

# Standard Energy Efficiency Data Platform™



U.S. DEPARTMENT OF  
**ENERGY**

Energy Efficiency &  
Renewable Energy



## SEED PLATFORM™ 2.19.0 Release Notes

August 2023

# Overview: New Features

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## GENERAL

- **Terms of Service:** Terms of Service have been added to the About page

## DATA

- **Multiple Cycle Upload:** it is now possible to import files across cycles

## INVENTORY

- **UBID support:** Multiple UBIDs can now be added to a property
- **Geocoding Fields:** New fields relating to geocoding have been added

The full release history can be found on the SEED Github Repository

<https://github.com/SEED-platform/seed/releases/tag/v2.19.0>

# Overview: Updates

## INSIGHTS

- **Default Reports:**
  - The reports that used be accessed from the Inventory List view are now in Insights
  - The export from those reports now includes the matching fields
- **Program Overview:**
  - Clicking on a Program Overview column goes to Property Insights graphs
  - Percentages are displayed for Compliant and Non-Compliant sections of the graphs

## SALESFORCE

- **Scheduled Daily Update:** The “Sync Salesforce” button that used to be there has been removed because of timeout issues



# New Feature: About: Terms of Service

The About screen now has a link to “Terms of Service”

## About SEED Platform™

The Standard Energy Efficiency Data (SEED)™ Platform is a software application that helps organizations easily manage data on the energy performance of large groups of buildings. Users can combine data from multiple sources, clean and validate it, and share the information with others. The software application provides an easy, flexible, and cost-effective method to improve the quality and availability of data to help demonstrate the economic and environmental benefits of energy efficiency, to implement programs, and to target investment activity.

Map features are provided by [OpenStreetMap](#)

[More details](#)

[View Terms of Service](#)

### DOE Standard Energy Efficiency Data Platform | NREL Data Terms

You, and your company or organization (the PROVIDER) have agreed to upload and provide PROPRIETARY DATA, including energy efficiency data, building data, and building energy performance data to the Standard Energy Efficiency Data (SEED™) Platform database that the U.S. Department of Energy (the Government) and Alliance for Sustainable Energy, LLC (“Alliance”) the manager and operator of the National Renewable Energy Laboratory (“NREL”) (the RECIPIENT) have created and provide for use for registered users.

PROPRIETARY DATA is defined as follows:

(a) information that embody trade secrets or commercial or financial information that is confidential and privileged; (b) information that is confidential and privileged and developed at private expense (i.e., not with Federal funds); (c) information that is not customarily released to the public; and/or (d) information whose disclosure to the public could result in financial harm to the PROVIDER, to owners of buildings whose information is contained in the PROPRIETARY DATA, or to other stakeholders.

In order to upload PROPRIETARY DATA, you will be required to create an account and provide the RECIPIENT with a username, password, and email address. You are solely responsible for maintaining the confidentiality of the password and username you provided during the registration process and are fully responsible for all activities that occur under your password or account.



# New Feature: Data Import: Multiple Cycle Upload (1/2)

The Data Import dialog box now has an option for importing data across multiple cycles

- **Year Ending:** SEED uses the Year Ending field to determine the cycle that the record belongs to
  - If any record does not have a Year Ending field, SEED will automatically assign it to the “Default Cycle” specified in the data import dialog box
- **Cycles:** Cycles for the Year Ending definitions need to be predefined

## Example spreadsheet to be imported

These are all the same building, but will be put into different cycles based on Year Ending

This is a different building, and will be imported into the **Default Cycle**

	Property Id	Property Name	Year Ending
1			
2	2045373	Better Building	1/1/2021
3	2045373	Better Building	12/31/2020
4	2045373	Better Building	12/31/2019
5	2045373	Better Building	12/31/2018
6	2045374	Better Building	

## Year Ending field:

The dates for each record determine the cycle the record is imported into.

The record without data in the Year Ending field will be imported into the Default Cycle

**Step 1:** Make sure all the needed cycles are defined in Organizations / Cycles

Existing Cycles		
NAME	FROM DATE	TO DATE
2018 Calendar Year	2018-01-01	2018-12-31
2019 Calendar Year	2019-01-01	2019-12-31
2020 Calendar Year	2020-01-01	2020-12-31
2021 Calendar Year	2021-01-01	2022-01-01
2022 Calendar Year	2022-01-01	2023-01-01

## Uploading your data.

Property and Tax Lot Data

Meter Data

Default Cycle

2021 Calendar Year

Manage available cycles.

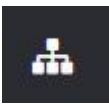
☒ Multiple Cycle Upload

When checked, properties/taxlots will be matched to existing cycles based on the 'year\_ending' column or the default cycle if there is no match.

**Step 4:** Specify the cycle for records without data in the Year Ending field.

**Step 3:** Cycle becomes “Default Cycle”

**Step 2:** Check the “Multiple Cycle Upload” box



## New Feature: Data Import: Multiple Cycle Upload (2/2)

Once the data is imported, **Cross Cycles** will show how the records were assigned to different cycles

- **Property ID 2045373:** Based on the Year Ending field, there is one record for this building in all four cycles
- **Property ID 2045374:** This record did not have data in the Year Ending field so it was imported into the **Default Cycle** of **2021 Calendar Year**

Cycle: Selected (4) ▾

Matching columns given higher sort priority\*

View by Property

View by Tax Lot

	Cycle ▾	Cycle Start ▲ <sub>2</sub> ▾	PM Property ID* ▾	Year Ending
▮				
▮	total cycles: 4		2045373	
▮	2018 Calendar Year	2018-01-01	2045373	2018-12-31
▮	2019 Calendar Year	2019-01-01	2045373	2019-12-31
▮	2020 Calendar Year	2020-01-01	2045373	2020-12-31
▮	2021 Calendar Year	2021-01-01	2045373	2021-01-01
▮	total cycles: 1		2045374	
▮	2021 Calendar Year	2021-01-01	2045374	




















This property has records in each cycle

The **2021 Calendar Year** cycle has a record for both properties

Cycle: 2021 Calendar Year

View by Property

View by Tax Lot

							PM Property ID 	Year Ending 
							2045374	
							2045373	2021-01-01

This property is only assigned to the default **2021 Calendar Year** cycle



# New Feature: Inventory: UBID Support (1/3)

It is now possible to have multiple UBIDs defined for a property, and to select the one that most accurately represents the building footprint

In the Property Detail screen, click the UBIDs link to view the UBID screen

The screenshot shows the 'Property Detail' screen for '601 Lexington Ave'. The 'UBIDs' tab is selected and highlighted with a red box. A red arrow points from this tab to the 'Create UBID' button. Below the tab, there is a table with columns 'UBID', 'PREFERRED', and 'ACTIONS'. The table is currently empty, displaying 'No UBIDs For Property'.

**Step 1:** To add a UBID to the property, click the **Create UBID** button

The screenshot shows the 'Create UBID' screen. The 'UBID' input field contains the text '849VWM3W+XR7-5-6-5-5'. A red arrow points from the input field to the 'Preferred' button. Below the input field, there are 'Close' and 'Create' buttons.

**Step 2:** Enter the UBID

**Step 3:** Click the Preferred button

**Step 4:** Click the Create button



# New Feature: Inventory: UBID Support (2/3)

The UBID marked as “Preferred” will be displayed with the SEED map as an underlay

Property : 601 Lexington Ave

UBID Centroid

UBID Bounding Box

Create UBID

UBID	PREFERRED	ACTIONS
849VWM3W+XR7-5-6-5-5	Preferred	<div>Edit UBIDs</div> <div>Delete UBIDs</div>
849VWM3W+XRM-6-7-5-5		<div>Edit UBIDs</div> <div>Delete UBIDs</div>

Up to three UBIDs can be entered



# New Feature: Inventory: UBID Support (3/3)

The UBID centroid and bounding box for the “Preferred” UBID will also be displayed in the Inventory List Map view

**Properties**

Properties List Properties List (legacy) Column List Profiles Cross-Cycles **Map** Data Summary (Beta)

Actions ▾ Filter by label: Add a label AND OR EXCLUDE Clear Labels

Cycle: LatLong Testing ▾

View by Property View by Tax Lot 9 properties

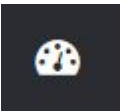
☐ Hexagonal Bins ☒ Building Points ☒ Property UBIDs ☒ Property UBID Centroids ☐ Taxlot UBIDs ☐ Taxlot UBID Centroids



If a property is geocoded, new Geocoding fields are now added to the Property

View by Property						View by Tax Lot								1-9		<	>
+	✓						Geocoded Address	Geocoded City	Geocoded Country	Geocoded County	Geocoded Neighborho...	Geocoded Postal Code	Geocoded Side of Street	Geocoded State			
	✓	h	g	g	i		3115 Yosemite Ave	El Cerrito	US	Contra Costa		94530-3453	L	CA			
	✓	h	g	g	i		400 Colusa Ave	El Cerrito	US	Contra Costa	Fourth Street	94530-3327	R	CA			
	✓	h	g	g	i		11157 San Pablo Ave	El Cerrito	US	Contra Costa		94530-2130	L	CA			
	✓	h	g	g	i		9889 San Pablo Ave	El Cerrito	US	Contra Costa		94530-3922	L	CA			
	✓	h	g	g	i		10579 San Pablo Ave	El Cerrito	US	Contra Costa	Richmond Annex	94530-2808	L	CA			
	✓	h	g	g	i		601 Lexington Ave	El Cerrito	US	Contra Costa		94530-3128	R	CA			
	✓	h	g	g	i		6501 Fairmount Ave	El Cerrito	US	Contra Costa		94530-3607	R	CA			
	✓	h	g	g	i		1715 Elm St	El Cerrito	US	Contra Costa		94530-1908	L	CA			
	✓	h	g	g	i		101 Colusa Ave	El Cerrito	US	Contra Costa		94530-4118	L	CA			

- |                         |
|-------------------------|
| Geocoded Address        |
| Geocoded City           |
| Geocoded Country        |
| Geocoded County         |
| Geocoded Neighborhood   |
| Geocoded Postal Code    |
| Geocoded Side of Street |
| Geocoded State          |



# Update: Insights: Default Reports: Moved to Insights

These reports were formerly under the Inventory page, now they are in the Insights section

## Default Reports

[Program Overview](#)[Property Insights](#)[Default Reports](#)[Custom Reports](#)

2019 Compliance Year ▾

Until last date of:

2021 Compliance Year ▾

X Axis:

Gross Floor Area (ft<sup>2</sup>) ▾

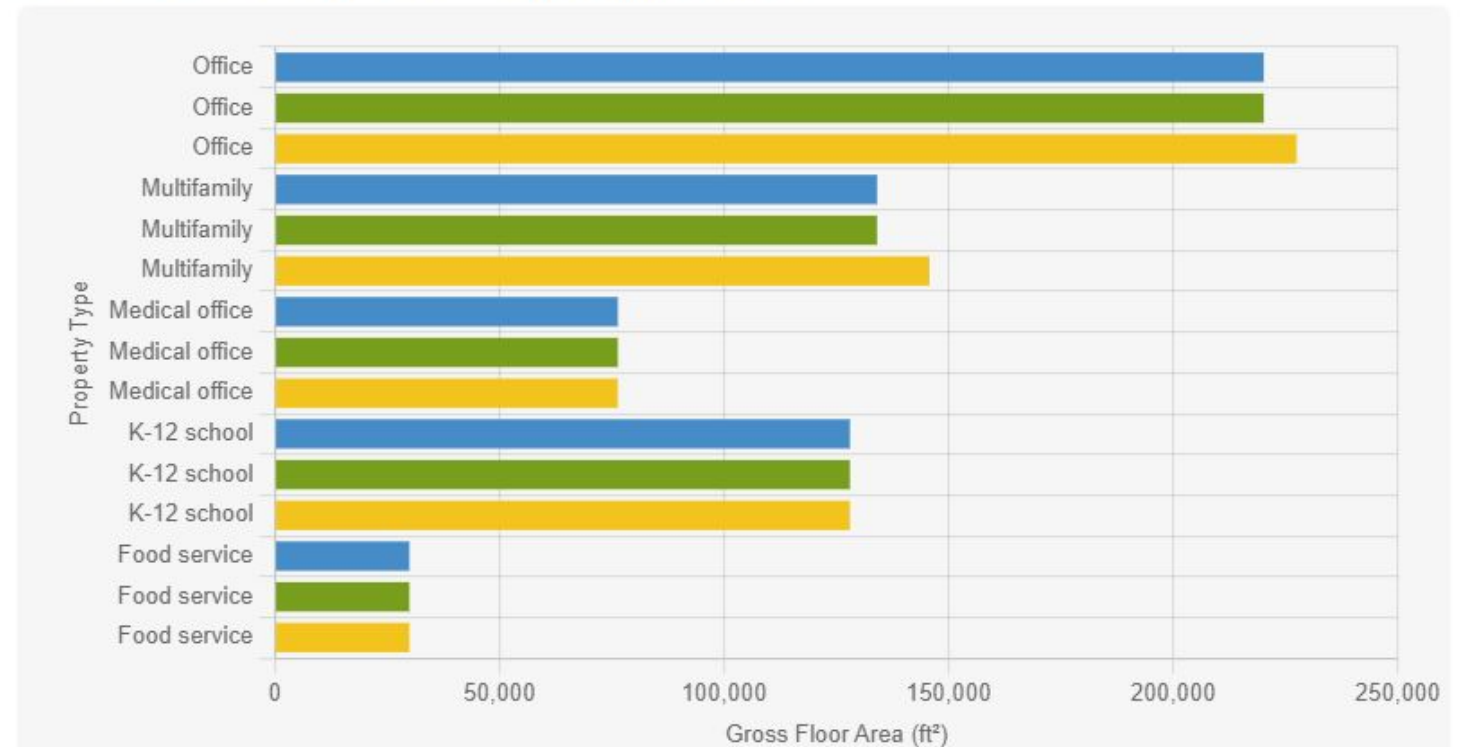
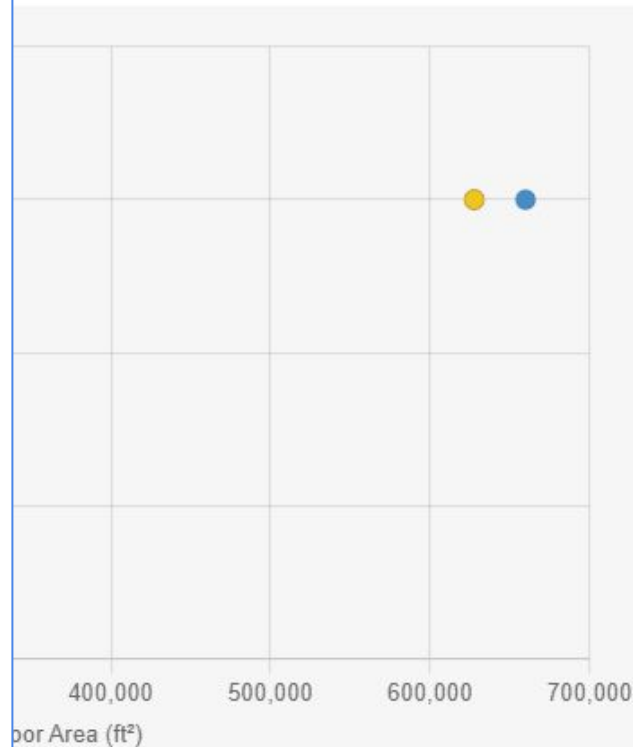
Y Axis:

Property Type ▾

Update Charts

Export Chart Data

Gross Floor Area (ft<sup>2</sup>) vs. Property Type (Aggregated)



# Update: Insights: Default Report: Export

The matching field(s) have been added to the Default Report export

**Default Reports**

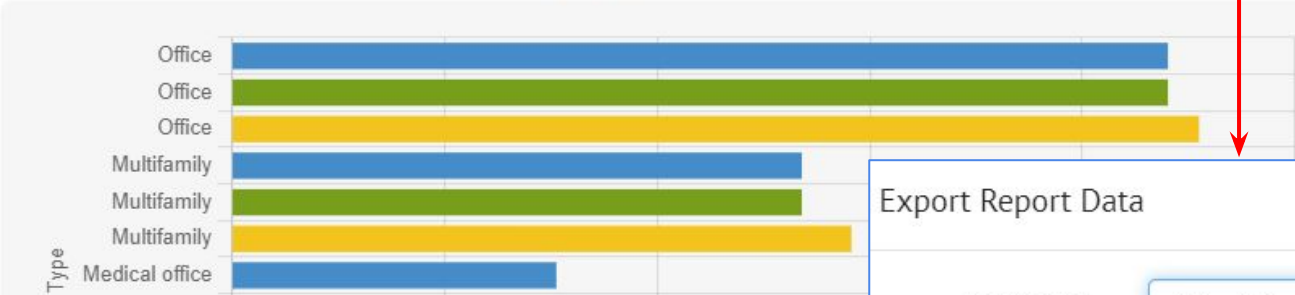
Program Overview

Property Insights

Default Reports

Custom Reports

Gross Floor Area (ft<sup>2</sup>) vs. Property Type (Aggregated)



Export Chart Data

Export Report Data

Export Name

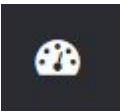
Default Report Export

Export

Cancel

The exported file now includes the matching fields

	A	B	C	D	E	F	G
1	Address Line 1	Custom ID 1	PM Property ID	UBID	Gross Floor Area (ft <sup>2</sup> ) (ft <sup>2</sup> )	Property Type	Year Ending
2	106 IRVING ST NW		22178843		76319	Medical Office	2019
3	1801 PENNSYLVANIA AVE NW		22178844		220131	Office	2019
4	300 E ST SW		22178845		659773	Office	2019
5	1740 MASSACHUSETTS AVE NW		22178846		58717	Office	2019
6	2700 CONNECTICUT AVENUE NW		22482006		83580	Multifamily	2019
7	3303 WATER ST NW		22178848		134036	Multifamily	2019
8	1428 H ST NW		22178849		230129	Multifamily	2019
9	635 NORTH CAROLINA AVENUE SE		22178850		29906	Food Service	2019
10	2425 N STREET NW		22482007		127991	K-12 School	2019
11	106 IRVING ST NW		22178843		76319	Medical Office	2020
12	1801 PENNSYLVANIA AVE NW		22178844		220131	Office	2020



# Update: Insights: Program Overview to Property Insights

Click a column in Program Overview graph to see the properties associated with that graph

Insights

Program OverviewProperty InsightsDefault ReportsCustom Reports

Program Overview

Need to configure your Program?  
[Program Configuration page.](#)

Program  
EUI Comparison

Export

Chart Legend

Compliant

Not Compliant

Unknown

EUI Comparison: 2019 Compliance Year - 2023 Compliance Year

2019 Compliance Year

2023 Compliance Year

2019 Compliance 66.67%

Property Insights

Need to configure your Program?  
[Program Configuration page.](#)

Chart Legend

Click a series to show/hide on the chart

Compliant

Not Compliant

Unknown

Distance to Target

Program  
EUI Comparison

Cycle  
2019 Compliance

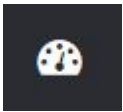
Property Insights

Program OverviewProperty InsightsDefault ReportsCustom Reports

Weather Normalized Site EUI

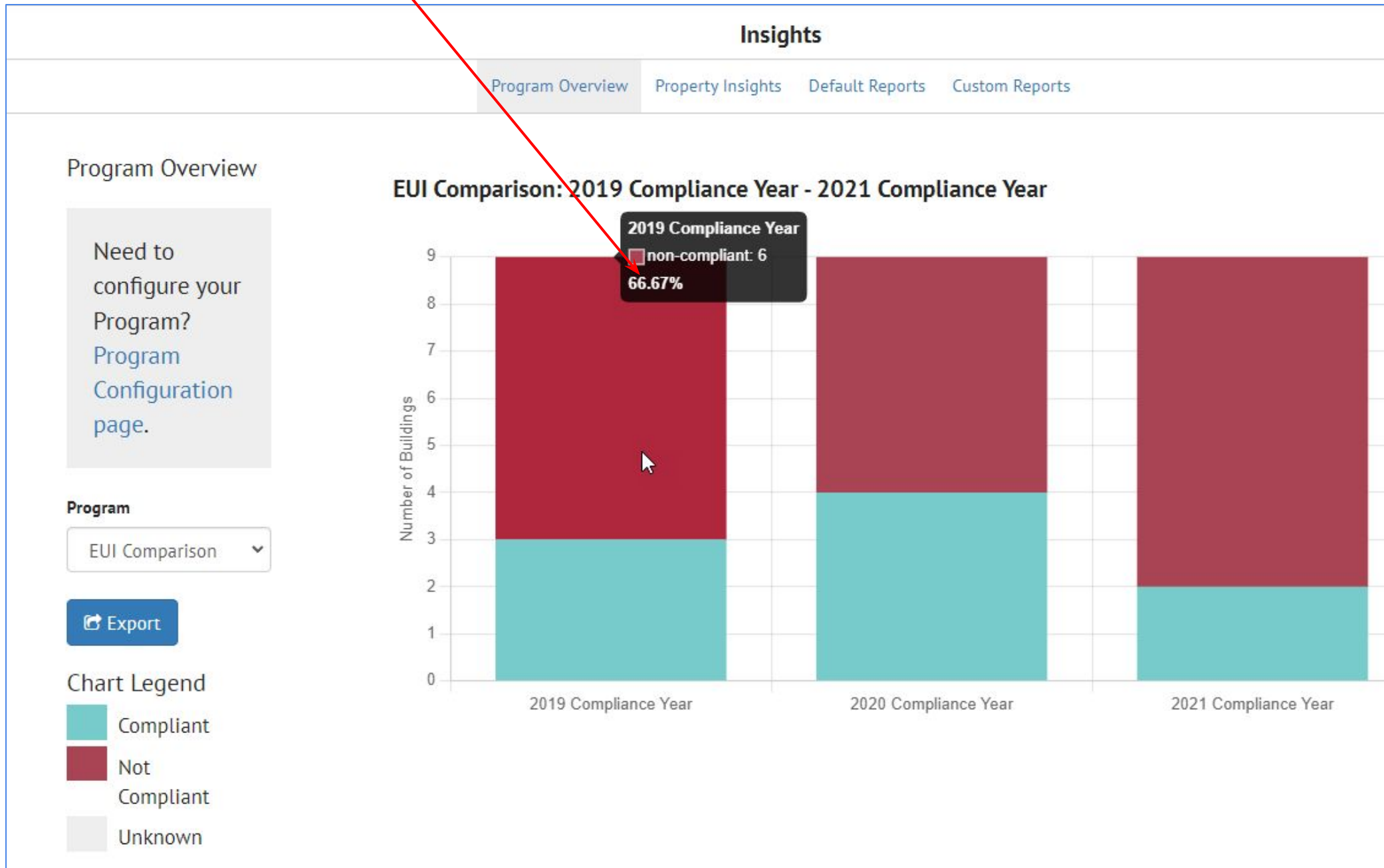
Gross Floor Area

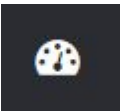
	2019 COMPLIANCE YEAR
Compliant	3
Non-Compliant	6
Unknown	0



# Update: Insights: Program Overview: Percentages added

A percentage has been added the Compliant and Not Compliant sections of the Program Overview graphs





# Update: Insights: Property Insights: X & Y columns added

A column for the X and Y axis have been added in the table below the graph that lists all the properties





# Update: Salesforce: Sync Salesforce button is removed

In the Scheduled Daily Update section of the Salesforce settings, the “Sync Salesforce” button has been removed due to timeout problems

## ⌚ Scheduled Daily Update

If you would like to automatically update Salesforce on a daily basis, configure the fields below

**Hour** Enter the hour when the update should be run daily (0-23) Timezone: America/Los\_Angeles

**Minute** Enter the minute after the hour when the update should be run daily (0-59)

**Logging Email** Enter the e-mail address to use when reporting errors during the Salesforce updating process

**Last Salesforce Update**

Reset

The **Sync Salesforce** button  
has been removed