



Global Environmental Crime Tracker

User Guide

Last updated: 21st October 2024

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Introduction

This user guide has been produced alongside the 'global environmental crime tracker' on EIA's website for public use. Within this guide are sections on how to use the tool and a breakdown of what each visualisation is showing. Data standards, estimated formulas and caveats for the data have been included per species. Please ensure that you have read and understood these before using the data. If quoting data from the tool in published articles or journals, please cite EIA as the source.

Environmental Investigation Agency (2021), Global Environmental Crime Tracker. Available at: <https://eia-international.org/gect>

To provide feedback on the tool or to ask a question about the data please use the contact us form found [here](#).

General methodology of data collected

Data has been collected by EIA staff from publicly available information, including government reports, enforcement agency press releases and non-governmental and academic papers, along with news media in several languages. The collection of the data used by the tool is reliant on EIA staff and NGOs, therefore it is not an exhaustive data set and likely represents only a fraction of actual activity.

Seizure and other incident data is subject to certain limitations, such as reporting rates, data accessibility and language barriers. The rate of reported seizures is subject to national law enforcement efforts and effectiveness, as well as law enforcement effort in publicising incidents and the national media interest in reporting on incidents. As is reported by [UNODC](#) in their 2020 World Wildlife Report, seizure data can be difficult to interpret in isolation and can lead to misleading conclusions because the data represents more than one indicator; the presence of a problem and the initiative of the relevant authorities in addressing it. On their own, seizures cannot be used to demonstrate the magnitude and trend of the trafficking and should always be analysed alongside other information sources to obtain a more comprehensive picture.

EIA uses this information to complement additional intelligence sources when analysing trafficking methodology. As the Tracker is developed, we hope to be able to include additional non-sensitive sources of information alongside the seizure data that is currently displayed. We would welcome collaboration from any researchers looking at trends and probability to discuss our data collection methodology in more detail so we can continue to improve the output of the Tracker.

EIA's search effort focuses on elephants, rhinos, pangolins, tiger, leopard, snow leopard, clouded leopard, totoaba, refrigerant gases, the illegal plastic waste trade and various species of timber. If additional species are seized alongside these primary species, then they have also been categorised and entered into the database.



As a small non-governmental organisation, our capacity to collate information on seizures and prosecutions globally is limited. Some data is less accessible via open-source research methods and EIA does not have the resources to reach out to all law enforcement agencies at district level. Where possible, we regularly exchange data sets with other organisations who collect similar data to fill any gaps in data collection, but we have limited resources to be able to research and identify all seizures and conviction outcomes. We welcome any input from others in helping to update our records. If you would like to contribute towards our database, then please get in touch [here](#).

In the future we hope to expand the Tracker to include other types of environmental crime.

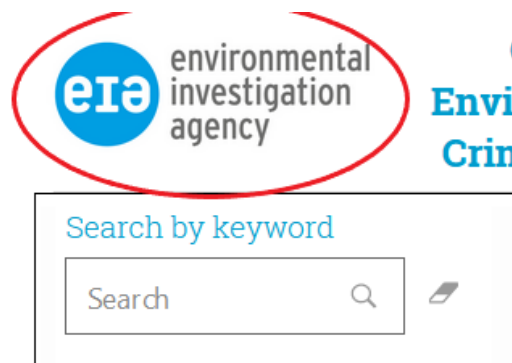
Interactive report general use

Navigation

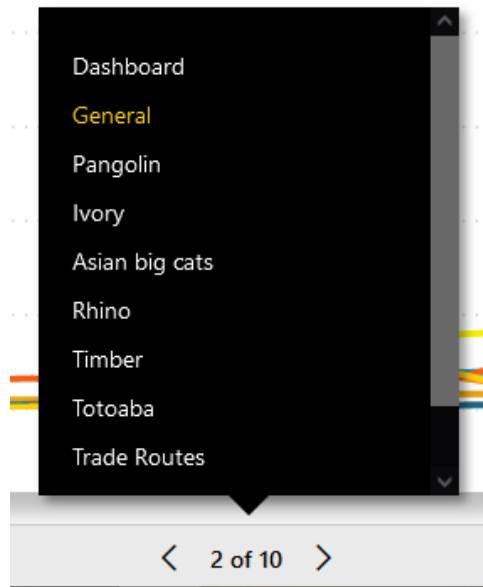
Enter the Tracker by clicking on the dashboard 'Enter Global Environmental Crime Tracker' or go straight to the specific page by clicking on the relevant image.



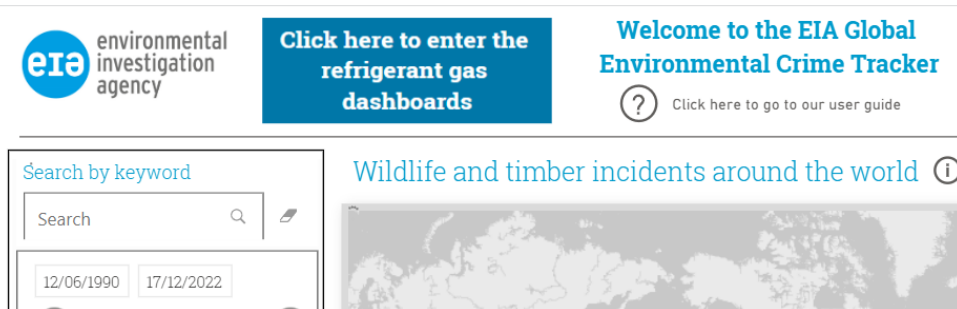
To return to the dashboard from any page, click on the EIA logo in the top left corner of the page.



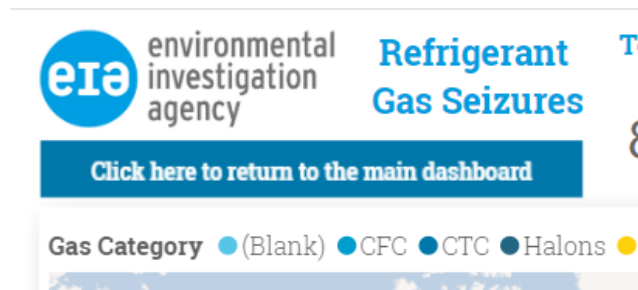
Use the arrows at the bottom of the page to move through the dashboard pages or click in the centre of the page numbers to show the navigation menu.



The general page refers to wildlife and timber incidents only. To access the refrigerant gas pages, click on the button at the top of the page, or click on the illegal refrigerant gas picture on the front dashboard.



To return to the main dashboards, click on the button at the top of the main refrigerant gas page, or the EIA logo on any page.



Functionality

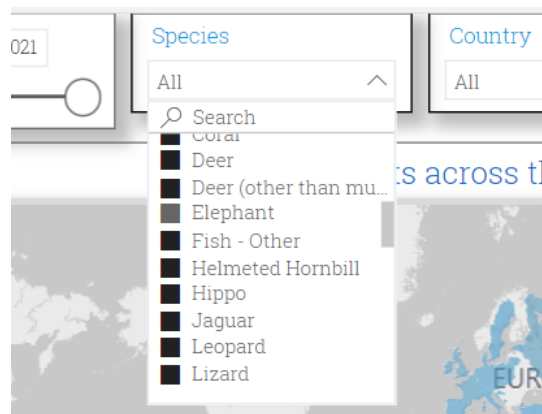
Hover over parts of the dashboard to reveal the 'tooltip' box containing details of the data displayed in the visualisation:

Incidents :



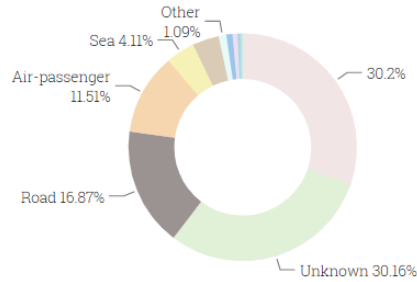
Use the filters at the top to select or deselect information for the dashboard to include.

TIP: To select multiple options, hold down CTRL on your keyboard while ticking the boxes:



Click on any of the categories of a visualisation to select it as a filter and see it update the rest of the dashboard:

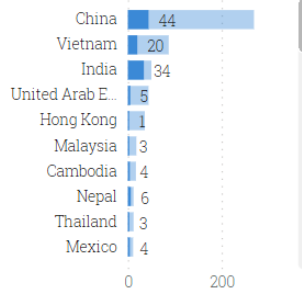
Transit type breakdown



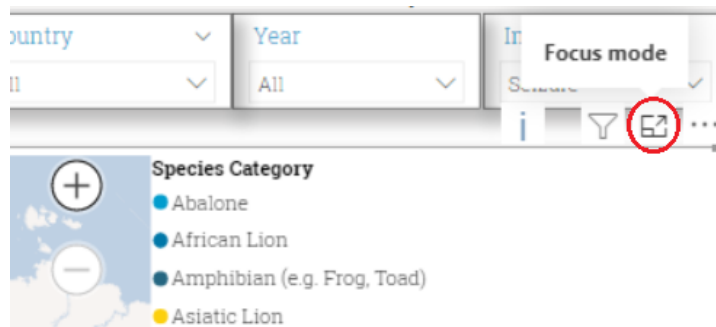
Outbound Country



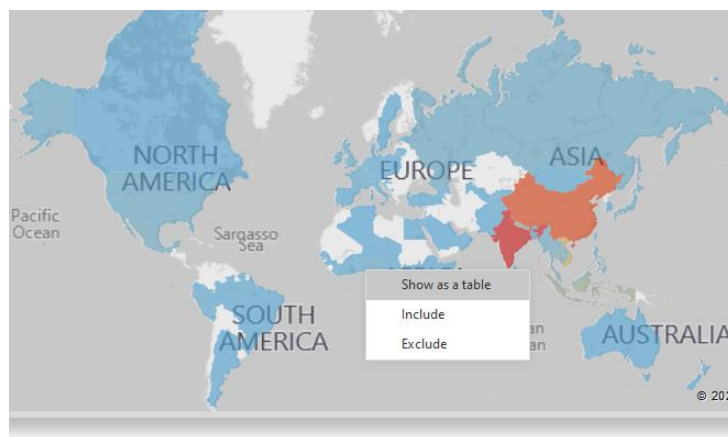
Destination Country



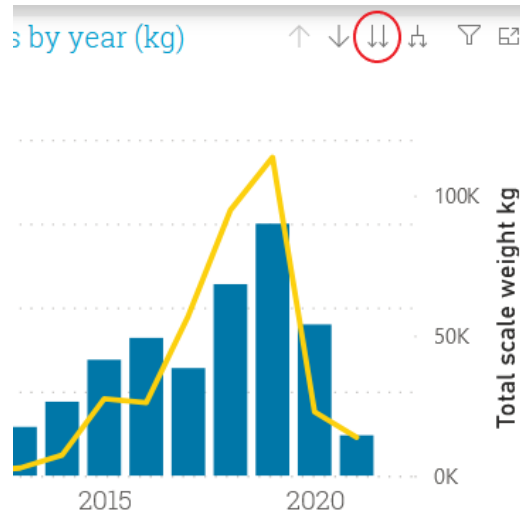
Hover over the visualisation with the mouse and select focus mode to expand the specific visualisation or map into full screen.



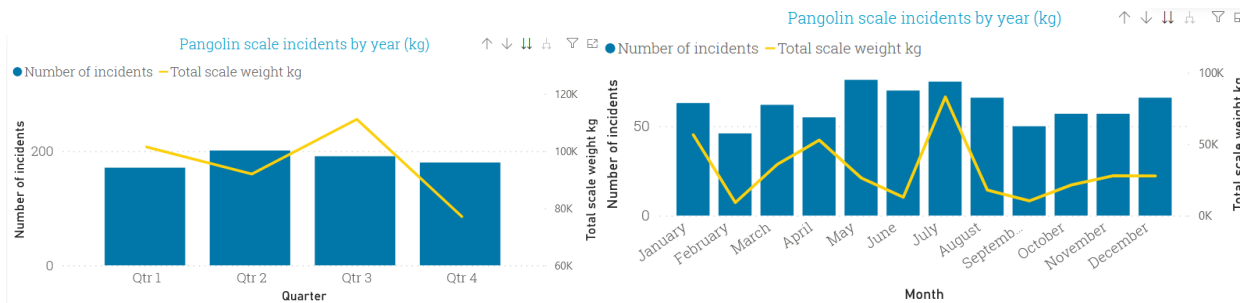
Right click on a visualisation and select show as table to display a summarised table at the bottom of the screen for the visualisation selected.



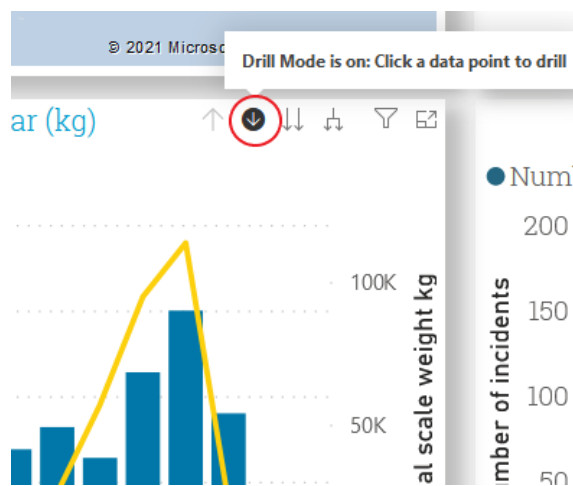
To drill-down further into date visualisation charts by quarter or month, select a year on the page filter, hover over the chart with the mouse and select the arrows in the top right corner.



This will then allow you to break down the data by quarter or month.



There is also an option to turn on drill-down and select a year to filter the rest of the page without using the year filter at the top. To do this, select the single drill-down arrow so it is highlighted in black.

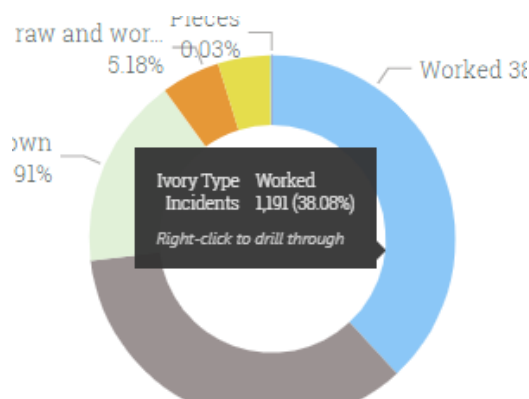


Click on the bar on the graph for any year to filter the dashboard to show only information for that year.

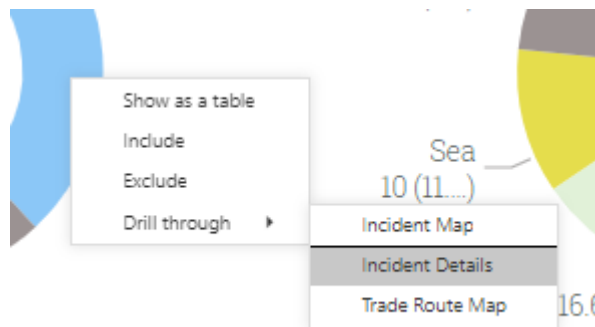
Viewing incident details/mapping incidents

When viewing the dashboard visualisations, there is an option to either map the incident/selection of incidents, view the full incident details or see the trade route for the incident.

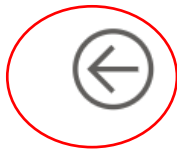
Hover over the data selection you would like to get further details on and you will see 'Right-click to drill through'.



Right-click on the selection and select the relevant option.



Use the back button on these pages to go back to the original dashboard:



Species Category

All

Incident Details

| ID | Date | Incident Name | Incident D |
|-------|---------------|-------------------------------------|---|
| 13874 | 26 March 2021 | Hangzhou, 0.26474 kg, 26 March 2021 | On 26 March passenger by The items w |
| 13831 | 24 March 2021 | Maoming, 0.0074 kg, 24 March 2021 | On 24 March parcel declar |
| 13833 | 23 March 2021 | Kunming, 0.0499 kg, 23 March 2021 | On 23 March |

This option can also be used to:

- Map individual incidents using latitude and longitude.
- See a map of locations involved in the trade route of incidents.

Details of dashboards

General EIA incident page:

This dashboard relates to wildlife and timber seizures only.

- o Incidents around the world – This visualises the number of incidents into a heat map per country. The tooltip shows number of incidents and the percentage of incidents in the data set selected.
- o Number of incidents by year – A line chart per EIA priority species showing the number of incidents recorded by year.
- o Search all – This allows any keyword to be searched across the dataset. See incident details by right-clicking on ‘Number of incidents’ in blue and selecting ‘Drill through’.
- o Number of incidents – This is the total number of incidents in the dataset selected.
- o Number of seizures – This is the total number of seizures in the dataset selected (as opposed to other incident types).
- o % Arrests made – This is the percentage of incidents where EIA has recorded that an arrest has been made.
- o % Convicted – This is the percentage of incidents where EIA has recorded a successful conviction.

Transport

This dashboard relates to wildlife and timber seizures only.

- o Concealment method word cloud – This analyses free-text descriptions of concealment methods. Words used more frequently appear bigger in the visualisation.

Click on a word to filter the rest of the dashboard. When filtered, right-click on the number of incidents in blue at the top and drill-through to see incident details.

- Transit type breakdown – A chart to show the percentage of transit type methods used for the incident selection.
- Seizure country – The number of seizures per country of seizure.
- Origin country – The number of seizures per country listed as the origin country of the seized item.
- Transit country – The number of seizures per country listed as transit locations for that seizure.
- Outbound country – The number of seizures per country listed as the outbound location of the seized item.
- Destination country – The number of seizures per country listed as the destination location of the seized item.

Pangolin

- Map – This visualises the total pangolin scale weight by country in a map. The larger circles represent larger amounts.
- Total scale weight by top country – This visualises the total scale weight by top country in a bar chart.
- Pangolin scale incidents by year – This visualises the number of pangolin incidents by year. The yellow line represents the total scale weight seized per year.
- Pangolin whole weight by year – This visualises the number of pangolin incidents per year. The blue line represents the total weight of whole pangolins seized (live, carcass, whole unknown state).
- Large-scale seizure filter – Selecting yes filters the dashboard to include only incidents where the total weight of seized scales is over 100kg. When the square is black the option is selected.

Where scales have been seized but no quantity stated, 0.1kg has been used as a standard weight.

Ivory

- Map – This visualises the total ivory weight by country in a map. The larger circles represent larger amounts.
- Number of ivory incidents this year – This figure represents the number of ivory incidents that have occurred since the beginning of the year (starting with the month of January).
- Estimated number of elephants killed this year – This figure estimates the number of elephants killed since the beginning of the year based on the weight of the ivory seized so far this year (starting with the month of January).
- Number of incidents and total weight by year – This visualises the number of ivory incidents per year. The yellow line represents the total weight of ivory seized per year.
- Count of transit method – A chart to show the percentage of transit type methods used for ivory incidents

- Incidents by ivory type – A chart to show the percentage of types of ivory seized.

Large-scale seizures are defined in this dataset as seizures of ivory that totals 500kg or more in a single incident.

We recognise that the weight of an elephant tusk varies widely depending on the species, geographic range, age and gender of the animal. It may not be appropriate therefore to use a fixed number to estimate the weight of tusks seized. In the next update of the platform, based on reliable scientific publications and feedback from experts, we will be using the range of 6.6kg to 10kg per elephant as the estimated weight of tusks seized.

Until then, the numbers displayed will be our previous estimation of 6.7kg of ivory per elephant, i.e. 3.35kg per tusk.

Total weight is calculated as the sum of the reported and estimated weight.

Asian big cats

These interactive dashboards are based on datasets compiled and derived from publicly reported seizures of tigers, leopards, snow leopards and clouded leopards (live or carcasses) and their parts and derivatives (including skins, bones, teeth, claws and products). Incidents from 2000 – present are included on this dashboard.

Formulas used to calculate the minimum number of animals seized per item:

- Minimum total whole animals: Sum of items categorised as skin, carcass, live, stuffed and whole unknown state.
- Bone: $\text{KG of bones seized} / 12$
- Claw: $\text{Number of claws seized} / 18$
- Teeth: $\text{Number of teeth (assuming canines) seized} / 4$

To avoid double counting, in instances where bones / teeth / claws / other body parts are seized separately from skins, when quoting minimum number of tigers in trade, EIA is referring to minimum whole animals as described above.

If an unknown quantity is seized, for bones, teeth, claws 0.1 will be entered into the reported weight field. For skins, live, carcass, skulls, stuffed, skeleton, whole unknown state, 1 will be entered into the quantity field. 'Unknown quantity' will be specified in the notes section.

- Min number of whole animals seized – This is calculated on the sum of big cats seized that are live, carcass, stuffed, whole unknown state and skins.
- Estimated number of cats seized per part – These figures represent the estimated number of whole cats that have been killed per body part seized.
- Map – This shows all individual Asian big cat incidents recorded by EIA.
- Asian big cats seized by country – Chart to show per country the percentage of Asian big cats seized. This is calculated on the sum of big cats seized that are live, carcass, stuffed and whole unknown state.
- Asian big cats incident trends – This shows the number of incidents recorded by EIA per year per big cat species.

- Proportion of tigers seized suspected to be from captive sources – This shows the percentage of tiger seizures that are believed to come from either wild sources or captive tiger facility sources.

The criteria used to determine if a tiger is suspected to come from a captive source is below:

- Tiger is seized from a facility (zoo, farm, circus, etc) or private premises
- Tiger is seized outside a facility, but intelligence indicates it was supplied from a facility
- Tiger is seized outside a facility, but intelligence links it with suspect individuals connected to a facility and/or known/strongly suspected to trade captive tigers
- DNA testing results show the tiger sub-species is not endemic to location, e.g. Siberian tigers seized in Thailand
- Number and form (live/dead/white coloration) of tigers recovered is vastly disproportionate to wild population availability in country, e.g. 8 live tigers seized in Laos, which has small wild tiger population.
- In the absence of viable wild tiger populations, specific location of seizure is a known hub for trade and/or transport of captive tigers (e.g. Cau Treo on Laos-Vietnam border)
- When circumstances fulfil one or more of the above criteria, additional criteria suggesting link to captive facilities include:
 - High quantity and diversity of species of live/carcasses intercepted together, e.g., five tigers, four leopards, three clouded leopards together;
 - Presence of frozen carcasses, indicating that the tiger has passed through or been sourced from facility and has been frozen for onward transport.

- Enter captive tiger facility trade map – Click on this link to see a map of facilities believed to be involved in the captive tiger trade.

India country totals – The Wildlife Protection Society of India has the most robust wildlife crime [database](#), established in 1994. When EIA is quoting a figure for the minimum number of whole [tigers](#) or [leopards](#) that have been seized across their range, the headline statistics from WPSI will be referred to for the data from India.

Rhino

Data has been collected from publicly available information but is not an exhaustive list and is likely to only represent a fraction of actual activity since 2006.

- Map – This visualises the total rhino horn weight by country in a map. The larger circles represent larger amounts.
- Transit type breakdown – A chart to show the percentage of transit type methods used for the incident selection.
- Rhino incidents by year – This chart shows the number of rhino horn incidents by year. The yellow line represents the total rhino horn weight seized per year.

- Table of seizure weights – This table details the sum of rhino horn seized per country, alongside the total number of incidents recorded per country.

Total Combined Rhino Horn Weight – the sum of the reported weight for rhino horn and rhino horn products and the estimated weights for whole horns when weight is not reported (using quantity of horn).

2.78 kg is used for the estimated weight of an African rhino horn and 0.96 kg for the estimated weight of an Asian rhino horn ([source here](#)).

When estimates cannot be made (e.g. when worked rhino horn products are seized but no weight is reported) 0.1 kg is recorded as the weight and unknown quantity entered into the species notes field.

Timber

The amount of timber seized can be calculated by using both weight (kg) and volume (m³). At the top of the dashboard there is an option to view the dashboard by volume or weight. Please note, some incidents are entered as weight only, or volume only. While there are also a large number where the amount seized is not known.

The data on timber seizures currently is focused on Southeast Asia, this reflects the geographical focus of EIA's forest campaign. However, it also includes notable seizures in other parts of the world that are particularly relevant to EIA's work.

- Number of incidents by year – This shows the number of timber incidents recorded in EIA's database each year. The yellow line represents the total weight of timber seized in these incidents by year. The bright blue line represents the total volume of timber seized in these incidents by year.
- HS Code – This represents the type of wood seized per HS code.
- Table of seizure quantities – This table details a sum of the timber species quantity seized and number of incidents by country. The quantity of timber is shown in quantity (when no weight provided), weight (kg), volume (m³) and hectare (ha), where forest has been cleared illegally. Please note: The seizure is only recorded in one quantity format and not converted into each.
- Timber weight and volume m³ by country – This chart shows the countries that have seized the highest quantity of timber. Change the chart from weight (kg) and volume (m³) by clicking the filter at the top of the page.

Totoaba

- Total totoaba weight seized (kg) – This is the minimum total reported weight of totoaba seized in all incidents recorded by EIA. When weight has not been reported then this hasn't been estimated and therefore isn't included in the total. This includes all totoaba seizures.
- Map – Locations of all totoaba incidents recorded by EIA globally. It is broken down by type of item which can be used to filter the rest of the dashboard.

- Top transit method types – The method used to transport the totoaba before being seized.
- Totoaba incidents by year – The number of totoaba incidents recorded by EIA each year. The yellow line shows the total weight (kg) of totoaba seized per year.
- Destination country – This chart shows the top countries listed as believed destination locations for each seizure of totoaba.

Refrigerant Gas

- Total volume seized (kg) – This is the total volume of gas seized. This includes estimated weights for those incidents where a volume is not reported but the number of cylinders is reported. Estimated weights are calculated by multiplying the number of cylinders with the following cylinder weights for gas types (when the gas type is unknown, 11.3kg is used for the calculation):

| | |
|----------|------|
| R-404A | 10.9 |
| R-407A | 11.3 |
| R-407C | 11.3 |
| R-410A | 11.3 |
| R-507 | 11.3 |
| R-134a | 13.6 |
| R-23 | 8 |
| R-32 | 10 |
| R-1234yf | 10 |
| R-22 | 13.6 |

- The above weights are also used to provide an estimate of cylinder numbers when weight of seizure and type of gas is provided.
- Estimated Total CO₂e of gas (tonnes) - This is the carbon dioxide equivalent emissions of the gases seized based on refrigerant types and kg amount of seizures. This number refers to the emissions potential of the use of these gases if leaked through lifetime and released at End of Life. The CO₂e equivalent figure is calculated with the equation $tCO_2e = (vol \text{ in kg}/1000) \times GWP$. GWPs used were from IPCC AR6. Where volume is unknown an estimated volume is used (see above.) Where the refrigerant is unknown a proxy GWP is used – the proxy GWP is the average GWP of the three most used HFCs (R-410A, R-404A, R-134a) for a GWP of 2838,
- Map – This shows all incidents of seizures of refrigerant gases.
- Gas categories – This is a pie chart of the breakdown of gas categories held within the database by the total volume seized. This is shown by total volume (kg) and percentage. Estimates have been included when no reported weight known.
- Types of gas seized – This chart shows a breakdown of gas types held within the database by the total volume seized. This is shown by total volume (kg) and percentage. Estimates have been included when no reported weight known. When a seizure

includes multiple refrigerants but the breakdown is unavailable, an equal amount of each refrigerant is assumed to have been seized.

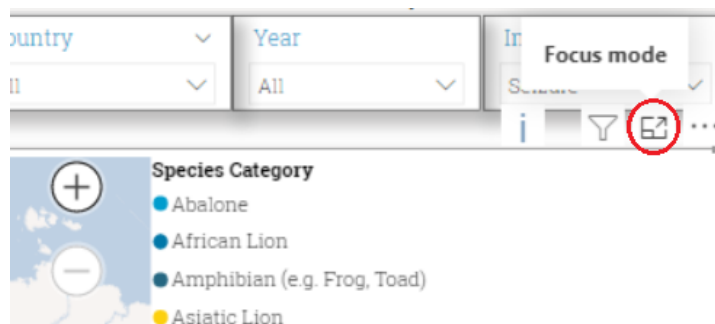
- Volume of gas seized by country – This chart shows the total volume of gas seized by each country. Estimates have been included when no reported weight known.
- Volume of gas by country exported – This chart shows the total volume of gas that has been reported to have been exported, by country. Estimates have been included when no reported weight known. The data used is based on the information reported by individual incidents.
- N.B. Unless otherwise stated, incident country refers to the country the gas was seized in. Route country refers to a country along the trade chain (Exporter, Destination etc).

Incident Map

This maps all the incidents using the latitude and longitude of the location field. Please note: The map will only display a maximum of 3500 incidents at a time and it is recommended that at least one filter is applied before using the map. The filters are found on the top and left-hand side of the page.

If multiple species or types of gas are seized at the same location then the data point will be divided into the different colours.

Use the focus mode option to expand the map to full-screen.



Trade Route Map

This maps the trade route linked to the incident. The route type is categorised as:

- Origin – Where the species/item is known to have originated from.
- Outbound – The location the species/item was being sent to.
- Transit – The location of any countries that the item passed through in transit.
- Destination – The location of the believed final destination that the item was being trafficked to.
- Other seizure location – Additional incident locations if an incident occurred at more than one location.
- For refrigerant gases a further categorisation is used: Exporter – The location the item was being sent from.
- For refrigerant gases, transit method is also displayed on this dashboard.

Prosecutions

This page presents the wildlife prosecution data that has so far been recorded in the crime tracker. This dashboard has been created as part of EIA's Crime Tracker Project which has been funded by the UK Government (DEFRA) through the Illegal Wildlife Trade Challenge Fund. The target countries for this project are Nigeria, Malaysia and Vietnam. Therefore, only prosecution data related to these jurisdictions have been released so far; we hope to release prosecution data related to more jurisdictions in the near future.

Please note that any analysis on this dashboard only includes data from prosecutions that EIA staff have recorded into the Crime Tracker from open and accessible sources of information. The analysis may therefore not represent the full picture of prosecutions, but what is known from the recorded and accessible data.

- Percentage – this shows the percentage of incidents within the selected criteria that have recorded prosecution outcomes. Please note that it does not represent the percentage of prosecution outcomes from all seizure incidents within the named jurisdictions, but only of those incidents recorded in EIA's database.
- Highest sentence and fine – this shows the highest imprisonment sentence and fine recorded in the database within the selected criteria. It also shows what species category is linked to this outcome.
- Incident map – this map shows the judiciaries where EIA has recorded data (at the moment this is limited to Nigeria, Malaysia and Vietnam due to funding criteria as stated above). The size of the circle corresponds to the number of recorded prosecutions.
- Ribbon graph – this graph shows the number of known wildlife crime prosecutions per year for the chosen criteria. On the graph, the species are sorted in a descending order, with the most frequent species recorded at the top for every year.
- Most seized category – this chart shows the most seized category within the selected criteria. The chart further breaks down the number of each enforcement action (arrested, charged, convicted) related to the most seized species category that is displayed in the middle. The red highlighted section of the chart will always show the number of convictions that have been recorded in the database.
- Category of charges – Each charge recorded in the database with specific legislations has been allocated a charge category. This bar chart shows the frequency of charge categories that have been allocated within the selected criteria, with the most frequent charge category occurring at the top. The visualisation has been limited to the top five charge categories.

Illegal Plastic Waste Trade

This dashboard visualises incidents relating to the illegal plastics waste trade. It consists of three pages, which include Analysis, Trade routes and Incident details. The Analysis page is made up of five visuals, with filters at the top that are applied to all visuals on the entire page. There are also some headline statistics which include the Total weight of plastic waste seized (kg) and the Total number of incidents; these readjust depending on

what filters are applied. Sections of the actual visualisations can also be selected to apply filters to the overall page. The visualisations on the Analysis page are as follows:

- Map of trade route of recorded incidents – this trade route map shows the recorded trade routes of illegal shipments of plastic waste. Route types include Origin, Transit, Seizure Location and Destination. To find out more about a specific point on the map, hover over it on the map to bring up a tooltip which provides more information about the incident that the specific point is linked to.
- Reasons for illegality – this pie chart shows the wider reasons for illegality that have been applied to each incident. These categories include Concealment, Misdeclaration, Mismanagement and Unknown. The figures on this pie chart shows the number of incidents that each category has been applied to, as well as the percentage. Sometimes the number and percentage might exceed the total number of incidents as highlighted at the top of the page, this is because multiple reasons of illegality can be applied to one incident.
- Sub-reasons for illegality – this pie chart shows the sub reasons of illegality that have been applied to each incident, and relates to the wider reasons of illegality as mentioned in the previous bullet point. The figures on this pie chart shows the number of incidents that each category has been applied to, as well as the percentage. Sometimes the number and percentage might exceed the total number of incidents or reasons for illegality, this is because multiple sub reasons of illegality can be applied to one reason for illegality or one incident.
- Total number of incidents recorded per country – this bar chart shows the total number of illegal plastic waste trade incidents that have been recorded per country. This bar chart has been ordered so that it shows the country with most recorded incidents at the top, and can be used to filter on the rest of the page by clicking on one of the bars.
- Total weight of plastic waste seized per country – this bar chart shows the total weight of plastic waste seized per country. All weights have been converted and recorded in kilograms for standardisation. This bar chart has been ordered so that it shows the country with most seized plastic waste at the top, and can be used to filter on the rest of the page by clicking on one of the bars.

The visualisations on the Trade routes page are as follows:

- Map of trade route of recorded incidents – this is the same trade route map as the one on the Analysis page, but with more space to view the trade routes as well as more options to filter the map at the top of the page.
- Total number of incidents per port – this bar chart shows the different ports that have been mentioned in the recorded incidents. The bar chart also shows the route type of each port, which shows its location role in the incidents. One port might have multiple route types as it plays multiple roles in an incident (for example, a port might be the seizure location as well as a transit location), so the numbers on

this visual is not indicate to the total number of incidents, but rather the number of incidents the role played the indicated role.

- o Trade route details – this is a table that shows more details of the trade route for each incident. This raw data can be made available upon request as detailed below.

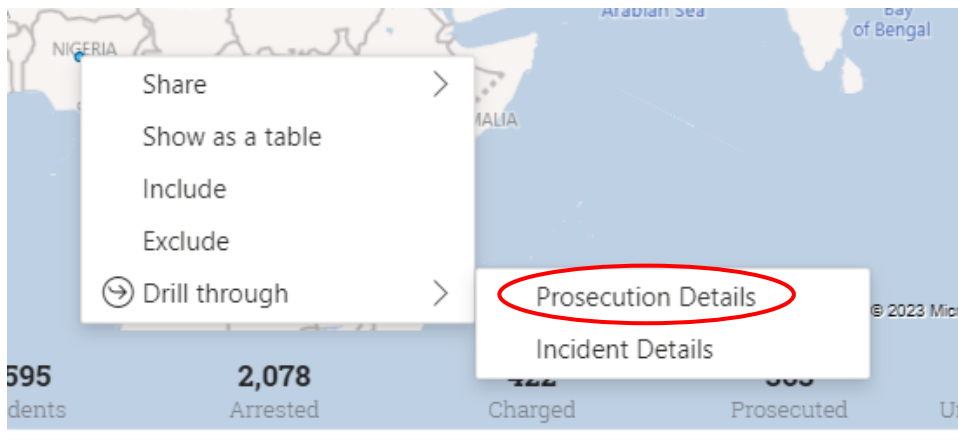
The Incident details page consists of one main table. This page provides a small window into how the raw data is structured. Although data cannot be directly download from the dashboard, it can be requested by emailing wastetrade@eia-international.org. This email can also be used to contribute and feed any data into this tracker.

Incident Details

This page shows details of the individual incidents selected on 'drill through'. The database presents the data per item seized, therefore if multiple items are seized in one incident the data is displayed on multiple lines. The ID number in the first column can be used to link the rows together.

Prosecution Details

This page shows details of the individual prosecution cases selected on "drill through". To do this, right click on any part of the visualisations on the dashboard, and select "Prosecution Details".



The database presents data per charge per perpetrator, therefore if there are multiple charges applied to one perpetrator or more in one incident, the data is displayed on multiple lines, The ID on the first column can be used to link the rows together, and the Perpetrator ID can be used to differentiate between the perpetrators (nominal data is not available through the prosecution details page). Prosecution data can be requested in an excel format by creating an enquiry [here](#).

Glossary of field names

ID – The unique ID number given to the seizure incident in the database.

Date – The date that the incident was believed to have taken place. If no date is specified in the source, the date of report is used.

Estimated start date – When no date is specified in the source, an estimated start date is entered which is 2 weeks prior to the source report date.

Estimated end date – When no date is specified in the source, the source report date is entered.

Incident name – This describes the incident location, details of what was seized and date.

Incident Description – This is typically the text taken from the original source document. Some descriptions may have been summarised.

Incident type – There are five incident types included in the database:

- *Seizure*: When a single seizure has taken place on a single day.
- *Seizure summary*: When the source provides a summary of seizures but no individual incidents. i.e. a country has reported total number of wildlife seized over a number of months. (NB: It is possible that some individual incidents have also been recorded and there is duplication of quantities when including both seizures and seizure summary incidents.)
Poaching: These illegal killing incidents are recorded when it is believed that the animal was killed for trade. We would exclude poaching incidents from these datasets where there was information to indicate that it was a conflict killing or as a consequence of indiscriminate poaching methods targeting bushmeat, and where the information indicates there was not an intention to trade body parts.
- *Other*: Miscellaneous incidents. For example, when equipment has been seized but no species, or when there has been a significant prosecution reported in the media but no exact details of the offence they were originally arrested for.
- *Theft*: These represent thefts from wildlife stockpiles.

Village or Province – Location of the incident when it has occurred in a smaller location than a town or city.

Airport-Port – The name of the airport or port where the incident took place.

Country – The location of the incident. If more than one seizure location is reported then this is entered under Trade Route Country as 'Additional seizure location'. In evaluating enforcement and prosecutions Hong Kong, Macau and Taiwan are registered separately using ISO country names, as these regions have different enforcement units and legal frameworks from the rest of China.

Species category – The primary category of species seized.

Species item – Type of item seized.

Type of ivory or horn – An additional category for ivory and rhino horn. Categories are: Raw, Worked, Mixed – raw and worked, Pieces, Unknown

Species qty – The number of items seized. This may be provided instead of a reported weight.

Total weight – The combined estimated weight of the items seized based on either the reported weight or the estimated weight of the item (where applicable).

Species description – This is a free-text field which provides further detail of the species seized.

Timber species – Where timber has been seized, this field details the species.

Hectare Ha – In some instances the quantity of timber seized is provided in hectares which will be detailed here.

Volume m3 – In some instances the quantity of timber seized is provided in m3 which will be detailed here.

Gas Category – The general category of the gas seized. If unknown it will be stated here.

Type of Gas – The exact type of gas seized. If unknown it will be stated here.

Cylinder type – This refers to either 'disposable', 'refillable' or 'unknown'.

Number of cylinders – The reported number of cylinders seized. This does not include empty cylinders.

Reported volume – This is the volume reported directly from the source in kg.

Estimated volume – This is an estimated volume of the seized gas if not directly stated in the source. See above 'Refrigerant Gas' section for further detail.

Gas combined volume – This is a sum of the reported and estimated gas volume in kg.

Additional description – This provides a more detailed description of the seized gas cylinders.

Notes – This field includes any additional notes on the seized item. If the quantity of items seized is unknown it will be detailed here.

Transit method – When items have been seized in transit, the method of transportation is listed here.

Concealment method – This is a free-text field describing whether the items were concealed when found. Use the word cloud on the Transport dashboard to analyse this information.

Route type – This details whether an additional location is linked to the incident and the type: Origin, Outbound, Transit, Destination, Exporter. Other seizure location.

Route country – This field contains the name of the country that the route type relates to.

Arrests made – If arrests have been reported linked to the incident then 'Yes' will be entered here, 'No' will be entered if no arrests have been made, or 'Unknown' if it is unclear whether any arrests have been made.

Number of perpetrators arrested – This is the total number of reported arrests linked to the incident.

Number of perpetrators charged – This is the total number of recorded perpetrators reported to have been charged with a criminal offence.

Number of prosecution outcomes – This is the total number of reported prosecution outcomes linked to the incident. N.B. As is detailed in the introduction, EIA recognises that we do not have the resources to find and record all conviction outcomes reported publicly. Where possible, we exchange data with other organisations to peer-review our data collection and identify missed conviction outcomes.

Harvard reference – This contains the source of the information for the incident, written in Harvard style.

Agency contributor – If another agency or partner organisation has provided us with the incident details and wishes to be acknowledged for specific incidents, it will be recorded in this field. Agency contributors are otherwise acknowledged as per the list on the Tracker homepage.

Category of Charges – All recorded prosecution outcomes that specify the legislation used to charge the perpetrator has been allocated an EIA charge category based on the description of the incident and legislations. The charge categories are as follows:

- Corruption
- Money Laundering
- Other Financial Crime
- Illegal Harvest
- Hunting/Poaching
- Illegal Transportation/Trafficking
- Illegal Trade
- Falsified Documentation
- Incomplete Documentation
- Unlawful Possession of Protected Species
- Unlawful Consumption
- Captive Breeding
- Drug Related Offense
- Weapon Related Offense
- Mistreatment of Animals
- Theft/Embezzlement
- Unspecified