



SIMAP DATA REVIEW REPORT

11.10.2021

INSTITUTION NAME	DATE OF DATA REVIEW CALL	TYPE OF DATA REVIEW
Weber State University	11/4/21	First data review

Thank you for completing a Data Review with the SIMAP team! Below, please find our recommendations for next steps to finalize your carbon and nitrogen footprint calculations. Once you have addressed these items, please confirm by email to simap@unh.edu. Once we agree that your inventory is finalized, we will check the box on the status page in SIMAP indicating the review is complete for the applicable years. In the Appendix, you can see the full list of items we assessed as part of your Data Review.

General comments:

All of our recommendations below are best practices to improve the completeness and accuracy of your inventory. However, we did not identify any critical updates, which means that your inventory was already in very good shape!

CATEGORY	RECOMMENDATION
Method	We recommend updating the climate zone to 5 or 6 based on the IECC Climate Zone Map Found Here: https://basc.pnnl.gov/images/iecc-climate-zone-map .
Stationary Fuels	We recommend including a note in this section that the heating plant uses natural gas, but switches to distillate oil occasionally and for 2021, a boiler is being decommissioned. We recommend including a note that the Solar RMPRECS entry is an on-site installation where an external organization owns the RECs.
Transport Fuels	Two entries in this category were labelled "Gasoline Fleet 2019". We suggest correcting the label for one of these to ensure accurate record keeping. We suggest including a note that in recent years, bus transport around campus has been outsourced to the Utah Transport Authority meaning less bus travel was provided by the university. We recommend including a note that in 2009 the shuttle buses were transitioning from diesel over to CNG.
Fertilizer	We recommend backfilling fertilizer data. We suggest using the first available year that you are confident in, and backfilling that data to your base year.

CATEGORY	RECOMMENDATION
Refrigerants & Chemicals	We recommend including a note that the spike in “Other: R-410a (2020)” was due to a refrigerant leak when a system was being transitioned over.
Scope 2 Emission Factor Guidance	You can update your scope 2 electricity factor to a custom factor on the utility emission factors page. Here are two links with the most recent eGrid factors (https://unhsimap.org/cmap/resources/electricity2019), to be added to the next version of SIMAP emission factors) and guidance on custom supplier-specific emissions factors (https://unhsimap.org/cmap/resources/supplier-specific-ef)
Commuting	<p>We recommend adding a note that most of the students attending Weber State University commute to campus by car and only a small number of students live on campus.</p> <p>We recommend including a note that annual travel is a weighted across the summer and fall and FTE students in the Commuting category account for fall, spring, and summer semesters.</p>
Business Travel & Study Abroad	<p>We suggest double checking the entry for Study Abroad in 2007 as there is an unexpected spike present in this year. If this value is accurate, we suggest making a note of the reason.</p> <p>We recommend including study abroad values in this section as its own entry. If this is not possible, please add a note explaining that the entries in this category include all university air travel.</p>
Waste & Wastewater	We suggest confirming the landfilling method in years before 2010; in those years, the method was listed as having flaring and electric generation in different years. Please update this as needed.

Please contact us at simap@unh.edu with any questions.



APPENDIX: SUMMARY OF ITEMS ASSESSED

SIMAP TAB: ACCOUNT

PAGE	CATEGORY	REVIEWED	NOTES
Institution	Basic account information	Yes	
	Zip code	Yes	
Notebook	Notebook entries	Yes	Use is recommend
Normalizations	Budgets	Yes	
	Physical Spaces	Yes	
	Populations	Yes	

SIMAP TAB: DATA ENTRY

SCOPE	CATEGORY	REVIEWED	NOTES
Scope 1	Stationary Fuels	Yes	Large fluctuations in Distillate Oil values & large spike in 2021 --- Natural Gas spike in 2004
	Transport Fuels	Yes	2 entries labeled "Gasoline Fleet 2019" --- Spike in Diesel Fleet 2013 & Large drop in Diesel Fleet between 2008 & 2009 --- Natural Gas & B5 Fleet data starts around 2008 and fluctuates through present
	Fertilizer	Yes	Values fluctuate greatly between years and no values for years prior to 2012.
	Animals	Yes	
	Refrigerants & Chemicals	Yes	Large spike in Other: R-410a (2020)
Scope 2	Utility Consumption	Yes	
	Renewable Energy	Yes	
Scope 3	Commuting	Yes	Number of commuting weeks is higher than that of the average university --- Most students have been identified as commuters in this category
	Business Travel & Study Abroad	Yes	Spike in 2007
	Student Travel to/from Home	Yes	Not currently being tracked
	Food	Yes	
	Paper	Yes	
	Waste & Wastewater	Yes	Many changes in the ways waste has been treated over the years
Sinks	Compost	Yes	Dining waste composted by third party provider starting in 2017.
	Non-Additional Sequestration	Yes	

	Offsets	Yes	
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SIMAP TAB: DATA MGMT

PAGE	CATEGORY	REVIEWED	NOTES
Calculation Sources and Methods	Emission factors version	Yes	
	Global warming potential version	Yes	
	Scope 2 method	Yes	
	eGrid region	Yes	
Status	Status of years	Yes	
Import Log	Files imported	Yes	

Weber State University results by scope from fiscal year 2007-2020:

