

Indicator Settings

New Indicator (English Variable Name):

Indicator Direction (positive=Better Higher, negative=Better Lower):

- ☒ positive
- ☐ negative

Add Indicator

Rename Indicator:

Original Indicator (English Name):

New Indicator (English Name):

Confirm Rename

Index of Indicator to Delete:

1

Delete Indicator

Reset to Default Indicators

Current Indicator List (Use English Names in Excel)

Show 25 entries

Search:

No.	English Variable Name	Direction	Default_Weight
1	Hand_hygiene_compliance_rate	Positive Indicator	0.062658
2	Hand_hygiene_correctness_rate	Positive Indicator	0.062495
3	Paper_hand_towel_usage	Positive Indicator	0.063798
4	Hand_sanitizer_usage	Positive Indicator	0.063912
5	Environmental_monitoring_pass_rate	Positive Indicator	0.062188
6	Clean_disinfection_isolation_score	Positive Indicator	0.062585
7	Medical_waste_disposal_score	Positive Indicator	0.062367
8	HAI_exam_score	Positive Indicator	0.062465
9	CAUTI	Negative Indicator	0.062188
10	CLABSI	Negative Indicator	0.062187
11	VAP	Negative Indicator	0.06217
12	MRSA	Negative Indicator	0.06219
13	VRE	Negative Indicator	0.062168
14	CRE	Negative Indicator	0.062224
15	CRPA	Negative Indicator	0.062203
16	CRAB	Negative Indicator	0.062201

Showing 1 to 16 of 16 entries

Previous

1

Next

Tips: 1. Excel column names must match 'English Variable Names'; 2. positive=Better Higher, negative=Better Lower

Upload Excel Data (Indicator columns = English Variable Names):

Select File

Browse...No file selected

Reload Uploaded Data

Clear Current Data

Generate Sample Data

Number of Departments:

12

Number of Quarters:

6

Generate Sample Data

Tips: 1. Negative indicators are auto-normalized after upload; 2. Blue columns = Positive-converted

Preprocessed Data Preview (Blue = Normalized Negative Indicators)

Negative indicators preprocessing completed!

Show

10

entries

Search:

Note: Blue columns = Negative indicators (normalized to positive)

	Department	Quarter	Hand_hygiene_compliance_rate	Hand_hygiene_correctness_rate	Paper_hand_towel_usage	Hand_sanitizer_us
1	Department_1	2024_Q1	56.86	91.02	38.6	
2	Department_1	2024_Q2	97.06	86.67	46.14	
3	Department_1	2024_Q3	50.09	40.3	13.87	
4	Department_1	2024_Q4	86.24	59.97	50.99	
5	Department_1	2024_Q5	62.51	92.52	52.71	1
6	Department_1	2024_Q6	81.27	48.91	15.36	
7	Department_2	2024_Q1	79.09	43.21	46.67	
8	Department_2	2024_Q2	76.85	95.68	24.04	1
9	Department_2	2024_Q3	84.43	45.65	20.97	
10	Department_2	2024_Q4	57.82	52.12	50.86	

Showing 1 to 10 of 72 entries

Weight Source Selection:

- ☒ weight_default
- ☐ weight_history_data
- ☐ weight_current_data
- ☐ weight_manual_input

Save Current Weights as Historical Weights

Current Weight Preview

Show 10 entries

Search:

No.	English Variable Name	Direction	Weight
1	Hand_hygiene_compliance_rate	Positive Indicator	0.062658
2	Hand_hygiene_correctness_rate	Positive Indicator	0.062495
3	Paper_hand_towel_usage	Positive Indicator	0.063798
4	Hand_sanitizer_usage	Positive Indicator	0.063912
5	Environmental_monitoring_pass_rate	Positive Indicator	0.062188
6	Clean_disinfection_isolation_score	Positive Indicator	0.062585
7	Medical_waste_disposal_score	Positive Indicator	0.062367
8	HAI_exam_score	Positive Indicator	0.062465
9	CAUTI	Negative Indicator	0.062188
10	CLABSI	Negative Indicator	0.062187

Showing 1 to 10 of 16 entries

Previous12Next

Normalization Min/Max Values

Show 10 entries

Search:

No.	English Variable Name	Normalized Minimum	Normalized Maximum
1	Hand_hygiene_compliance_rate	27.74	100
2	Hand_hygiene_correctness_rate	37.79	100
3	Paper_hand_towel_usage	0	53.16
4	Hand_sanitizer_usage	0	130.84
5	Environmental_monitoring_pass_rate	73.33	100
6	Clean_disinfection_isolation_score	5.83	9.5
7	Medical_waste_disposal_score	7.5	9.5
8	HAI_exam_score	84.75	99.76
9	CAUTI	0	52.63
10	CLABSI	0	5.87

Showing 1 to 10 of 16 entries

Previous12Next

Advanced Settings (Custom)

Calculate NICEI Index

Visualization Type:

☐ CompositePanel

☒ SplitPane

☐ Selected Dept.



Download Results (Excel Format)

NICEI Index Results (Weight Source: Preset Default Weights)

Show 10 entries

Search:

Note: NICEI index ranges from 0 to 1; higher values indicate better performance

No.	Department	Quarter	NICEI Score (TOPSIS)	Distance to Positive Ideal	Distance to Negative Ideal
1	Department_1	2024_Q1	0.5121	0.5514	0.5789
2	Department_1	2024_Q2	0.547	0.506	0.611
3	Department_1	2024_Q3	0.5075	0.5448	0.5613
4	Department_1	2024_Q4	0.5794	0.4648	0.6404
5	Department_1	2024_Q5	0.5636	0.4739	0.6122
6	Department_1	2024_Q6	0.4914	0.5601	0.5412
7	Department_2	2024_Q1	0.4753	0.5751	0.5209
8	Department_2	2024_Q2	0.5436	0.5296	0.6308
9	Department_2	2024_Q3	0.5072	0.536	0.5516
10	Department_2	2024_Q4	0.5377	0.5173	0.6016

Showing 1 to 10 of 72 entries

Previous

1

2

3

4

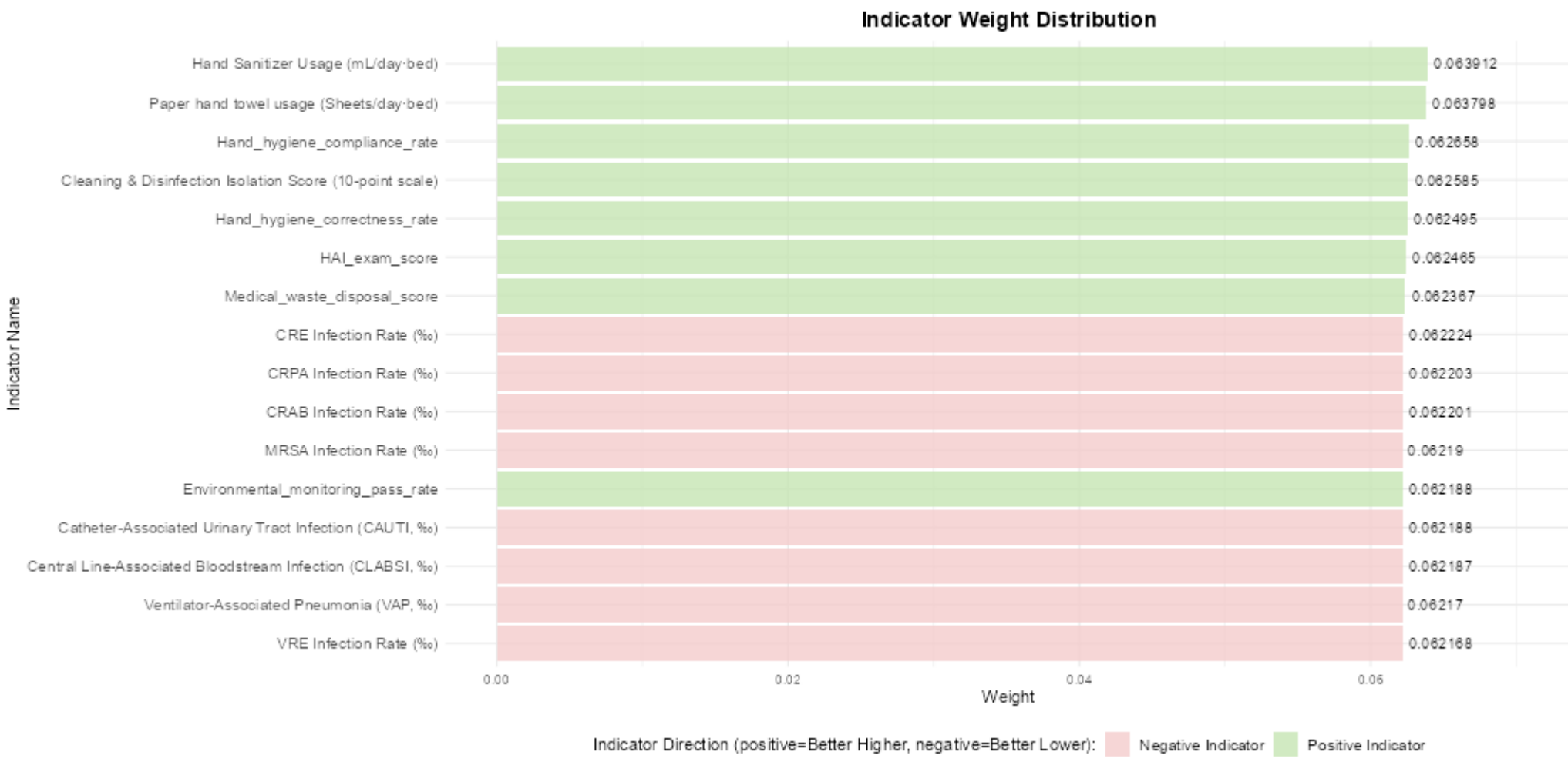
5

...

8

Next

Indicator Weight Distribution



NICEI Index Trend Chart

