

فرقة العمل العالمية



لمكافحة الكوليرا

تحديد المناطق ذات أولوية التدخلات المتعددة القطاعات

للتخلص من الكوليرا

دليل المستخدم

2023

مقدمة

■ دليل المستخدم التدريجي (خطوة بخطوة) هذا:

- يكمّل الوثيقة الإرشادية لفرقة العمل العالمية لمكافحة الكوليرا المتعلقة بتحديد المناطق ذات أولوية التدخلات المتعددة القطاعات (المناطق ذات أولوية التدخلات) للتخلص من الكوليرا.

- يهدف إلى تقديم توجيهات تدريجية لتحديد المناطق ذات أولوية التدخلات للتخلص من الكوليرا باستخدام الأداة القائمة على برنامج إكسل لفرقة العمل العالمية، التي تجري العمليات الحسابية بطريقة آلية.

■ المستخدمون المستهدفون بهذا الدليل هم أطباء الوبائيات ومحللو البيانات المشاركون في تحديد المناطق ذات أولوية التدخلات.

جدول المحتويات



كيف تغير وزن عامل تعرض؟

كيف تختار عوامل التعرض المدرجة في حساب المنسب؟

كيف تضيف عامل تعرض إضافياً في قالب البيانات؟

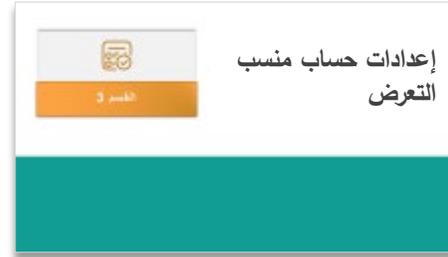
كيف تضيف عامل تعرض إضافياً في حساب المنسب؟

كيف تتعامل مع البيانات الناقصة؟

كيف تزيل الأخطاء في علامة التبويب R.1؟

الاتصال

الخطوة 1.5
الخطوة 2.5
الخطوة 3.5
الخطوة 4.5
الخطوة 5.5



الخطوة 1.6
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مقدمة

جدول المحتويات

توصيات عامة

المواد المطلوبة

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الخطوة 1.2
الخطوة 2.2
الخطوة 3.2



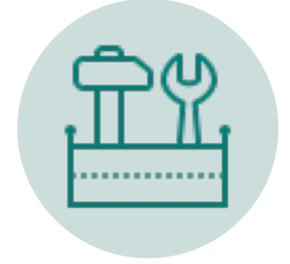
الخطوة 1.3
الخطوة 2.3
الخطوة 1.4
الخطوة 2.4
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توصيات عامة

- **يُوصى بما يلي**
 - الاستفادة من ملف قالب (نموذج) البيانات في إعداد البيانات لتيسير خطوة التحميل في أداة فرقة العمل العالمية باتباع نموذج موحد للبيانات يضمن دقة حساب منسب التعرض.
 - بدء كل تحليل جديد بنسخة فارغة من الأداة
- استخدمت الأداة القائمة على برنامج إكسل لفرقة العمل العالمية برمجية جداول البيانات ميكروسوفت إكسل، وتتوافق الأداة مع نظامي التشغيل وندوز وماك.

المواد المطلوبة



(1) يوصى بتحميل الملفات الثلاثة التالية في مجلد حاسوبي

2023-gtfcc-pami-cholera-elimination-excel-tool-ar.xlsx

2023-gtfcc-pami-cholera-elimination-input-dataset-template-en.xlsx

2023-gtfcc-pami-cholera-elimination-training-dataset-en.xlsx

(2) خذ نسخة من الأداة وقالب البيانات لغرض التحليل

cholera_analysis_PAMI > cholera vulnerability analysis

Name

GTFCC tool _ PAMIs for elimination_ANALYSIS_001.xlsx

Template for preparing the data _ PAMIs for elimination_ANALYSIS_001.xlsx

■ **الأداة القائمة على برنامج إكسل** التي تهدف إلى إرساء الحساب الآلي لمنسب التعرض

■ **ملف قالب البيانات** لغرض إعداد البيانات باتباع نموذج موحد للبيانات

■ **مجموعة بيانات التدريب** تناظر مجموعة بيانات تخيلية لغرض الإيضاح ولتعريف المستخدمين بطريقة التعامل مع الأداة القائمة على برنامج إكسل.



القسم 1

إعداد البيانات

الخطوة 1

النطاق: القائمة المرجعية للبيانات

■ قبل التحليل:

- تحقق من جميع البنود في القائمة المرجعية
- صحّح / استكمل المعلومات بحسب الحاجة

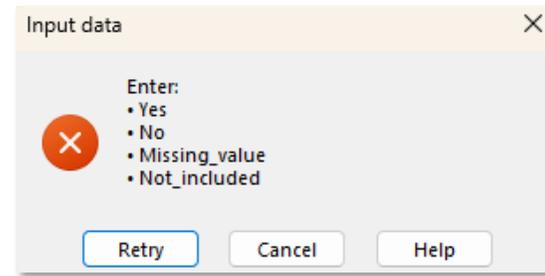
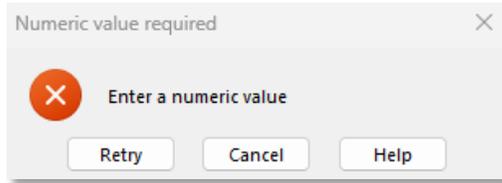
القائمة المرجعية للبيانات

لا	نعم	البنود
<input type="checkbox"/>	<input type="checkbox"/>	تم تحديد فترة التحليل
<input type="checkbox"/>	<input type="checkbox"/>	تم تحديد مستوى الوحدة التشغيلية المدرجة في الخطة الوطنية
<input type="checkbox"/>	<input type="checkbox"/>	تم استكمال قائمة الوحدات التشغيلية المدرجة في الخطة الوطنية (بمعرفات وأسماء فريدة)
<input type="checkbox"/>	<input type="checkbox"/>	تم تجميع التقديرات السكانية لجميع الوحدات التشغيلية المدرجة في الخطة الوطنية (تفضل أحدث التقديرات السكانية)
<input type="checkbox"/>	<input type="checkbox"/>	تم جمع البيانات الوبائية الخاصة بالكوليرا والتحقق منها: عدد حالات الكوليرا المكتسبة محلياً بحسب الوحدات التشغيلية المدرجة في الخطة الوطنية والسنة (لكل من الحالات المشتبه فيها والمؤكدة)
<input type="checkbox"/>	<input type="checkbox"/>	تم جمع البيانات الوبائية الخاصة بالكوليرا والتحقق منها: عدد حالات الكوليرا الوافدة المؤكدة بحسب الوحدات التشغيلية المدرجة في الخطة الوطنية والسنة
<input type="checkbox"/>	<input type="checkbox"/>	اختيار عوامل التعرض والأساس المنطقي لإدراجها / استبعادها
<input type="checkbox"/>	<input type="checkbox"/>	تم تحديد مؤشر قابل للقياس لكل عامل تعرض مختار
<input type="checkbox"/>	<input type="checkbox"/>	تم جمع بيانات لكل مؤشر قابل للقياس
<input type="checkbox"/>	<input type="checkbox"/>	تم التحقق من بيانات كل مؤشر قابل للقياس: التحقق من نوعية البيانات (المصدر، التغطية، التحقق من القيم المتطرفة والناقصة....)

الخطوة 2.2

النطاق: استكمل القالب ببيانات خاصة بالبلد

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2	district_001	AAAAA	HHHHH	10,780	Yes	No	No	Yes	No			tttt	
3													
4													
5													
6													
7													



اتبع قواعد التحقق من صحة البيانات:

- السكان: القيمة الرقمية فقط
- قيم المؤشرات:
 - نعم
 - لا
 - القيمة الناقصة
 - غير مدرجة

الخطوة 3.2

الملف:



2023-gtfcc-pami-cholera-elimination-training-dataset-en.xlsx

	unique_id	admin_1	admin_2	population	VF_01_chol_sika	VF_02_chol_jinokot	VF_03_chol_pochimay	VF_04_crow_sahur	VF_05_pop_gathering	VF_06_oversaturated_sok	VF_07_hgh_risk_pop	VF_08_low_risk_pop	VF_09_cow	VF_10_drimak_event	VF_11_comp_humid_emerg	VF_12_unimprova_water	VF_13_unimprova_sarank	VF_14_limited_hygiene	VF_15_solid_lintex_1	VF_16_solid_lintex_2	VF_17_solid_lintex_3	VF_18_solid_lintex_4
1	id_005	admin_1_01	admin_2_005	64,393	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
2	id_013	admin_1_02	admin_2_013	121,255	Yes	Yes	No	Yes	No	No	No	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included
3	id_014	admin_1_02	admin_2_014	37,086	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
4	id_015	admin_1_02	admin_2_015	164,440	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
5	id_022	admin_1_02	admin_2_022	290,397	No	No	Missing_value	No	No	No	No	No	No	No	No	No	Yes	No	Not_included	Not_included	Not_included	Not_included
6	id_025	admin_1_02	admin_2_025	253,927	Yes	No	Yes	No	No	Yes	No	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included
7	id_028	admin_1_02	admin_2_028	169,610	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
8	id_030	admin_1_02	admin_2_030	119,295	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
9	id_033	admin_1_02	admin_2_033	223,118	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
10	id_035	admin_1_02	admin_2_035	317,110	No	Yes	Missing_value	No	Yes	No	No	No	No	Missing_value	No	No	No	No	Not_included	Not_included	Not_included	Not_included
11	id_038	admin_1_02	admin_2_038	283,942	Yes	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	Not_included	Not_included	Not_included	Not_included
12	id_038	admin_1_02	admin_2_038	161,100	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Not_included	Not_included	Not_included	Not_included
13	id_048	admin_1_03	admin_2_048	166,885	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	No	No	Not_included	Not_included	Not_included	Not_included
14	id_051	admin_1_03	admin_2_051	369,669	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included
15	id_053	admin_1_04	admin_2_053	200,425	No	No	Missing_value	No	Yes	No	No	Yes	No	No	No	Yes	No	No	Not_included	Not_included	Not_included	Not_included
16	id_054	admin_1_04	admin_2_054	176,323	No	No	No	Yes	No	No	No	No	No	No	No	No	Yes	No	Not_included	Not_included	Not_included	Not_included
17	id_055	admin_1_04	admin_2_055	374,440	No	Yes	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
18	id_058	admin_1_04	admin_2_058	227,349	No	No	No	Yes	No	No	No	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included
19	id_058	admin_1_04	admin_2_058	111,409	No	Yes	No	No	Yes	Yes	Yes	No	No	No	Yes	No	No	No	Not_included	Not_included	Not_included	Not_included
20	id_058	admin_1_04	admin_2_058	162,852	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Not_included	Not_included	Not_included	Not_included
21	id_067	admin_1_04	admin_2_067	122,772	Yes	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	No	No	Not_included	Not_included	Not_included	Not_included
22	id_070	admin_1_04	admin_2_070	260,209	No	No	No	No	No	No	No	No	No	No	No	Yes	No	Yes	Not_included	Not_included	Not_included	Not_included
23	id_073	admin_1_05	admin_2_073	212,029	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
24	id_074	admin_1_05	admin_2_074	219,337	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included
25	id_088	admin_1_06	admin_2_088	441,446	No	No	Missing_value	No	No	Missing_value	No	No	Missing_value	No	No	Missing_value	Missing_value	Missing_value	Not_included	Not_included	Not_included	Not_included

النطاق: مثال للبيانات

■ اتبع تسميات وهيكل جدول البيانات

■ عامل التعرض 15 إلى عامل التعرض 18:

- هي متغيرات بديلة لحفظ المعلومات لأي عوامل تعرض إضافية
- توصف بأنها "غير مدرجة" في مجموعة بيانات التدريب

يلاحظ أن مجموعة بيانات التدريب تحتوي بالفعل على بيانات ناقصة لغرض إيراد مثال.

يوصى فقط باستيراد مجموعة بيانات خالية من البيانات الناقصة لتجنب التحيز في حساب منسوب التعرض.

لمزيد من المعلومات، انظر القسم المعنون **"إدارة البيانات الناقصة"** في دليل الإرشادات، وقسم الأسئلة الشائعة أدناه.





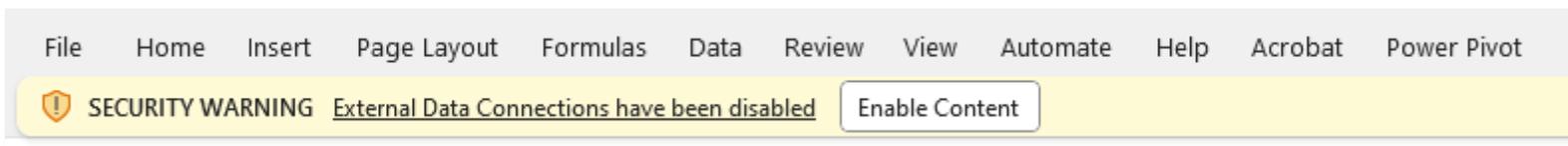
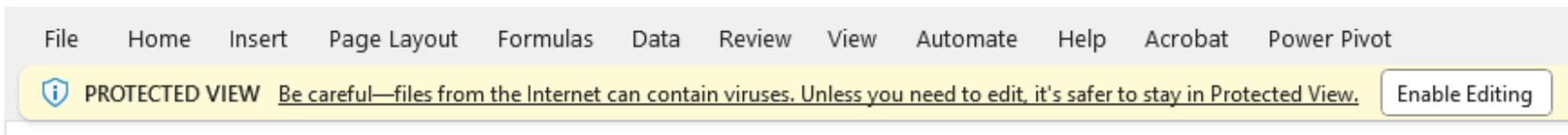
القسم 2

استيراد (إدخال)
البيانات في أداة فرقة
العمل العالمية

الخطوة 1.3

النطاق: فتح أداة فرقة العمل العالمية

- افتح أداة فرقة العمل العالمية
- تظهر تلميحات السياسة Policy Tips تلقائياً
- اضغط "Enable Editing" و
"Enable content" لفتح الأداة في
وضع التحرير Editing Mode





الأداة القائمة على برنامج إكسل لفرقة العمل العالمية لمكافحة الكوليرا.

لتحديد المناطق ذات أولوية التدخلات المتعددة القطاعات للتخلص من الكوليرا

الرابط

تهدف هذه الأداة القائمة على برنامج إكسل لفرقة العمل العالمية لمكافحة الكوليرا إلى إرساء الحساب الآلي للمؤشرات وتفسير النتائج للكوليرا بهدف تحديد المناطق ذات أولوية التدخلات المتعددة القطاعات (المناطق ذات أولوية التدخلات) الرامية إلى التخلص من الكوليرا، على النحو المبين في وثيقة الإرشادات المبينة لفرقة العمل العالمية (2023) المتاحة في الرابط التالي:

[Identification of priority areas for multisectoral interventions for cholera elimination](#)

[User guide PAMI for cholera elimination Excel-based tool](#)

ينبغي أن تستخدم هذه الأداة بالاقتران مع دليل المستخدم:

[Data input template](#)

يساعد هذا الدليل نماذج (تلب) لمجموعات البيانات لغرض إعداد البيانات قبل استيراد (إدخال) مجموعة البيانات في الأداة القائمة على برنامج إكسل لفرقة العمل العالمية.

[Training dataset](#)

توجد مجموعة بيانات تدريبية لمساعدة المستخدمين على معرفة كيفية التعامل مع الأداة القائمة على برنامج إكسل لفرقة العمل العالمية، متاحة في الرابط:

gifccsecretariat@who.int

الاتصال:

نسخة عامة

تتم هذه الأداة مع ست صفحات من اليسار إلى اليمين:

Information تعرض الأداة والوثائق ذات الصلة.

Data input table تملك صفحة استيراد البيانات الخاصة بمجموعة بيانات التدخلات المعدة لغرض التحليل وفقاً لتوزيع (تلب) البيانات.

Factor selection يسمح للمستخدم باختيار المساعدة وتحديد قيمة كل مؤشر تعرض (نظراً للاقتصاد) من أجل الحساب.

R.1| Vulnera. index calculation يملك صفات الحساب الآلي لعدد من البيانات التقصية ويغيب التعرض.

R.2| Vulnera. index summary يحتوي على جدول محوري مزود بالمحليل الرئيسية مصفوفة بحسب قيم مغيب التعرض.

R.3| Missing data overview يعرض تواتر (تكرار) القيم التقصية بحسب عوامل التعرض.

R.4| Table PAMIs export يملك البيانات الواردة في علامة التبويب **R.1| Priority index calculation** المتاحة لاكتشاف البيانات (التصنيفات) الصافية) ويمكن تمثيلها لغرض المزيد من التحليل والتعليق.

ملخص التعليمات

يوصى بأن يُستخدم دائماً نماذج (تلب) فرغ لمجموعات بيانات التدخلات، وصفحة فرقة العمل العالمية على برنامج إكسل لفرقة العمل العالمية، لكل تحليل جديد.

لحساب مغيب الأولويات، تُتخذ الخطوات الرئيسية التالية:

1 استيراد (إدخال) مجموعة بيانات التدخلات في علامة التبويب **Data input table tab** وينتهي إعداد البيانات باستخدام ملف **-gtfcc-pami-cholera-elimination-input-dataset-2023-template-en.xlsx** وينبغي أن يقع هيكل مجموعات البيانات وأسماء المتغيرات، بدقة، التسميات المبينة في دليل المستخدم.

2 تحديث تعريف (تعريف) المؤشرات القليلة للقيام لكل عامل تعرض بحسب الحالة في علامة التبويب **Factor selection**. اختيار الوزن النسبي (بحسب الإنطلاق) ومساهمة كل عامل تعرض في حساب مغيب التعرض.

3 يُحسب بشكل آلي مغيب التعرض لجميع الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية، بالتفصيل نطاق إدخال البيانات في علامة التبويب **R.1| Vulnera. index calculation tab**.

4 مراجعة النتائج والجدول الموزع، بتحديد (تحديث) النسخة بكامله بضغط **Ctrl + Alt + F5**. واستكمال البيانات المخطئة بحسب الحالة (نظر الإرشادات ودليل المستخدم للاطلاع على التوصيات الخاصة بإدارة المعلومات التقصية).

5 تمثيل المعلومات الخاصة بمعامل التعرض وقيم مغيب التعرض باستخدام قاعدة البيانات المتكاملة في علامة التبويب **R.4| Table PAMIs export tab**.

توجد تعليمات مفصلة في دليل المستخدم.

يهدف دليل المستخدم إلى تزويد المستخدمين بتوجيهات (خطوة بخطوة) لتحديد المناطق ذات أولوية التدخلات للتخلص من الكوليرا، وإلزامها وتوضيحها بشأن كيفية استخدام الأداة القائمة على برنامج إكسل لفرقة العمل العالمية والجمهور المستهدف بهذه الوثيقة هم أعضاء الهيئات وممثلو البيانات المشاركين في ترميز الكوليرا وتحديد المناطق ذات أولوية التدخلات.



الخطوة 2.3

النطاق: فتح أداة فرقة العمل العالمية

- افتح أداة فرقة العمل العالمية
- اختر علامة التبويب: Information
- استعرض الموارد المتاحة
- انظر في ملخص التعليمات
- “instruction summary” للاطلاع على التعليمات الخاصة بكيفية استخدام الأداة

الخطوة 1.4

النطاق: استيراد (إدخال) البيانات

افتح أولاً علامة التبويب الثانية

→ Data input table

The image shows a screenshot of an Excel spreadsheet interface. The top ribbon includes tabs for File, Home, Insert, Page Layout, Formulas, Data, Review, View, Automate, Help, Acrobat, Power Pivot, and Table Design. The spreadsheet grid is visible with columns labeled A through U and rows numbered 1 through 44. The first cell (A1) contains the text "Paste data here (as values only)". At the bottom of the interface, there is a navigation bar with several tabs: Information, Data input table (highlighted in orange), Factor selection, R.1| Vulnera. index calculation, R.2| Vulnera. index summary, R.3| Missing data overview, and R.4| Table PAMIs export. An orange arrow points upwards from the bottom center towards the "Data input table" tab.

الخطوة 3.4

النطاق: الصق البيانات في الأداة

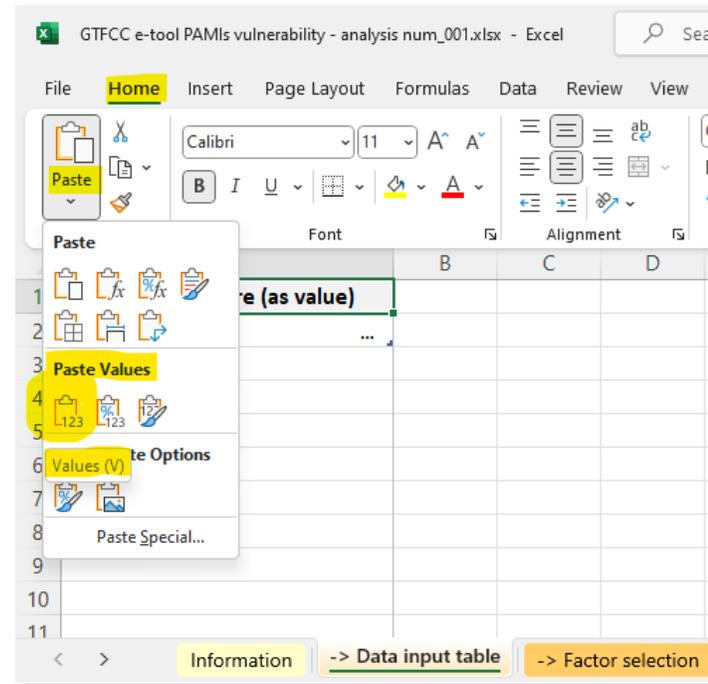
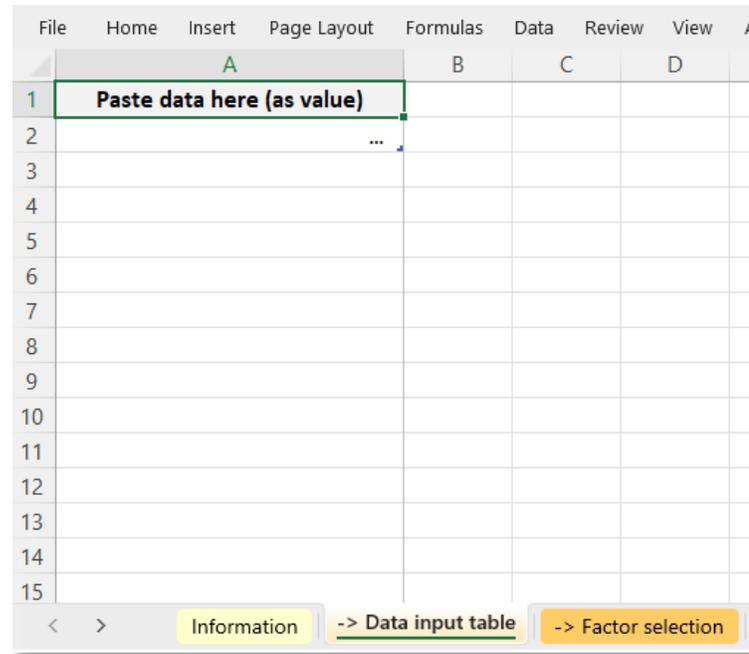
الصق مجموعة البيانات في شكل قيمة في

→ Data input table

قم باللصق في الخلية A1 في شكل "قيم" values تحت علامة التبويب

Home >> Paste >> Paste Values >> "123"

Paste Values



	unique_id	admin_1	admin_2	tot_population	FV_01_chol_epid	FV_02_chol_import	FV_03_ajour_zone_cholera	FV_04_voies_com_maj	FV_05_sasamb_ppop	FV_06_zone_surppop	FV_07_ppp_spec_risk	FV_08_ppp_access_diff	FV_09_acc_surp_3_ans	FV_10_climate_ev	FV_11_urgence_hum_comp	FV_12_EHA_ind_eau	FV_13_EHA_ind_essain	FV_14_EHA_ind_hygiene	FV_15_facteur_add_1	FV_16_facteur_add_2	FV_17_facteur_add_3	FV_18_facteur_add_4
2	id_005	admin_1_01	admin_2_0C	64393	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu	
3	id_013	admin_1_02	admin_2_01	121255	Oui	Oui	Non	Non	Oui	Non	Non	Non	Non	Oui	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
4	id_014	admin_1_02	admin_2_01	37086	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
5	id_015	admin_1_02	admin_2_01	164440	Non	Non	Oui	Oui	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
6	id_022	admin_1_02	admin_2_02	290397	Non	Non	Valeur_man	Non	Non	Non	Non	Non	Non	Non	Non	Oui	Non	Oui	Exclu	Exclu	Exclu	Exclu
7	id_025	admin_1_02	admin_2_02	253927	Oui	Non	Non	Oui	Non	Non	Oui	Non	Non	Non	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
8	id_028	admin_1_02	admin_2_02	169610	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
9	id_030	admin_1_02	admin_2_03	119295	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
10	id_033	admin_1_02	admin_2_03	223118	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
11	id_035	admin_1_02	admin_2_03	317110	Non	Oui	Valeur_man	Non	Oui	Non	Non	Non	Non	Valeur_man	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
12	id_038	admin_1_02	admin_2_03	283942	Oui	Non	Non	Non	Non	Non	Oui	Non	Non	Oui	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu
13	id_039	admin_1_02	admin_2_03	161100	Non	Non	Non	Non	Non	Non	Non	Non	Non	Oui	Non	Non	Non	Non	Exclu	Exclu	Exclu	Exclu

Information → Data input table → Factor selection R.1| Vulnera. index calculation R.2| Vulnera. index summary R.3| Missing data overview R.4| Table PAMIs export



القسم 3

إعدادات حساب منسب التعرض

قائمة عوامل
التعرض

قائمة المؤشرات
القابلة للقياس
وأسماء المتغيرات

الوزن في
حساب المنسب
(بحسب الاقتضاء)

اختيار
العوامل
لحساب
المنسب

الخطوة 1.5

النطاق: إدارة إعدادات حساب منسب
التعرض

افتح علامة التبويب: → Factor selection

تحتوي علامة التبويب على عدة لوحات

- القائمة الإرشادية لعوامل التعرض

- تعريف كل مؤشر قابل للقياس

- لوحة لضبط وزن كل عامل لغرض

حساب المنسب بحسب الاقتضاء

- لوحة اختيار العامل factor

selection

List of the country-specific vulnerability factors	Update measurable indicator definition		Set the indicator relative weight (if applicable)	Select factors for the vulnerability index calculation
	- Outcome of each measurable indicator is expected to be "Yes"/"No"	- Do not modify the variable names	- By default, unweighted sum corresponds to weight value of 1 - Numeric weight can be modified by the user (e.g., 2, 4, ...)	- Use the drop menu to select vulnerability factors to be included in the vulnerability index calculation (except for "Confirmed cholera outbreak(s) over the analysis period" already added by default.)
Vulnerability factors	Measurable indicators	Variable names	Indicator weight	Selection of factors in the vulnerability index
Confirmed cholera outbreak(s) over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five year/analysis period	VF_01_chol_otbk	Not applicable	If "YES", NCP geo. unit is a PAMI
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported (from another country or another NCP operational geographic unit reported during the analysis period)	VF_02_chol_import	1	Included in the vulnerability index
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_chol_proximity	1	Included in the vulnerability index
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hub(s)	VF_04_mov_pathw	1	Included in the vulnerability index
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	1	Included in the vulnerability index
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1	Included in the vulnerability index
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1	Included in the vulnerability index
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	1	Included in the vulnerability index
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (two-doses OCV campaign with a coverage for both round >70%)	VF_09_ocv	1	Included in the vulnerability index
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_climate_event	1	Included in the vulnerability index
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_comp_humanit_emerg	1	Included in the vulnerability index
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1	Included in the vulnerability index
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1	Included in the vulnerability index
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1	Included in the vulnerability index
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_15_add_factor_1	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1	Excluded from the vulnerability index



الخطوة 2.5

النطاق: تحديد تعريف أي عامل تعرض إضافي خاص بالبلد (بحسب الاقتضاء)

- تحقق من قائمة عوامل التعرض
- حدِّث تعريف (تعاريف) المؤشرات القابلة للقياس لغرض عامل التعرض الإضافي / عوامل التعرض الإضافية

Vulnerability factors	Measurable indicators	Variable names	Indicator weight	Selection of factors in the vulnerability index
Confirmed cholera outbreak(s) over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five year/analysis period	VF_01_cho_otbk	Not applicable	If "YES", NCP geo. unit is a PAMI
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported (from another country or another NCP operational geographic unit reported during the analysis period)	VF_02_cho_import	1	Included in the vulnerability index
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_cho_proximity	1	Included in the vulnerability index
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hub(s)	VF_04_mov_pathw	1	Included in the vulnerability index
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	1	Included in the vulnerability index
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1	Included in the vulnerability index
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1	Included in the vulnerability index
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	1	Included in the vulnerability index
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (two-doses OCV campaign with a coverage for both round >70%)	VF_09_ocv	1	Included in the vulnerability index
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_climate_event	1	Included in the vulnerability index
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_comp_humanit_emerg	1	Included in the vulnerability index
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1	Included in the vulnerability index
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1	Included in the vulnerability index
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1	Included in the vulnerability index
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_15_add_factor_1	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1	Excluded from the vulnerability index

حدِّث تعريف (تعاريف) عوامل التعرض والمؤشرات القابلة للقياس بحسب الحاجة

الخطوة 3.5

النطاق: التحقق من المعلومات

- أسماء المتغيرات محددة سلفاً ولا يمكن تحريرها من قِبَل المستخدم.
- الخلايا المقابلة مؤمّنة للتحرير (لا يمكن تحريرها).

قائمة أسماء المتغيرات

Vulnerability factors	Measurable indicators	Variable names	Indicator weight	Selection of factors in the vulnerability index
Confirmed cholera outbreak(s) over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five year/analysis period	VF_01_cho_otbk	Not applicable	If "YES", NCP geo. unit is a PAMI
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported (from another country or another NCP operational geographic unit reported during the analysis period)	VF_02_cho_import	1	Included in the vulnerability index
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_cho_proximity	1	Included in the vulnerability index
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hub(s)	VF_04_mov_pathw	1	Included in the vulnerability index
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	1	Included in the vulnerability index
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1	Included in the vulnerability index
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1	Included in the vulnerability index
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	1	Included in the vulnerability index
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (two-doses OCV campaign with a coverage for both round >70%)	VF_09_ocv	1	Included in the vulnerability index
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_climate_event	1	Included in the vulnerability index
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_comp_humanit_emerg	1	Included in the vulnerability index
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1	Included in the vulnerability index
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1	Included in the vulnerability index
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1	Included in the vulnerability index
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_15_add_factor_1	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1	Excluded from the vulnerability index

الخطوة 4.5

النطاق: تحديد الوزن (اختياري)

■ الإعدادات الافتراضية لحساب منسوب التعرض:

- المجموع غير المرجح

- بالنسبة لجميع عوامل التعرض

المختارة، تكون القيمة المرجحة

الافتراضية تساوي 1

- اختياري: يمكن رفع / خفض القيمة

المرجحة يدوياً وفقاً لقرار أصحاب

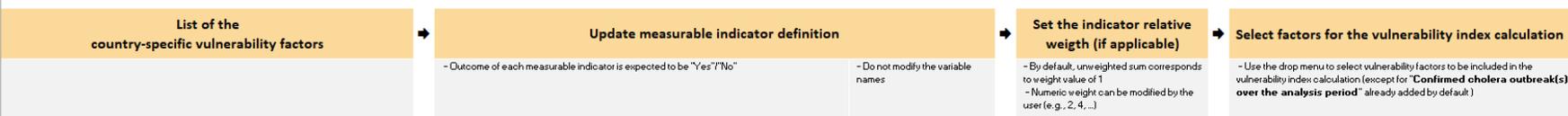
المصلحة

اختياري: اضبط القيمة المرجحة في حساب منسوب التعرض

غير القيمة العددية يدوياً في الخلية المقابلة

Indicator weight
No applicable
3
1
2

Vulnerability factors	Measurable indicators	Variable names	Indicator weight	Selection of factors in the vulnerability index
Confirmed cholera outbreak(s) over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five year/analysis period	VF_01_cho_otbk	Not applicable	If "YES", NCP geo. unit is a PAMI
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported (from another country or another NCP operational geographic unit reported during the analysis period)	VF_02_cho_import	1	Included in the vulnerability index
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_cho_proximity	1	Included in the vulnerability index
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hub(s)	VF_04_mov_pathw	1	Included in the vulnerability index
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	1	Included in the vulnerability index
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1	Included in the vulnerability index
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1	Included in the vulnerability index
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	1	Included in the vulnerability index
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (two-doses OCV campaign with a coverage for both round >70%)	VF_09_ocv	1	Included in the vulnerability index
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_climate_event	1	Included in the vulnerability index
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_comp_humanit_emerg	1	Included in the vulnerability index
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1	Included in the vulnerability index
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1	Included in the vulnerability index
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1	Included in the vulnerability index
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_15_add_factor_1	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1	Excluded from the vulnerability index



Vulnerability factors	Measurable indicators	Variable names	Indicator weight	Selection of factors in the vulnerability index
Confirmed cholera outbreak(s) over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five year/analysis period	VF_01_cho_otbk	Not applicable	If "YES", NCP geo. unit is a PAMI
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported (from another country or another NCP operational geographic unit reported during the analysis period)	VF_02_cho_import	1	Included in the vulnerability index
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_cho_proximity	1	Included in the vulnerability index
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hub(s)	VF_04_mov_pathw	1	Included in the vulnerability index
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	1	Included in the vulnerability index
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1	Included in the vulnerability index
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1	Included in the vulnerability index
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	1	Included in the vulnerability index
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (two-doses OCV campaign with a coverage for both round >70%)	VF_09_ocv	1	Included in the vulnerability index
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_climate_event	1	Included in the vulnerability index
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_comp_humanit_emerg	1	Included in the vulnerability index
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1	Included in the vulnerability index
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1	Included in the vulnerability index
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygiene	1	Included in the vulnerability index
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_15_add_factor_1	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1	Excluded from the vulnerability index

الخطوة 5.5

النطاق: اختيار عوامل التعرض

- استخدم القائمة المنسدلة لإضافة / استبعاد عامل (عوامل) تعرض إلى / من حساب منسب التعرض بحسب السياق المحدد للبلد
- سمة مفيدة لأداء تحليل حساسية قيم المنسب بمجموعات مختلفة من عوامل التعرض

Included in the vulnerability index

Included in the vulnerability index

Excluded from the vulnerability index

اختيار عامل التعرض

تغيير الاختيار باستخدام خيار القائمة المنسدلة



القسم 4

حساب منسب التعرض

الخطوة 1.6

النطاق: حساب منسوب التعرض

الصف رقم 2 يحتوي بالفعل على حساب آلي لمنسوب الأولويات

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1		unique_id	admin_1	admin_2	Pop	VF_01_chol_cabk	VF_02_chol_import	VF_03_chol_proximity	VF_04_mov_pathw	VF_05_pop_gathering	VF_06_overcrowded_set	VF_07_high_risk_pop	VF_08_hard_to_acc_risk_pop	VF_09_doc	VF_10_climate_event	VF_11_comp_humanit_emerg	VF_12_unimprov_water	VF_13_unimprov_sanitat	VF_14_limited_hygen	VF_15_add_factor_1	VF_16_add_factor_2	VF_17_add_factor_3	VF_18_add_factor_4	Number_of_missing_values	Priority_index	
2	id_005	admin_1_01	admin_2_005	64393	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	0	0	



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1		unique_id	admin_1	admin_2	Pop	VF_01_chol_cabk	VF_02_chol_import	VF_03_chol_proximity	VF_04_mov_pathw	VF_05_pop_gathering	VF_06_overcrowded_set	VF_07_high_risk_pop	VF_08_hard_to_acc_risk_pop	VF_09_doc	VF_10_climate_event	VF_11_comp_humanit_emerg	VF_12_unimprov_water	VF_13_unimprov_sanitat	VF_14_limited_hygen	VF_15_add_factor_1	VF_16_add_factor_2	VF_17_add_factor_3	VF_18_add_factor_4	Number_of_missing_values	Priority_index	
2	id_005	admin_1_01	admin_2_005	64393	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	0	0	1	

لا تغير أسماء وصيغ عناوين الجدول



- افتح علامة التبويب: R.1| Vulnera. index calculation
- لتوسيع الحساب ليشمل جميع الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية على كامل نطاق مجموعة بيانات المدخلات المدرجة في "جدول إدخال البيانات"، اختر أولاً الصف الأول بكامله (من الخلية A2 إلى X2)

الخطوة 2.6

النطاق: حساب منسوب التعرض

- اختر الركن السفلي الأيمن للخلية "X2"

- ضع الفأرة mouse على العلامة الخضراء (الركن الأخضر) واستمر في ضغط زر الفأرة الأيسر

- ثم اسحب الاختيار، مع استمرار ضغط زر الفأرة الأيسر، إلى أسفل لملء الصيغ إلى أن يتم إدخال جميع مجموعة بيانات مدخلات الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية في جدول المدخلات

unique_id	admin_1	admin_2	Pop	VF_01_chol_atk	VF_02_chol_import	VF_03_chol_proximity	VF_04_mov_pathw	VF_05_pop_gathering	VF_06_overcrowded_set	VF_07_high_risk_pop	VF_08_hard_to_acc_risk_pop	VF_09_ovc	VF_10_dimate_event	VF_11_comp_humanit_emerg	VF_12_unimprov_water	VF_13_unimprov_sanitat	VF_14_limited_hygien	VF_15_add_factor_1	VF_16_add_factor_2	VF_17_add_factor_3	VF_18_add_factor_4	Number_of_missing_values	Priority Index
id_005	admin_1_01	admin_2_005	64393	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	0	0

unique_id	admin_1	admin_2	Pop	VF_01_chol_atk	VF_02_chol_import	VF_03_chol_proximity	VF_04_mov_pathw	VF_05_pop_gathering	VF_06_overcrowded_set	VF_07_high_risk_pop	VF_08_hard_to_acc_risk_pop	VF_09_ovc	VF_10_dimate_event	VF_11_comp_humanit_emerg	VF_12_unimprov_water	VF_13_unimprov_sanitat	VF_14_limited_hygien	VF_15_add_factor_1	VF_16_add_factor_2	VF_17_add_factor_3	VF_18_add_factor_4	Number_of_missing_values	Priority Index
id_005	admin_1_01	admin_2_005	64393	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	0	0

الخطوة 3.6

النطاق: حساب منسب التعرض

- تحقق من أن جميع الوحدات المدرجة في الخطة الوطنية داخلة في نطاق البيانات
- بالنسبة لمجموعة بيانات التدريب المستخدمة كمثل هنا، تُدرج جميع الوحدات التشغيلية المدرجة في الخطة الوطنية حتى الصف 101 (العدد = 100)

تُحسب ألياً أرقام القيم الناقصة

File	Home	Insert	Page Layout	Formulas	Data	Review	View	Automate	Help	Acrobat	Power Pivot	Table Design	unique	admin_1	admin_2	pop	VF_0'	VF_02_chol	VF_03_chol	VF_04_mov	VF_05_pop	VF_06_ove	VF_07_high	VF_08_hard	VF_09_ovc	VF_10_clim	VF_11_comj	VF_12_unim	VF_13_unim	VF_14_limit	VF_15_add	VF_16_add	VF_17_add	VF_18_add	Number_of	Priority_ind
76	id_223	admin_1_14	admin_2_223	2E+05	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Not_included	Not_included	Not_included	Not_included	0	0	4												
77	id_224	admin_1_14	admin_2_224	2E+05	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	Initial PAMI												
78	id_225	admin_1_14	admin_2_225	3E+05	Yes	Yes	No	No	Yes	No	Yes	No	No	No	Yes	Missing_value	Not_included	Not_included	Not_included	Not_included	0	1	Initial PAMI													
79	id_227	admin_1_14	admin_2_227	6E+05	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	Initial PAMI												
80	id_231	admin_1_14	admin_2_231	5E+05	Yes	Yes	No	Yes	Yes	No	Yes	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	1	4												
81	id_233	admin_1_14	admin_2_233	2E+05	No	Yes	No	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	8												
82	id_234	admin_1_14	admin_2_234	4E+05	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	1												
83	id_239	admin_1_14	admin_2_239	3E+05	No	No	No	No	Yes	No	Yes	Missing_value	Missing_value	Missing_value	No	No	Missing_value	No	Not_included	Not_included	Not_included	Not_included	0	4	2											
84	id_244	admin_1_15	admin_2_244	1E+05	No	No	No	No	No	No	No	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included	0	0	2														
85	id_246	admin_1_15	admin_2_246	2E+05	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	1												
86	id_250	admin_1_15	admin_2_250	2E+05	Yes	No	No	No	No	No	No	Yes	No	Yes	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	Initial PAMI												
87	id_256	admin_1_15	admin_2_256	5E+05	Yes	Yes	No	Yes	No	Yes	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	Initial PAMI												
88	id_260	admin_1_15	admin_2_260	4E+05	No	No	No	No	No	No	No	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	2												
89	id_265	admin_1_15	admin_2_265	2E+05	No	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Not_included	Not_included	Not_included	Not_included	0	0	5												
90	id_277	admin_1_15	admin_2_277	2E+05	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not_included	Not_included	Not_included	Not_included	0	0	Initial PAMI												
91	id_281	admin_1_17	admin_2_281	3E+05	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	Not_included	Not_included	Not_included	Not_included	0	0	Initial PAMI													
92	id_282	admin_1_17	admin_2_282	4E+05	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included	0	0	Initial PAMI												
93	id_284	admin_1_17	admin_2_284	2E+05	No	Yes	No	No	Yes	No	Yes	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	4												
94	id_292	admin_1_18	admin_2_292	1E+05	No	No	No	Yes	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	1												
95	id_300	admin_1_18	admin_2_300	2E+05	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Not_included	Not_included	Not_included	Not_included	0	0	3												
96	id_302	admin_1_18	admin_2_302	91815	No	No	No	No	No	Yes	No	No	No	Yes	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	2												
97	id_304	admin_1_18	admin_2_304	2E+05	No	No	No	No	No	No	No	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	1												
98	id_305	admin_1_18	admin_2_305	2E+05	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included	0	0	0												
99	id_306	admin_1_18	admin_2_306	1E+05	No	Yes	No	Yes	No	No	No	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included	0	0	3														
100	id_307	admin_1_18	admin_2_307	1E+05	No	No	No	No	Missing_value	Yes	Missing_value	No	Yes	No	No	Yes	No	Not_included	Not_included	Not_included	Not_included	0	2	3												
101	id_102	admin_1_07	admin_2_308	3E+05	No	No	No	No	No	No	No	No	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included	0	0	1													

تُحسب ألياً قيم منسب التعرض

الخطوة 4.6

النطاق: تفسير منسب التعرض

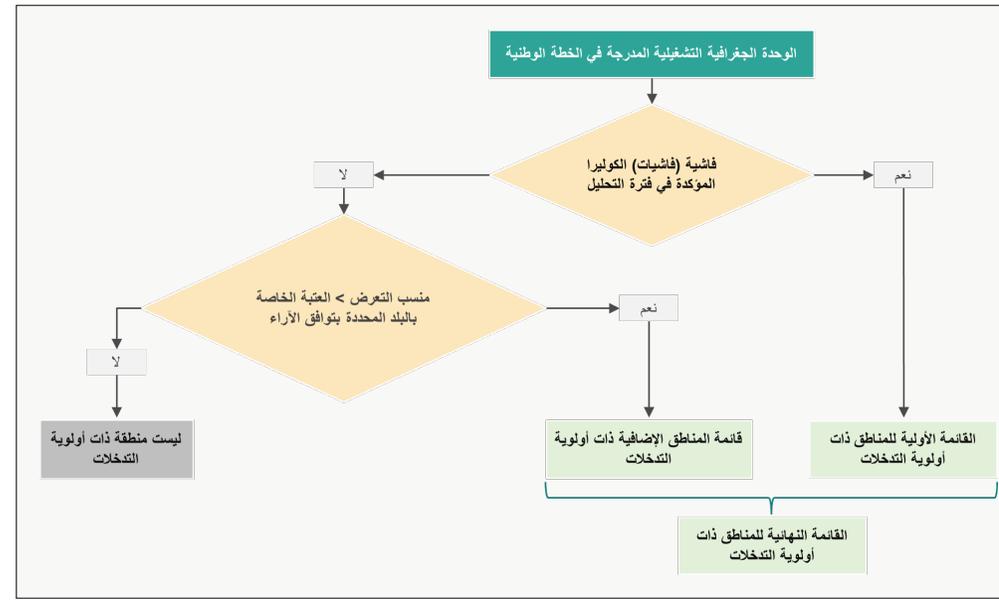
وفقاً للطريقة الحسابية لتصنيف المناطق ذات أولوية التدخلات:

Id_014: جميع العوامل = "لا" ← قيمة المنسب = 0 ← ليست منطقة ذات أولوية التدخلات

Id_038: الوحدة المدرجة في الخطة الوطنية التي أبلغ فيها عن فاشية كوليرا مؤكدة واحدة على الأقل في السنوات الخمس الأخيرة = "نعم" ← قيمة المنسب = منطقة ذات أولوية التدخلات

Id_055: خمسة عوامل = "نعم" ← قيمة المنسب = 5 ← تحقق من عتبة المنسب لتصنيف المنطقة بوصفها ذات أولوية التدخلات أم لا

الطريقة الحسابية لتصنيف المناطق ذات أولوية التدخلات



	unique_id	admin_1	admin_2	pop	VF_01_chol_cbrk	VF_02_chol_import	VF_03_chol_proximity	VF_04_mov_pathw	VF_05_pop_gathering	VF_06_overnarrowed_set	VF_07_high_risk_pop	VF_08_hard_to_acc_risk_pop	VF_09_ocv	VF_10_dimate_event	VF_11_comp_humanit_emerg	VF_12_unimprov_water	VF_13_unimprov_sanitat	VF_14_limited_hygien	VF_15_add_factor_1	VF_16_add_factor_2	VF_17_add_factor_3	VF_18_add_factor_4	Number_of_missing_values	Priority_index	
1	id_005	admin_1_01	admin_2_005	64393	No	No	No	No	No	No	No	No	No	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	0	0	0	0
3	id_013	admin_1_02	admin_2_013	1E+05	Yes	Yes	No	No	Yes	No	Yes	No	No	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	Initial PAMI	0	0	
4	id_014	admin_1_02	admin_2_014	37086	No	No	No	No	No	No	No	No	No	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	0	0	0	
5	id_015	admin_1_02	admin_2_015	2E+05	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	2	0	2	
6	id_022	admin_1_02	admin_2_022	3E+05	No	No	fissing_valu	No	No	No	No	No	No	No	No	No	No	No	Yes	lot_includelot_includelot_includelot_include	0	1	1	0	1
7	id_025	admin_1_02	admin_2_025	3E+05	Yes	No	Yes	No	No	No	No	No	No	Yes	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	Initial PAMI	0	0	
8	id_028	admin_1_02	admin_2_028	2E+05	No	No	No	No	No	No	No	No	No	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	0	0	0	
9	id_030	admin_1_02	admin_2_030	1E+05	No	No	No	No	No	No	No	No	No	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	0	0	0	
10	id_033	admin_1_02	admin_2_033	2E+05	No	No	No	No	No	No	No	No	No	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	0	0	0	
11	id_035	admin_1_02	admin_2_035	3E+05	No	Yes	fissing_valu	No	Yes	No	Yes	No	No	fissing_valu	No	No	No	No	lot_includelot_includelot_includelot_include	0	2	3	0	3	
12	id_038	admin_1_02	admin_2_038	3E+05	Yes	No	No	No	No	No	Yes	No	Yes	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	Initial PAMI	0	0	
13	id_039	admin_1_02	admin_2_039	2E+05	No	No	No	No	No	No	No	No	No	Yes	No	No	No	Yes	lot_includelot_includelot_includelot_include	0	0	1	0	1	
14	id_048	admin_1_03	admin_2_048	2E+05	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	Initial PAMI	0	0	
15	id_051	admin_1_03	admin_2_051	4E+05	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	No	Yes	No	lot_includelot_includelot_includelot_include	0	0	8	0	8	
16	id_053	admin_1_04	admin_2_053	2E+05	No	No	fissing_valu	No	Yes	No	Yes	No	No	No	No	No	Yes	lot_includelot_includelot_includelot_include	0	1	4	0	4		
17	id_054	admin_1_04	admin_2_054	2E+05	No	No	No	No	Yes	No	Yes	No	Yes	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	3	0	3	
18	id_055	admin_1_04	admin_2_055	4E+05	No	Yes	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	5	0	5	
19	id_058	admin_1_04	admin_2_058	2E+05	No	No	No	No	Yes	No	Yes	No	No	Yes	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	3	0	3	
20	id_065	admin_1_04	admin_2_065	1E+05	No	Yes	No	No	Yes	Yes	Yes	No	No	Yes	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	5	0	5	
21	id_066	admin_1_04	admin_2_066	2E+05	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	lot_includelot_includelot_includelot_include	0	0	1	0	1	
22	id_067	admin_1_04	admin_2_067	1E+05	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	No	No	No	No	lot_includelot_includelot_includelot_include	0	0	Initial PAMI	0	0	

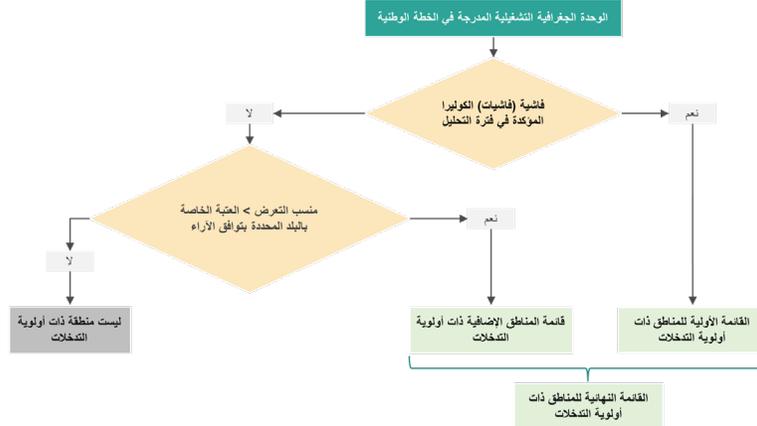


القسم 5

استكشاف وتصدير نتائج منسب التعرض

To refresh the table, type **CTRL + ALT + F5** or open tab Data, then select the drop-down menu "Refresh all" and click on "Refresh all"

Summary table of key parameters stratified by priority index values



Vulnerability index values	Number of geographic units	Cum. number of geographic units	Rel. % of the num. of geographic units	Cum. % of the num. of geographic units	Total population	Rel. % of total population	Cum. % of total population
#REF!	100	100	NA	NA	NA	NA	NA
Grand Total	NA	NA	NA	NA	NA	NA	NA

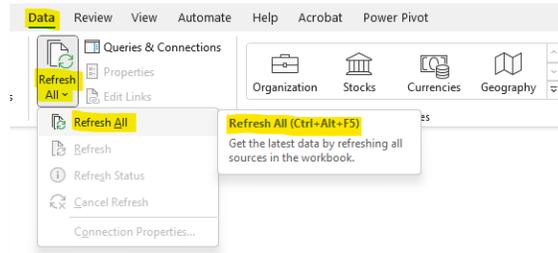
< > Information --> Data input table --> Factor selection R.1| Vulnera. index calculation R.2| Vulnera. index summary R.3| Missing data overview R.4| Table PAMs export +



لتحديث جميع البيانات الآلية والجداول المحورية في سجل إكسل:

الخيار 1: اضغط CTRL + ALT + F5

الخيار 2: افتح علامة التبويب Data، ثم اختر من القائمة المنسدلة "Refresh all" واضغط على "Refresh all"



الخطوة 7

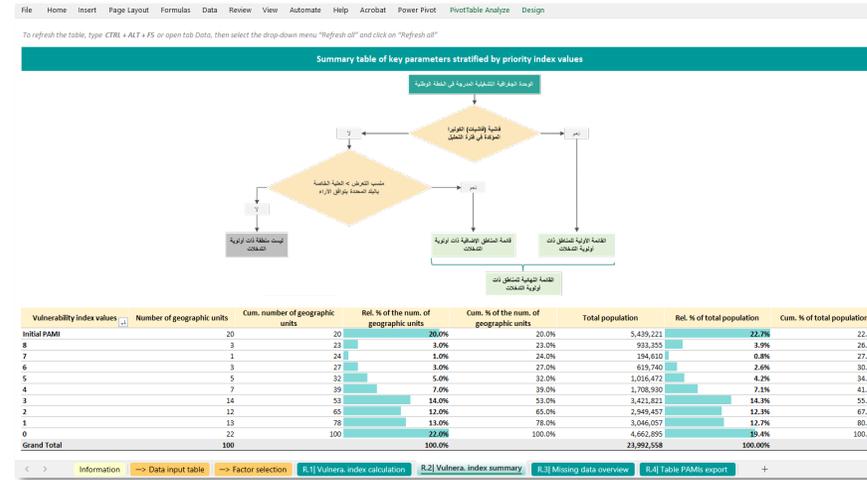
النطاق: تحديث البيانات والجداول المحورية

افتح علامة التبويب: R.2| Vulnera. index summary

لتحديث السجل workbook

الخطوة 1.8

النطاق: استكشاف الجدول الموجز



زر الفرز والتصفية
Sort and filter



- يحتوي الجدول المحوري على معالم رئيسية (بارامترات) (أي عدد الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية، والسكان المستهدفون) مصنفة بحسب قيم منسب التعرض
- لغرض الإيضاح، قيمة المنسب تساوي 6

بافتراض أن عتبة منسب التعرض < 6، فإن 24 وحدة تشغيلية مدرجة في الخطة الوطنية، تمثل نسبة 27.4% من إجمالي السكان، تُصنف كمناطق ذات أولوية التدخلات:

- 20 وحدة تُصنف مبدئياً كمناطق ذات أولوية التدخلات نتيجة لسوابق انتقال الكوليرا
- 4 وحدات تُصنف كمناطق ذات أولوية التدخلات لأن قيمة المنسب < 6

Vulnerability factors	Num. of observations				Relative percentage			
	Missing values	"No"	"Yes"	Total	Missing values	"No"	"Yes"	Total
Confirmed cholera outbreak(s) over the analysis period	1	79	20	100	1.0%	79.0%	20.0%	100.0%
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	0	68	32	100	0.0%	68.0%	32.0%	100.0%
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	7	73	20	100	7.0%	73.0%	20.0%	100.0%
Location along major travel routes with transportation hubs	0	80	20	100	0.0%	80.0%	20.0%	100.0%
Major population gatherings	2	66	32	100	2.0%	66.0%	32.0%	100.0%
High population density locations or overcrowded settings	0	84	16	100	0.0%	84.0%	16.0%	100.0%
High-risk populations	2	66	32	100	2.0%	66.0%	32.0%	100.0%
Hard-to-access populations	1	93	6	100	1.0%	93.0%	6.0%	100.0%
Population that received oral cholera vaccine (OCV) more than three years ago	2	75	23	100	2.0%	75.0%	23.0%	100.0%
High-risk for extreme climate and weather conditions	4	83	13	100	4.0%	83.0%	13.0%	100.0%
Complex humanitarian emergency	0	73	27	100	0.0%	73.0%	27.0%	100.0%
Unimproved water	0	75	25	100	0.0%	75.0%	25.0%	100.0%
Unimproved sanitation	3	79	18	100	3.0%	79.0%	18.0%	100.0%
Limited access to hygiene	2	70	28	100	2.0%	70.0%	28.0%	100.0%
Additional country-specific cholera vulnerability factor (1)	0	0	0	0	.	.	.	.
Additional country-specific cholera vulnerability factor (2)	0	0	0	0	.	.	.	.
Additional country-specific cholera vulnerability factor (3)	0	0	0	0	.	.	.	.
Additional country-specific cholera vulnerability factor (4)	0	0	0	0	.	.	.	.

الخطوة 2.8

النطاق: التحقق من البيانات الناقصة

- افتح علامة التبويب: R.3| Missing data overview
- تحقق من تواتر البيانات الناقصة
- ينبغي جمع بيانات عن مؤشرات التعرض القابلة للقياس لجميع الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية، لمنع التحيز في حساب منسب التعرض

لاحظ أن مجموعة بيانات التدريب تحتوي بالفعل على البيانات الناقصة لغرض إيراد مثال. يُوصى فقط باستيراد مجموعة البيانات الخالية من البيانات الناقصة، لتجنب التحيز في حساب منسب التعرض. لمزيد من المعلومات، انظر القسم المعنون "إدارة البيانات الناقصة" في الوثيقة الإرشادية والقسم المعنون "الأسئلة الشائعة" أدناه.



الخطوة 9

النطاق: استكشاف الجدول Table PAMs export

- افتح علامة التبويب: R.4] Table PAMs export
- يمكن زر الفرز Sort وزر التصفية filter من استكشاف الوحدات الجغرافية وفقاً لقيمة المنسب المختارة يجوز استخدام هذا الجدول وتصديره لغرض المزيد من التحليل ورسم الخرائط

تم اختيار قيمتي المنسب 7 و 8



القسم 6

الأسئلة الشائعة

قائمة الأسئلة الشائعة

يقدم هذا القسم معلومات تكميلية بشأن مواضع محددة وإجراءات استكشاف الخلل وإصلاحه:

- كيف تغير وزن عامل تعرض؟
- كيف تختار عوامل التعرض المدرجة في حساب المنسب؟
- كيف تضيف عامل تعرض إضافياً في قالب البيانات؟
- كيف تضيف عامل تعرض إضافياً في حساب المنسب؟
- كيف تتعامل مع البيانات الناقصة؟
- كيف تزيل الأخطاء الموجودة في علامة التبويب R.1؟

كيف تغير وزن عامل تعرض؟ (2)

النطاق: وزن عامل التعرض

Vulnerability factors	Measurable indicators	Variable names	Indicator weight
Confirmed cholera outbreak(s) over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five year/analysis period	VF_01_cho_otbk	Not applicable
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported (from another country or another NCP operational geographic unit reported during the analysis period)	VF_02_cho_import	1
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_cho_proximity	2
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hub(s)	VF_04_mov_pathw	1
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	3
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	2
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (two-doses OCV campaign with a coverage for both round >70%)	VF_09_ocv	1
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_climate_event	1
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_comp_humanit_emerg	1

قيم الوزن الجديدة تُطبق تلقائياً في حساب المنسب

جَدِّد refresh السجل دائماً لتحديث جداول النتائج باستخدام الوصلة المختصرة للسجل: Ctrl+Alt+F5

- في هذا المثال المبين إلى اليسار، فإن درجة عامل القيمة (1 أو 0) لكل من:
 - "الوحدة العابرة للحدود المدرجة في الخطة الوطنية والمتاخمة لمناطق عابرة للحدود تتأثر بشكل متكرر بفاشيات الكوليرا أو تصنّف بأنها مناطق ذات أولوية التدخلات في البلدان المجاورة"، يُحدد لها الوزن النسبي 2
 - "الوحدة المدرجة في الخطة الوطنية التي يوجد بها تجمع سكاني ضخم أو تجمعات سكانية ضخمة" يُحدد لها الوزن النسبي 3
 - "الوحدة المدرجة في الخطة الوطنية التي يوجد بها سكان يصعب الوصول إليهم" يُحدد لها الوزن النسبي 2

List of the country-specific vulnerability factors	Update measurable indicator definition	Set the indicator relative weight (if applicable)	Select factors for the vulnerability index calculation
Vulnerability factors	Measurable indicators	Variable names	Indicator weight
Confirmed cholera outbreaks over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five years/analysis period	VF_01_chol_obs	Not applicable
Confirmed cholera imported cases in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported from another country or another NCP operational geographic unit reported during the analysis period	VF_02_chol_import	1
Cross-border areas adjacent to frequently cholera affected areas or identified PAMIs in neighbouring countries	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_chol_proximity	1
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hubs	VF_04_travel_pathw	1
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	1
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	1
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (three-doses OCV coverage with a coverage for both round -70%)	VF_09_ovc	1
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_extreme_event	1
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_complex_humanit_emerg	1
Unimproved water	NCP unit with more than 20% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1
Unimproved sanitation	NCP unit with more than 20% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 10% of the population practicing open defecation	VF_13_unimprov_sanit	1
Limited access to hygiene	NCP unit with more than 20% of the population with no handwashing facility on premises	VF_14_limited_hygen	1
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected "NCP unit with ..."	VF_15_add_factor_1	1
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected "NCP unit with ..."	VF_16_add_factor_2	1
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected "NCP unit with ..."	VF_17_add_factor_3	1
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected "NCP unit with ..."	VF_18_add_factor_4	1

Selection of factors in the vulnerability index

Selection of factors in the vulnerability index
If "YES", NCP geo. unit is a PAMI
Included in the vulnerability index
Included in the vulnerability index
Excluded from the vulnerability index
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Excluded from the vulnerability index

2- استخدم القائمة المنسدلة لكي تدرج في عملية حساب منسوب التعرض أو تستبعد منها عامل التعرض الموجود في نفس الصف.

ملاحظة: العامل المعنون "فاشية (فاشيات) الكوليرا المؤكدة في فترة التحليل" مدرج دائماً في عملية حساب المنسوب.

كيف تختار عوامل التعرض المدرجة في حساب المنسوب؟

النطاق: إدارة عوامل التعرض

- تمنح الأداة المستخدم القدرة على اختيار / عدم اختيار عوامل التعرض المدرجة في حساب المنسوب
- حساب المنسوب يُحدّث تلقائياً بقائمة العوامل المختارة

عنصر نائب لتخزين معلومات المؤشر القابل للقياس (نعم/ لا)

VF_15_add_factor_1
VF_16_add_factor_2
VF_17_add_factor_3
VF_18_add_factor_4

كيف تضيف عامل تعرض إضافياً في قالب البيانات؟

النطاق: إدارة بيانات عوامل التعرض

	unique_id	admin_1	admin_2	population	VF_01_chol_dvik	VF_02_chol_umbrot	VF_03_chol_proximity	VF_04_moxr_gdhw	VF_05_poop_gathering	VF_06_wormwood_test	VF_07_high_risk_poop	VF_08_hard_to_see_pnk_poop	VF_09_ow	VF_10_dinmte_svert	VF_11_como_humand_smerg	VF_12_unimprova_water	VF_13_unimprova_sanitary	VF_14_unimprova_hygen	VF_15_add_factor_1	VF_16_add_factor_2	VF_17_add_factor_3	VF_18_add_factor_4	
3	id_005	admin_1_01	admin_2_005	64,393	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
4	id_013	admin_1_02	admin_2_013	121,255	Yes	Yes	No	No	No	No	No	No	Yes	No	No	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included
5	id_014	admin_1_02	admin_2_014	37,086	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included
6	id_015	admin_1_02	admin_2_015	164,440	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
7	id_022	admin_1_02	admin_2_022	290,397	No	Missing_value	No	No	No	No	No	No	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included
8	id_025	admin_1_02	admin_2_025	253,327	Yes	No	Yes	No	No	Yes	No	No	No	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
9	id_028	admin_1_02	admin_2_028	169,610	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
10	id_030	admin_1_02	admin_2_030	119,295	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
11	id_033	admin_1_02	admin_2_033	223,118	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
12	id_035	admin_1_02	admin_2_035	317,110	No	Yes	Missing_value	No	Yes	No	No	No	Missing_value	No	No	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included
13	id_038	admin_1_02	admin_2_038	283,942	Yes	No	No	No	No	No	No	Yes	No	No	No	No	No	No	Yes	Not_included	Not_included	Not_included	Not_included
14	id_039	admin_1_02	admin_2_039	161,100	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included
15	id_048	admin_1_03	admin_2_048	166,885	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
16	id_051	admin_1_03	admin_2_051	369,669	No	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	No	No	Yes	No	Not_included	Not_included	Not_included	Not_included
17	id_053	admin_1_04	admin_2_053	200,425	No	Missing_value	No	Yes	No	Yes	No	Yes	No	No	No	No	Yes	No	No	Not_included	Not_included	Not_included	Not_included
18	id_054	admin_1_04	admin_2_054	176,323	No	No	No	Yes	No	Yes	No	Yes	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
19	id_055	admin_1_04	admin_2_055	374,440	No	Yes	No	No	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
20	id_058	admin_1_04	admin_2_058	227,349	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
21	id_065	admin_1_04	admin_2_065	111,409	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
22	id_068	admin_1_04	admin_2_068	162,852	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Not_included	Not_included	Not_included	Not_included
23	id_067	admin_1_04	admin_2_067	122,772	Yes	Yes	Yes	No	Yes	No	No	No	Yes	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
24	id_070	admin_1_04	admin_2_070	260,209	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	Not_included	Not_included	Not_included	Not_included
25	id_073	admin_1_05	admin_2_073	212,023	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included
26	id_074	admin_1_05	admin_2_074	219,337	No	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No	No	Not_included	Not_included	Not_included	Not_included
27	id_088	admin_1_06	admin_2_088	441,446	No	Missing_value	No	No	No	Missing_value	No	No	Missing_value	No	Missing_value	Missing_value	No	No	No	Not_included	Not_included	Not_included	Not_included
28	id_090	admin_1_06	admin_2_090	302,855	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	Not_included	Not_included	Not_included	Not_included
29	id_094	admin_1_06	admin_2_094	185,842	No	Missing_value	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	Not_included

قالب البيانات يسمح بإضافة أربعة عوامل إضافية خاصة بالبلد

على سبيل المثال، يؤخذ في الاعتبار عامل تعرض إضافي واحد خاص بالبلد هو "مناطق بها ميناء أو موانئ وسوق للسماك"

تضاف البيانات تحت العامل "VF_15_add_factor_1"

لا تغير اسم المتغير في القالب



List of the country-specific vulnerability factors	Update measurable indicator definition	Set the indicator relative weight (if applicable)	Select factors for the vulnerability index calculation
	- Outcome of each measurable indicator is expected to be "Yes"/"No"	- Do not modify the variable names	- Use the drop menu to select vulnerability factors to be included in the vulnerability index calculation (except for "Confirmed cholera outbreak(s) over the analysis period" already added by default)
Vulnerability factors	Measurable indicators	Variable names	Indicator weight
Confirmed cholera outbreak(s) over the analysis period	NCP unit with at least one confirmed cholera outbreak reported over the past five year/analysis period	VF_01_choI_otbk	Not applicable
Confirmed cholera imported case(s) in the NCP operational geographic unit considered	NCP unit with at least one confirmed cholera case imported (from another country or another NCP operational geographic unit reported during the analysis period)	VF_02_choI_import	1
Cross-border areas adjacent to frequently cholera-affected areas or identified PAMIs in neighbouring country(ies)	Cross-border NCP unit adjacent to cross-border areas frequently affected by cholera outbreaks or classified as PAMI in neighbouring countries	VF_03_choI_proximity	1
Location along major travel routes with transportation hubs	NCP unit located along transportation pathway(s) with transportation hub(s)	VF_04_mov_pathw	1
Major population gatherings	NCP unit hosting major population gathering(s)	VF_05_pop_gathering	1
High population density locations or overcrowded settings	NCP unit with high population density or overcrowded settings	VF_06_overcrowded_set	1
High-risk populations	NCP unit with high-risk population	VF_07_high_risk_pop	1
Hard-to-access populations	NCP unit with hard-to-access population	VF_08_hard_to_acc_risk_pop	1
Population that received oral cholera vaccine (OCV) more than three years ago	NCP unit with a population vaccinated more than three years ago (two-doses OCV campaign with a coverage for both round >70%)	VF_09_ocv	1
High-risk for extreme climate and weather conditions	NCP unit exposed to extreme climate and weather conditions	VF_10_climate_event	1
Complex humanitarian emergency	NCP unit located in an area under a complex humanitarian emergency	VF_11_comp_humanit_emerg	1
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanit	1
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_15_add_factor_1	1
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1

كيف تضيف عامل تعرض إضافياً في حساب المنسب؟ (1)

النطاق: إدارة عوامل التعرض

قد يرغب بعض المستخدمين في إدراج عوامل تعرض غير محددة في القائمة الإرشادية

الأداة تسمح بإضافة أربعة عوامل إضافية خاصة بالبلد إلى عوامل التعرض باستخدام صفوف "عامل تعرض إضافي خاص بالبلد"

"Additional country-specific cholera vulnerability factor"
(1 إلى 4)

عنصر نائب لعوامل التعرض الإضافية

لاحظ أن عوامل التعرض الإضافية لا تُدرج تلقائياً في حساب المنسب.

كيف تضيف عامل تعرض إضافياً في حساب المنسب؟ (2)

النطاق: إدارة عوامل التعرض

- على سبيل المثال، يُضاف بشكل يدوي عامل تعرض إضافي خاص بالبلد "ميناء (موانئ) بها سوق للسماك" والتعريف المقابل للمؤشر القابل للقياس.

List of the country-specific vulnerability factor(s)	Update measurable indicator definition	Set the indicator relative weight (if applicable)	Select factors for the vulnerability index calculation
	- Outcome of each measurable indicator is expected to be "Yes"/"No"	- Do not modify the variable names	- By default, unweighted sum corresponds to weight value of 1 - Numeric weight can be modified by the user (e.g., 2, 4, ...)
Vulnerability factors	Measurable indicators	Variable names	Indicator weight
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1
Additional country-specific cholera vulnerability factor (1)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_15_add_factor_1	1
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1



Vulnerability factors	Measurable indicators	Variable names	Indicator weight
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1
Harbor(s) with fish market	NCP unit with harbor(s) with traditionnal fish market	VF_15_add_factor_1	1
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1

كيف تضيف عامل تعرض إضافياً في حساب المنسب؟ (3)

النطاق: إدارة عوامل التعرض

على سبيل المثال، يجوز للمستخدم تحديد وزن نوعي قدره 2 (خطوة اختيارية)

Vulnerability factors	Measurable indicators	Variable names	Indicator weight
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1
Harbor(s) with fish market	NCP unit with harbor(s) with traditionnal fish market	VF_15_add_factor_1	1
Additionnal country-specific cholera vulnerability factor (2)	To be completed if additionnal cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1
Additionnal country-specific cholera vulnerability factor (3)	To be completed if additionnal cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1
Additionnal country-specific cholera vulnerability factor (4)	To be completed if additionnal cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1



Vulnerability factors	Measurable indicators	Variable names	Indicator weight
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1
Harbor(s) with fish market	NCP unit with harbor(s) with traditionnal fish market	VF_15_add_factor_1	2
Additionnal country-specific cholera vulnerability factor (2)	To be completed if additionnal cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1
Additionnal country-specific cholera vulnerability factor (3)	To be completed if additionnal cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1
Additionnal country-specific cholera vulnerability factor (4)	To be completed if additionnal cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1

كيف تضيف عامل تعرض إضافياً في حساب المنسب؟ (4)

النطاق: إدارة عوامل التعرض

Vulnerability factors	Measurable indicators	Variable names	Indicator weight	Selection of factors in the vulnerability index
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1	Included in the vulnerability index
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1	Included in the vulnerability index
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1	Included in the vulnerability index
Harbor(s) with fish market	NCP unit with harbor(s) with traditionnal fish market	VF_15_add_factor_1	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1	Included in the vulnerability index
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1	Excluded from the vulnerability index

Information → Data input table → Factor selection R.1| Vulnera. index calculation R.2| Vulnera. index summary R.3| Missing data overview R.4| Table PAMIs export +



Vulnerability factors	Measurable indicators	Variable names	Indicator weight	Selection of factors in the vulnerability index
Unimproved water	NCP unit with more than 30% of the population using unimproved water facility type (calculated as sum of % of population with unimproved service level and % of population using surface water) OR more than 15% of the population using surface water	VF_12_unimprov_water	1	Included in the vulnerability index
Unimproved sanitation	NCP unit with more than 50% of the population using unimproved sanitation facility type (calculated as % of population with unimproved sanitation service level and % of population practicing open defecation) OR more than 30% of the population practicing open defecation	VF_13_unimprov_sanitat	1	Included in the vulnerability index
Limited access to hygiene	NCP unit with more than 50% of the population with no handwashing facility on premises	VF_14_limited_hygien	1	Included in the vulnerability index
Harbor(s) with fish market	NCP unit with harbor(s) with traditionnal fish market	VF_15_add_factor_1	1	Included in the vulnerability index
Additional country-specific cholera vulnerability factor (2)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_16_add_factor_2	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (3)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_17_add_factor_3	1	Excluded from the vulnerability index
Additional country-specific cholera vulnerability factor (4)	To be completed if additional cholera country-specific factor are selected: "NCP unit with ..."	VF_18_add_factor_4	1	Excluded from the vulnerability index

Information → Data input table → Factor selection R.1| Vulnera. index calculation R.2| Vulnera. index summary R.3| Missing data overview R.4| Table PAMIs export +

- لإدراج عامل تعرض إضافي في المنسب، اختر " Included in the vulnerability index " في القائمة المنسدلة
- العامل الإضافي أُدرج الآن تلقائياً في حساب المنسب

كيف تتعامل مع البيانات الناقصة؟

النطاق: إدارة البيانات الناقصة

كمبدأ عام، ينبغي أن تكون البيانات المتعلقة بمؤشرات التعرض متاحة لجميع الوحدات الجغرافية المدرجة في الخطة الوطنية، لمنع التحيز في حساب منسب التعرض.

لمزيد من المعلومات، انظر "إدارة المعلومات الناقصة" في [الوثيقة الإرشادية](#)

الخيارات	المعلومات الناقصة
يُوصى باستخدام مؤشر بديل وضبط التعريف الأولي للمؤشر القابل للقياس بناءً على ذلك.	معلومات ناقصة عن عامل تعرض قابل القياس في معظم الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية
من الممكن أن تكون بيانات مؤشر التعرض هي البيانات الوحيدة المتاحة على المستوى الجغرافي الأعلى بالمقارنة مع المستوى المختار للوحدة الجغرافية التشغيلية المدرجة في الخطة الوطنية (مثلاً، تُتاح قيمة المؤشر على المستوى الإداري 1، ولا تُتاح قيمة مصنفة للمؤشر على المستوى الإداري 2).	معلومات ناقصة عن عامل تعرض على مستوى الوحدة الجغرافية التشغيلية المدرجة في الخطة الوطنية
يمكن النظر في خيارات تكميلية مختلفة لعلاج هذا الوضع، تشمل إجراء استقصاء مخصص الغرض لجمع المعلومات الناقصة أو الطلب من الخبراء المختصين تقديم تقييم نوعي للمؤشر المقابل من أجل استكمال فجوة البيانات. إن ظلت المعلومات ناقصة جزئياً، يُعالج ذلك بالتقييم النوعي لوجود / غياب عامل (عوامل) تعرض استناداً إلى رأي المشاركين أثناء حلقة عمل اعتماد المناطق من قِبَل أصحاب المصلحة.	معلومات غير كاملة (أو ذات نوعية دون المثلى) عن مؤشر تعرض في بعض الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية.

كيف تعالج الخطأ في علامة التبويب R.1؟ (1)

النطاق: إزالة الصفوف غير الضرورية في حساب منسب الأولويات (الخطوة 2.7)

عند سحب الصيغ إلى أسفل لملء جدول بيانات علامة التبويب R.1 | Vuln. index calculation إلى أن يتم إدخال جميع مجموعة بيانات مدخلات الوحدات الجغرافية التشغيلية المدرجة في الخطة الوطنية في الجدول

قد يوسع المستخدم نطاق الاختيار ليتجاوز نطاق إدخال البيانات المدرجة في "Data input table" ->

	unique	admin_1	admin_2	pop	VF_01_ch	VF_02_ch	VF_03_ch	VF_04_mc	VF_05_pop_gath	VF_06_ov	VF_07_high_ris	VF_08_ha	VF_09_ovc	VF_10_dir	VF_11_coi	VF_12_un	VF_13_un	VF_14_lim	VF_15_ad	VF_16_add_fi	VF_17_add_fi	VF_18_add_fi	Num	Priority_index	
91	id_281	admin_1_17	admin_2_281	3E+05	Yes	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	No	Not_included	Not_included	Not_included	0	0	Initial PAMI	
92	id_282	admin_1_17	admin_2_282	4E+05	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	No	Not_included	Not_included	Not_included	0	0	Initial PAMI	
93	id_284	admin_1_17	admin_2_284	2E+05	No	Yes	No	No	Yes	No	Yes	No	No	No	Yes	No	No	No	Not_included	Not_included	Not_included	0	0	4	
94	id_292	admin_1_18	admin_2_292	1E+05	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	0	0	1	
95	id_300	admin_1_18	admin_2_300	2E+05	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Not_included	Not_included	Not_included	0	0	3	
96	id_302	admin_1_18	admin_2_302	91815	No	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No	Not_included	Not_included	Not_included	0	0	2	
97	id_304	admin_1_18	admin_2_304	2E+05	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	Not_included	Not_included	Not_included	0	0	1	
98	id_305	admin_1_18	admin_2_305	2E+05	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Not_included	Not_included	Not_included	0	0	0	
99	id_306	admin_1_18	admin_2_306	1E+05	No	Yes	No	Yes	No	No	No	No	No	No	Yes	No	Yes	No	Not_included	Not_included	Not_included	0	0	3	
100	id_307	admin_1_18	admin_2_307	1E+05	No	No	No	No	Missing_value	Yes	Missing_value	No	Yes	No	No	No	Yes	No	Not_included	Not_included	Not_included	0	2	3	
101	id_102	admin_1_07	admin_2_308	3E+05	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	Not_included	Not_included	Not_included	0	0	1	
102	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
103	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
104	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
105	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
106	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
107	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
108																									
109																									
110																									

تقابل مجموعة بيانات التدريب المستخدمة في المثال أعلاه أعداد الصفوف الأعلى من 101 التي تتضمن رسائل أخطاء في الخلايا المقابلة ("#REF!")

تُوجه الأسئلة وطلبات الحصول على
الدعم التقني بشأن تحديد المناطق ذات
أولوية التدخلات إلى

gtfccsecretariat@who.int

الاتصال