



Strengthening
Med Safety in
Long-Term Care



Trailblazer Home

Medication Safety Indicator Worksheet 1

Core Indicators



November 2022

“It’s a marathon, not a sprint!”

Medication Safety in Long Term Care

Trailblazer Home Core Indicator Incident Reporting Worksheet for Ontario Long-Term Care Homes.

Version 1 – November 1, 2022.

Please refer to the Trailblazer Home Medication Safety Indicator Instruction Book, available at <https://ismpcanada.ca/resource/ltc/measuring-and-evaluating/> for information on how to use this worksheet.

1. Complete the worksheets for the timeframes:
 - a. For the preceding year, to be submitted as soon as possible:
 - i. Quarter 4 2021: Oct, Nov, Dec, 2021
 - ii. Quarter 1 2022: Jan, Feb, Mar, 2022
 - iii. Quarter 2 2022: Apr, May, Jun, 2022
 - iv. Quarter 3 2022: Jul, Aug, Sep, 2022
 - b. For the upcoming half year, to be submitted quarterly as available:
 - i. Quarter 4, 2022: Oct, Nov, Dec, 2022
 - ii. Quarter 1, 2023: Jan, Feb, Mar, 2023
 - iii. Quarter 2, 2023: Apr, May, Jun, 2023 – optional but encouraged
2. Do not identify any residents/family/staff in the worksheets submitted to ISMP Canada
3. These worksheets can be submitted confidentially to LTC@ismpcanada.ca

Home:


Number of beds:

Quarter: 4

Year: 2021

Months: Oct, Nov, Dec

Compare these numbers with previous quarters or other homes.
 Is anything significantly different?
 Does anything need further investigation?



	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses		X 100 =	÷ beds	
Number of incidents causing no harm (reached resident but did not cause harm)		X 100 =	÷ beds	
Number of incidents causing harm		X 100 =	÷ beds	
Number of incidents causing death		X 100 =	÷ beds	
Total of above		X 100 =	÷ beds	
Number of incidents above related to contributing factor category:				
Task		X 100 =	÷ beds	
Environment		X 100 =	÷ beds	
Organization		X 100 =	÷ beds	
Care Team		X 100 =	÷ beds	
Resident		X 100 =	÷ beds	
Equipment		X 100 =	÷ beds	
Other		X 100 =	÷ beds	
Number of Medication incidents that altered the resident's health status or required enhanced monitoring		X 100 =	÷ beds	
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)		X 100 =	÷ beds	
Number of resident transfers to emergency department		X 100 =	÷ beds	
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia		X 100 =	÷ beds	

Home:


Number of beds:

Quarter: 1

Year: 2022

Months: Jan, Feb, Mar

Compare these numbers with previous quarters or other homes.
 Is anything significantly different?
 Does anything need further investigation?



	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses		X 100 =	÷ beds	
Number of incidents causing no harm (reached resident but did not cause harm)		X 100 =	÷ beds	
Number of incidents causing harm		X 100 =	÷ beds	
Number of incidents causing death		X 100 =	÷ beds	
Total of above		X 100 =	÷ beds	
Number of incidents above related to contributing factor category:				
Task		X 100 =	÷ beds	
Environment		X 100 =	÷ beds	
Organization		X 100 =	÷ beds	
Care Team		X 100 =	÷ beds	
Resident		X 100 =	÷ beds	
Equipment		X 100 =	÷ beds	
Other		X 100 =	÷ beds	
Number of Medication incidents that altered the resident's health status or required enhanced monitoring		X 100 =	÷ beds	
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)		X 100 =	÷ beds	
Number of resident transfers to emergency department		X 100 =	÷ beds	
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia		X 100 =	÷ beds	

Home:


Number of beds:

Quarter: 2

Year: 2022

Months: Apr, May, Jun

Compare these numbers with previous quarters or other homes.
Is anything significantly different?
Does anything need further investigation?



	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses		X 100 =	÷ beds	
Number of incidents causing no harm (reached resident but did not cause harm)		X 100 =	÷ beds	
Number of incidents causing harm		X 100 =	÷ beds	
Number of incidents causing death		X 100 =	÷ beds	
Total of above		X 100 =	÷ beds	
Number of incidents above related to contributing factor category:				
Task		X 100 =	÷ beds	
Environment		X 100 =	÷ beds	
Organization		X 100 =	÷ beds	
Care Team		X 100 =	÷ beds	
Resident		X 100 =	÷ beds	
Equipment		X 100 =	÷ beds	
Other		X 100 =	÷ beds	
Number of Medication incidents that altered the resident's health status or required enhanced monitoring		X 100 =	÷ beds	
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)		X 100 =	÷ beds	
Number of resident transfers to emergency department		X 100 =	÷ beds	
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia		X 100 =	÷ beds	

Home:


Number of beds:

Quarter: 3

Year: 2022

Months: Jul, Aug, Sep

Compare these numbers with previous quarters or other homes.
Is anything significantly different?
Does anything need further investigation?




	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses		X 100 =	÷ beds	
Number of incidents causing no harm (reached resident but did not cause harm)		X 100 =	÷ beds	
Number of incidents causing harm		X 100 =	÷ beds	
Number of incidents causing death		X 100 =	÷ beds	
Total of above		X 100 =	÷ beds	
Number of incidents above related to contributing factor category:				
Task		X 100 =	÷ beds	
Environment		X 100 =	÷ beds	
Organization		X 100 =	÷ beds	
Care Team		X 100 =	÷ beds	
Resident		X 100 =	÷ beds	
Equipment		X 100 =	÷ beds	
Other		X 100 =	÷ beds	
Number of Medication incidents that altered the resident's health status or required enhanced monitoring		X 100 =	÷ beds	
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)		X 100 =	÷ beds	
Number of resident transfers to emergency department		X 100 =	÷ beds	
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia		X 100 =	÷ beds	

Home:

Number of beds:

Quarter: 4 Year: 2022 Months: Oct, Nov, Dec

Compare these numbers with previous quarters or other homes.
 Is anything significantly different?
 Does anything need further investigation?



	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses		X 100 =	÷ beds	
Number of incidents causing no harm (reached resident but did not cause harm)		X 100 =	÷ beds	
Number of incidents causing harm		X 100 =	÷ beds	
Number of incidents causing death		X 100 =	÷ beds	
Total of above		X 100 =	÷ beds	
Number of incidents above related to contributing factor category:				
Task		X 100 =	÷ beds	
Environment		X 100 =	÷ beds	
Organization		X 100 =	÷ beds	
Care Team		X 100 =	÷ beds	
Resident		X 100 =	÷ beds	
Equipment		X 100 =	÷ beds	
Other		X 100 =	÷ beds	
Number of Medication incidents that altered the resident's health status or required enhanced monitoring		X 100 =	÷ beds	
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)		X 100 =	÷ beds	
Number of resident transfers to emergency department		X 100 =	÷ beds	
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia		X 100 =	÷ beds	

Home:


Number of beds:

Quarter: 1

Year: 2023

Months: Jan, Feb, Mar

Compare these numbers with previous quarters or other homes.
Is anything significantly different?
Does anything need further investigation?



	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses		X 100 =	÷ beds	
Number of incidents causing no harm (reached resident but did not cause harm)		X 100 =	÷ beds	
Number of incidents causing harm		X 100 =	÷ beds	
Number of incidents causing death		X 100 =	÷ beds	
Total of above		X 100 =	÷ beds	
Number of incidents above related to contributing factor category:				
Task		X 100 =	÷ beds	
Environment		X 100 =	÷ beds	
Organization		X 100 =	÷ beds	
Care Team		X 100 =	÷ beds	
Resident		X 100 =	÷ beds	
Equipment		X 100 =	÷ beds	
Other		X 100 =	÷ beds	
Number of Medication incidents that altered the resident's health status or required enhanced monitoring		X 100 =	÷ beds	
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)		X 100 =	÷ beds	
Number of resident transfers to emergency department		X 100 =	÷ beds	
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia		X 100 =	÷ beds	

Home:


Number of beds:

Quarter: 2

Year: 2023

Months: Apr, May, Jun

Compare these numbers with previous quarters or other homes.
Is anything significantly different?
Does anything need further investigation?




	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses		X 100 =	÷ beds	
Number of incidents causing no harm (reached resident but did not cause harm)		X 100 =	÷ beds	
Number of incidents causing harm		X 100 =	÷ beds	
Number of incidents causing death		X 100 =	÷ beds	
Total of above		X 100 =	÷ beds	
Number of incidents above related to contributing factor category:				
Task		X 100 =	÷ beds	
Environment		X 100 =	÷ beds	
Organization		X 100 =	÷ beds	
Care Team		X 100 =	÷ beds	
Resident		X 100 =	÷ beds	
Equipment		X 100 =	÷ beds	
Other		X 100 =	÷ beds	
Number of Medication incidents that altered the resident's health status or required enhanced monitoring		X 100 =	÷ beds	
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)		X 100 =	÷ beds	
Number of resident transfers to emergency department		X 100 =	÷ beds	
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia		X 100 =	÷ beds	

Home: North Hammermill Care Centre

EXAMPLE

Compare these numbers with previous quarters or other homes.
Is anything significantly different?
Does anything need further investigation?



Number of beds: 192

Quarter: 2 Year: 2021

Months: April, May, June

	Raw Number in quarter	Multiply by 100	Divide by the number of beds	This is your rate per 100 beds for the quarter
Number of near-misses	17	X 100 = 1700	÷ beds	8.9
Number of incidents causing no harm (reached resident but did not cause harm)	8	X 100 = 800	÷ beds	4.2
Number of incidents causing harm	3	X 100 = 300	÷ beds	1.6
Number of incidents causing death	0	X 100 = 0	÷ beds	0
Total of above	28	X 100 = 2800	÷ beds	14.6
Number of incidents above related to contributing factor category:				
Task	11	X 100 = 1100	÷ beds	5.7
Environment	12	X 100 = 1200	÷ beds	6.3
Organization	6	X 100 = 600	÷ beds	3.1
Care Team	8	X 100 = 800	÷ beds	4.2
Resident	6	X 100 = 600	÷ beds	3.1
Equipment	14	X 100 = 1400	÷ beds	7.3
Other	7	X 100 = 700	÷ beds	3.6
Number of Medication incidents that altered the resident's health status or required enhanced monitoring	10	X 100 = 1000	÷ beds	5.2
Number of incidents that involved high-alert medications (refer to your organization's high alert medication list)	9	X 100 = 900	÷ beds	4.7
Number of resident transfers to emergency department	13	X 100 = 1300	÷ beds	6.8
Number of usages of glucagon/or number of cases of severe unresponsive hypoglycemia	1	X 100 = 100	÷ beds	0.5

