for 2017.

D. REFERENCE MATERIAL

- ✓ Doc 9859, Third edition, Appendix 4 – SSP safety performance indicators
- ✓ Document entitled: Alert level calculation

E. ESTIMATED TIME:

It is expected that groups will take 60 minutes to complete the case study and 50 minutes to present their results (10 minutes per group).

F. EXPECTED RESULTS:

The report must be prepared and presented in digital format:

1. In general terms, it is expected that each group will submit in a pen drive or external USB memory a PPT presentation not to exceed 10 slides on the indicators required in the exercise, within the time allotted.
2. Following the presentation by the group, the participants of the workshop will have an open discussion to provide feedback.