**EVM TRAINING MODULES** 

### Module 7: Analysing results in the app



### Agenda

- 1. Understanding the dashboard
- 2. Interpreting data



### EVM2 technology: Reporting

With EVM2, results analysis and reporting is provided in a series of sophisticated dashboards that enable comprehensive interrogation of iSC performance that can be performed in real-time.

Image: market in the local bandwork plan.   Image: market interval   Imag																	
Database   C1   C2   C3   C4   C5   C5   Output   Performance     A chance   0   1   2   1   0   72   100   100   67   50   62     The facility have vaccine needs forecasts for all vaccines for factors in factors for factors for factors in factors for							Dashboar	d									
Ab circuits   Processes   Eds   100   72   100   100   95   60   62   All circuits     The facility has vaccine media formastis for all vaccine if mediadity may dood needs formastis for all vaccine if mediadity mediadie mediadie mediadie mediadie mediadie formastis for all vaccine if mediadity mediadie mediadie mediadie mediadie formastis for all vaccine if mediadity mediadie mediadie mediadie mediadie mediadie mediadie mediadie formastis for all vaccine mediadie   63   100   72   100   100   93   90	= Dashboard			C1	C2	СЗ	C4	C5	C6	Output	Performa nce	TOTAL	Dashboard				
0 1 2 100 72 100 100 95 90 40 60 80 100 80 100 95 90 40 60 80 100 80 100 95 90 40 60 80 100 100 95 90 40 60 80 100 100 95 100 90 40 60 80 100 100 100 95 100 90 90 40 60 80 100	All criteria	Temperature management				89	50	100		67	50	62		All criter	ia		
Rober   Fail   76   75   73   100   93   81   80089     The facility uses a standard method to forecast for the currery Rober [2]   The facility uses a standard method to forecast its weaks a budgeted annual work plan.   E6   100   92   100   100   77   96   891   91.00   92.00   92.00   92.00   92.00   100   77   96   891   92.00   92.00   92.00   100   100   100   70   96   891   92.00 <td>0 1 2 The facility has vaccine needs forecasts for all vaccines for</td> <td>Storage and transportation capacity</td> <td></td> <td>100</td> <td>72</td> <td></td> <td>100</td> <td>100</td> <td>100</td> <td>95</td> <td></td> <td>90</td> <td>40</td> <td>60</td> <td>80</td> <td></td> <td>100</td>	0 1 2 The facility has vaccine needs forecasts for all vaccines for	Storage and transportation capacity		100	72		100	100	100	95		90	40	60	80		100
BOG1 The facility uses a standard method to forecast its vaccine NGGG2 [2] The facility has a budgeted annual work plan. Mathematic work plan. E5 I 31 100 100 100 77 96 99 91 81.88%   RGG62 [2] The facility monitors the implementation status of the work RGG66 The facility monitors the implementation status of the work RGG70 E6 I I 92 100 100 77 96 89 91 81.88%   RGG66 Supervisory visits are arranged according to a fixed schedu RGG70 0.25 Supervisory visits are arranged according to a fixed schedu RGG71 E9 58 I 100 100 0 0 96 80 74.54%   RGG71 0 All scheduled visits data place. 0 58 I 100 100 100 100 97 81 91.92%   RGG71 (1) Staff receive feedback from supervisors. M1 100 I 100 100 100 100 100 97 96 91 91.92%   RGG71 (1) Staff receive feedback from supervisors. M2 M2 I 96 100 100 100 97 96 91 91 91.92%	R0660 The facility has dry goods needs forecasts for the current y	Facility infrastructure and equipment		76	75	73			100	93		81			79.12%	% 5	
No. Corp. (2) Stock is adjusted annual work plan. <	R0661 The facility uses a standard method to forecast its vaccine (	Maintenance and repair				31	100	100	100	77	96	89			81.88	\$%	
The facility monitors the implementation status of the work R0668 E7 100 77 50 100 0 70 100*   R0669 Supervisors and expenditure. R0670 0.25 Supervisors maintain a record of visits and findings. E8 100 76 1000 50 100 50 800 74.54% 100*   N0670 0.25 Supervisors maintain a record of visits and findings. E9 58 100 100 50 100 95 800 74.54% 74.	The facility has a budgeted annual work plan.	Stock management				92	100	100		67	50	81				89.74%	
NO669 Supervisory visits are arranged according to a fixed scheder R0670   0.25 maggement   E8   Imagement   E8   Imagement   F0   100   0   80     R0671   0.25 maggement   E9   58   100   Imagement   500   100   500   100   95     R0671   0   0   100   100   500   100   95   81.92%     R0672 [1] Staff receive feedback from supervisors.   R0675 [3]   0   100   100   100   100   95   81.92%     R0675 [3]   0   Mathematics   M2   Imagement   M2   Imagement   M2   Imagement   M2   Imagement   M2   Imagement   M3   Imagement   M2   Imagement   M3   Imagement   M3 <td>The facility monitors the implementation status of the work R0668 The facility records its income and expenditure.</td> <td>Distribution of vaccines and dry goods</td> <td></td> <td></td> <td>100</td> <td></td> <td>77</td> <td>50</td> <td>100</td> <td>0</td> <td></td> <td>70</td> <td></td> <td></td> <td></td> <td></td> <td>6</td>	The facility monitors the implementation status of the work R0668 The facility records its income and expenditure.	Distribution of vaccines and dry goods			100		77	50	100	0		70					6
ROG70 0.25   Supervisors maining a record of visits and findings. E9 58 100 100 50 100 95   ROG71 0 All scheduled visits tand findings. M1 Cold Scheduled visits tand findings. M1 M2 Cold Scheduled visits tand findings. M2 Cold Scheduled visits tand findings. M2 M2 M2 M2 M2 M3 M2 M3 M2 M3	R0669 Supervisory visits are arranged according to a fixed schedu	Vaccine management					76	100		0		80			74.54%		00%
NO671 0   All advalued visits 0   Lake place. No   NO672 [1] 100   Staff receive feedback from supervisors.   RO675 [3] 0   The facility monitors its framewiter alarm rates.   RO680 [1]   The facility monitors the functionality of its cold chain equip   Mathematic Category score Criterion score Storage databolity Transo	R0670 0.25 Supervisors maintain a record of visits and findings.	Waste management			58		100		100	50	100	95			81.92	:%	
Table Jackse Annual work M2 Image database 96 100 100 0 97   RO672 [1] Staff receive feedback from supervisors. Annual work M2 Image database 96 100 100 100 97   Ro675 [3] The facility monitors its rates. M3 100 100 100 100 64 91   Meat/mape Category score Citegory score Storge database M4 Image 73 100 100 62 79   Meat/mape Category score Storge database M4 Image 79 82 90 93 100 75 82 84	R0671 0 All scheduled visits	Annual needs forecasting					100	100		100	100	100					
BCGED [1] The facility monitors its targer state   M3   100   100   100   100   100   64   91     MGEBD [1] The facility monitors the functionality of its cold chain equip Meat/map Category score Criterion score Storage capacity Transmot   M4   Image Storage Capacity Transmot   M3   100   100   100   100   64   91	R0672 [1] Staff receive feedback from supervisors.	Annual work planning					96	100	100	100	0	97					
BCGB0 (1) TOTAL 81 79 82 90 93 100 75 82 84	R0675 [3] 0 The facility monitors its temperature alarm	Supportive supervision	МЗ	100	100	100	100	100	100	64		91					
Heat-map Category score Criterion score Storage capacity Transport	R0680 [1] The facility monitors the functionality of its cold chain equip	ISC performance monitoring	М4			73	100	100		62		79					
	Heat-map Category score Criterion score Storage capacity Transpo	то	TAL	81	79	82	90	93	100	75	82	84	orage capacity Tra	nsport capacity ISC	Performance S	CE Stock:	Status
Heat-map Category score Criterion score Storage capacity Transport capacity ISC Performance SCE Stock Status		Heat-map	Category	/ score Cri	iterion score	Storage c	apacity Tr	ansport cap	acity ISC I	Performance	SCE Sto	ock Status					



# Understanding the dashboard

The dashboard



### The EVM dashboard is an essential tool to analyze data for the facility or location you have assessed.

### Finding the dashboard in your app

Detailed information on the scores, and different data behind the scores, can be viewed by clicking 'Dashboard' at the bottom of the questionnaire menu.



### Many tools, many perspectives

In addition to the heatmap matrix, the dashboard generates multiple options to allow EVM assessors and managers to critically analyze incountry successes and challenges.

					Dashboar	d	≡ Dashboard										
		C1	C2	СЗ	C4	C5	C6	Output	Performa nce	то							
Temperature management	E2			89	50	100		67	50	6							
Storage and transportation capacity	E3	100	72		100	100	100	95		g							
Facility infrastructure and equipment	E4	76	75	73			100	93		٤							
Maintenance and repair	E5			31	100	100	100	77	96	8							
Stock management	E6			92	100	100		67	50	٤							
Distribution of vaccines and dry goods	E7		100		77	50	100	0		7							
Vaccine management					76	100		0		8							
Waste management			58		100		100	50	100	9							
Annual needs forecasting	М1				100	100		100	100	1(							
Annual work planning	М2				96	100	100	100	0	9							
Supportive supervision	мз	100	100	100	100	100	100	64		g							
iSC performance monitoring	М4			73	100	100		62		7							
то	TAL	81	79	82	90	93	100	75	82	8							

#### **Criterion score**

This graph presents the criteria scores for the assessed location.

 $E1 \rightarrow E9$ M1  $\rightarrow$  M4

			۵					
			Dashboar	d				
				All ca	ategories		]	
	0	20	40	D	60	80		100
<b>E2</b> Temperature manag	ement			62.0	06%			
E3 Storage and transpo	rtation ca	pacity				9(	).23%	
<b>E4</b> Facility infrastructure	e and equi	pment				0.93%		
E5 Maintenance and rep	pair					89	.25%	
<b>E6</b> Stock management						80.9%		
E7 Distribution of vacci	nes and dr	y goods			69.51%			
<b>E8</b> Vaccine managemer	nt				80	0.09%		
<b>E9</b> Waste management							94.89	%
<b>M1</b> Annual needs foreca	sting						10	0%
<b>M2</b> Annual work plannin	g						97.3	1%
M3 Supportive supervisi	ion					9	1.29%	
M4 iSC performance mo	onitoring				79	.23%		
Heat-map Category sc	ore Criteri	on score Stora	age capacity Ti	ransport capacity	ISC Performan	ce SCE	Stock St	tatus

#### **Category score**

This graph presents the category scores for the assessed location.

C1 → C6 Output Performance

		D	ashboard			
				All criteria		
	0	20	40	60	80	100
C1 Infrastructure					80.98%	
<b>C2</b> Equipment					79.12%	
C3 Information technolog	ду				81.88%	
<b>C4</b> Human resources					89.7	4%
C5 Policies & procedures	s				92	.65%
<b>C6</b> Financial resources						100%
<b>O</b> Output				74	.54%	
<b>P</b> Performance					81.92%	

#### **ISC Performance**

This report presents the system indicator scores the assessed location that align with the three supply chain objectives:

- **1.** Availability of vaccines
- 2. Quality of vaccines
- **3. Efficiency** of the vaccine supply chain

20:50 Tue 19 May			a ship a sud			
=			lashboard			
	0	20	40	60	80	100
SY.1				73.	.1%	
Availability						
SY.2						100%
Quality						
SY.3						97.73%
Efficiency						

#### **Facility metrics**

	0	20	40	60	80	100
Positive					1	00%
Negative	е				1	00%
Dry		40.0	06%			
Coolant	-pack	(		84	4.09%	

Storage capacity: Available and required cold chain and dry storage capacity [screenshot needed

Transport capacity:

Doses s	upplie	d per sur	viving inf	fant	
	0	1.2	2.4	3.6	4.8
BCG					5.3
bOPV		1.5			
DT		1.5			
DTwP- HepB-H	ib <sup>0</sup>	.8			
НерВ	(	0.9			
HPV	0				
IPV		1.6			
JE	0				
MR		1.1			
PCV-13	0				
Td		1.	8		

#### Stock status:



### Interpreting data

1

2

When analyzing results, the dashboard shows the big picture while also revealing the details to:

understand to root causes of the problem

feed actionable data to programme teams

≡					Dashboard	ł				
		C1	C2	C3	C4	C5	C6	Output	Performa nce	TOTAL
Temperature management	E2			89	50	100		67	50	62
Storage and transportation capacity	E3	100	72		100	100	100	95		90
Facility infrastructure and equipment	E4	76	75	73			100	93		81
Maintenance and repair				31	100	100	100	77	96	89
Stock management				92	100	100		67	50	81
Distribution of vaccines and dry goods	E7		100		77	50	100	0		70
Vaccine management					76	100		0		80
Waste management			58		100		100	50	100	95
Annual needs forecasting	М1				100	100		100	100	100
Annual work planning	М2				96	100	100	100	0	97
Supportive supervision	мз	100	100	100	100	100	100	64		91
iSC performance monitoring	М4			73	100	100		62		79
то	TAL	81	79	82	90	93	100	75	82	84

Heat-map Category score Criterion score Storage capacity Transport capacity ISC Performance SCE Stock Statu

## A roadmap to improvement

By viewing the heat map, managers and accessors can clearly identify areas that need to be improved upon based on EVM's Requirements.

Effective Vacone Management Initiative - O											
≡ Dashboar	≡ Dashboard										
Heat-map Category score Criterion score Storage capacity Transport capacity ISC Performance SCE Stock Status											
		Infrastructure	Equipment	Information technology	Human resources	Policies & procedures	Financial resources			TOTAL	
		C1	cz	G	C4	C5	C6	Output	Performance	TOTAL	
Temperature management				50	92	100		72	50	65	
Storage and transportation capacity		40	71		100	100		82		79	
Facility infrastructure and equipment	E4	70	62	87				93		75	
Maintenance and repair				42	99	100	100	72	70	85	
Stock management	EG			98	100	100		70	0	81	
Distribution of vaccines and dry goods			100		93	50	100	53		79	
Vaccine management	E8				100	100				100	
Waste management	E9		58		100			100	100	98	
Annual needs forecasting	M1				90	100		100	73	93	
Annual work planning	M2				89	100	100	100	100	97	
Supportive supervision	МЗ	100	100	100	80	100	100	69		91	
iSC performance monitoring	M4			75	90	100		44		62	
тот	TAL	70	73	80	94	93	100	69	76	80	

# Finding the inputs behind the data

Each cell is scored from 0 (terrible) to 100 (perfect).

Selecting any cell will reveal further details.

Example: Look into the score of **'58'** under E9 (waste management) and C2 (Equipment). This cell represents the state of equipment used for waste management.



Heat-map Catego	ry score Criterion	score Storage cap	acity Transport	capacity ISC Perforn	nance SCE Stoo	k Status				
		Infrastructure	Equipment	Information technology	Human resources	Policies & procedures	Financial resources			TOTAL
		C1			C4			Output	Performance	TOTAL
Temperature management	E2			50	92	100		72	50	65
Storage and transportation capacity	E3	40	71		100	100		82		79
Facility infrastructure and equipment	E4	70	62	87				93		75
Maintenance and repair	E5			42	99	100	100	72	70	85
Stock management	EG			98	100	100		70	0	81
Distribution of vaccines and dry goods	E7		100		93	50	100	53		79
Vaccine management	E8		t t	,	100	100				100
Waste management	E9	$\longrightarrow$	58		100			100	100	98
Annual needs forecasting	M1				90	100		100	73	93
Annual work planning	M2				89	100	100	100	100	97
Supportive supervision	МЗ	100	100	100	80	100	100	69		91
iSC performance monitoring	M4			75	90	100		44		62
то	TAL	70	73	80	94	93	100	69	76	80

Effective Vaccine Management Initiative

## Finding the inputs behind the data

A cell will remain empty if there is no applicable requirements for that criteria and category. If the requirements are not applicable, the cell is not relevant for the facility.

Effective vaccine Manager	ective Vaccine Management Initiative - D										
≡ Dashboar	≡ Dashboard										
Heat-map Catego	Heat-map Category score Criterion score Storage capacity Transport capacity ISC Performance SCE Stock Status										
		Infrastructure	Equipment	Information technology	Human resources	Policies & procedures	Financial resources			TOTAL	
					C4			Output	Performance	IOTAL	
Temperature management				50	92	100		72	50	65	
Storage and transportation capacity		40	71		100	100		82		79	
Facility infrastructure and equipment	E4	70	62	87				93		75	
Maintenance and repair				42	99	100	100	72	70	85	
Stock management	E6			98	100	100		70	0	81	
Distribution of vaccines and dry goods			100		93	50	100	53		79	
Vaccine management	E8				100	100				100	
Waste management	E9		58		100			100	100	98	
Annual needs forecasting	М1		•		90	100		100	73	93	
Annual work planning	M2	$\rightarrow$			89	100	100	100	100	97	
Supportive supervision	МЗ	100	100	100	80	100	100	69		91	
iSC performance monitoring	M4			75	90	100		44		62	
тот	FAL	70	73	80	94	93	100	69	76	80	

**Interpreting data** 

### Click #1 reveals requirements

Click or tap once to see the requirements behind that particular cell.

**Example: R0125 is the 'parent.'** Since it is **weighted 1** (not 5), it is a 'nice to have'.

We see the score of **'58'** from the heatmap translates to **'0.58' — or 58%**. The square brackets indicate that this requirements contains [4] sub-requirements.



# Click #2 reveals the sub-requirements

Click or tap again to see the specific sub-requirement(s) and their weighted scores.

### Example: R0126-R0130 are 'children'.

- The most important are weighted 5.
- The good to have are **weighted 1**.
- Requirements that are not applicable are removed



#### The subrequirements reveal score calculations

Example: R0126-R0130

**4** of the sub-requirements are applicable.

12 points are available (12 points = 100%).

7 points were received (7 points = 58%).

	Kequirements	
	R0125 There are suitable facilities and equipment for storing waste.	0.58/1
8	Children	
	R0126 Waste is stored in a segregated area.	5/5
	R0127 The waste storage area is secure from pests.	1/1
	R0128 The waste storage area is covered.	1/1
	R0129 Waste is stored in plastic or metal bins.	0/5
	R0130 The bins are colour coded for different types of waste.	N/A

### Click #3 reveals questions and root causes

Click or tap again to see the specific question that gave you that result.

R0129 was important (**weighted 5**) but not fulfilled (**received 0**).

**Scoring** shows what is necessary to meet the requirement.

**Questions** show what was assessed at the facility.

	<b>K</b> Back	Requirements				
→ RO	129 Waste is stored in plastic or meta	al bins.	0/5			
	Guidance Applicability: Always applicable.					
	Scoring: 0.75: Waste is stored in bins made of suitable +0.25: The bins have bin liners. 0: Otherwise.	e materials (eg. plastic, metal).				
	Questions L12.3 - Q295 [s] - Is waste stored in bins? - No					
	L12.3 - Q297 [s] - Do the bins have bin liners	s? - N/A				

#### Click #3 reveals questions and root causes

If we click on R0130 which is N/A , we can understand why it is not applicable.

Because the answer to R0129 is NO, R0130 no longer applies.



**Quick quiz** 

# Test your knowledge

#### **Investigate 42**

In groups of 3, download the report on your phone.

Determine why the score for E5 (maintenance) and C3 (equipment) is so low.

Write down 3 reasons and prepare to share with your table.

#### Effective Vaccine Management Initiative

#### $\equiv$ Dashboard

Heat-map Category score Criterion score Storage capacity Transport capacity ISC Performance SCE Stock Status

		Infrastructure	Equipment	Information technology	Human resources	Policies & procedures	Financial resources
Temperature management				5)	92	100	
Storage and transportation capacity		40	71		100	100	
Facility infrastructure and equipment	E4	70	62	-			
Maintenance and repair			$\rightarrow$	42	99	100	100
Stock management				98	100	100	
Distribution of vaccines and dry goods			100		93	50	100
Vaccine management	E8				100	100	
Waste management	E9		58		100		
Annual needs forecasting	M1				90	100	
Annual work planning	M2				89	100	100
Supportive supervision	МЗ	100	100	100	80	100	100
iSC performance monitoring	M4			75	90	100	
TOTAL		70	73	80	94	93	100
TOTAL		70	73	80	94	93	100



### Congratulations on completing module 7!