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| **Date \_\_\_\_\_\_\_\_\_\_ Month \_\_\_\_\_\_\_\_\_\_ Hospital \_\_\_\_\_\_\_\_\_\_ Unit \_\_\_\_\_\_\_\_\_\_** |

Use this tool to track your progress in reducing ventilator-associated event (VAE) rates by using this information to calculate the incidence rate of VAEs as well as ventilator-associated complication (VAC) events, infection-related ventilator associated complication (IVAC) events, and possible ventilator-associated pneumonia (PVAP) events. Report the following occurrences within the selected month. Collect this data each month for all beds in your unit. The number of VAEs and **total** IVACs should be reported to the National Healthcare Safety Network (NHSN).

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| \_\_\_\_\_\_\_\_ | VENT DAYS | Total number of ventilator days  |
| \_\_\_\_\_\_\_\_ | **VAE** | Total number of ventilator-associated events (VAC + **Total** IVAC) |
| \_\_\_\_\_\_\_\_ | **VAC** | Total number of ventilator-associated complications |
| \_\_\_\_\_\_\_\_ | **IVAC** (excluding PVAP) | Total number of infection-related ventilator-associated complications events, **excluding PVAP**  |
| \_\_\_\_\_\_\_\_ | **PVAP** | Total number of possible ventilator-associated pneumonia events  |
| \_\_\_\_\_\_\_\_ | **Total IVAC** (IVAC+PVAP) | Combined total number of IVAC and PVAP events |

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| **CALCULATING VAE MEASURES PER 1,000 VENTILATOR DAYS** |
| VAE Rate | [(# of VAC events) + (# of IVAC events) + (# of PVAP events) / (Total vent days)] \* 1000 |
| VAC Rate | (# of VAC events / Total vent days) \* 1000 |
| IVAC Rate | (# of IVAC events / Total vent days) \* 1000 |
| PVAP Rate | (# of PVAP events) / (Total vent days) \* 1000 |
| **Total** IVAC Rate | [(# of IVAC events) + (# of PVAP) / (Total vent days)] \* 1000 |

Additional instructions for calculating VAE measures can be found in the [Data Measures Guide](https://www.ahrq.gov/sites/default/files/wysiwyg/professionals/quality-patient-safety/hais/tools/mvp/modules/vae/data-measures-guide.docx).

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