

Metrics have been compiled by Dan Zehner, NCO Facility Scheduler and Operations Coordinator.

The notes under the Comments column refer to a series of files uploaded to the box folder ([app.box.com/Example Metric for Each Site/UCSD Metrics and Highlights](http://app.box.com/Example Metric for Each Site/UCSD Metrics and Highlights)), please refer to these files to see the relevant metrics prepared for NHERI@UCSD.

**Table. NHERI Metrics**

No.	Metrics	NHERI Component	Intended Audience	Comments
Using the Metric				
1	Capacity (Test Equivalents)	UT Austin, UCSD, UC Davis		
2	1. % Utilization; 2. % Utilization NHERI wide (NCO)	UCSD, UT Austin, FIU, UF, OSU, NCO		
3	# of proposals submitted to use the facility	UCSD, UC Davis, UF	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the file <i>2_Proposals_Submitted_andAwarded_ToUtilize_NHERI@UCSD.xlsx</i> in the box folder UCSD Metrics and Highlights)
4	1. Repeat users; 2. Number of Users (DesignSafe and SimCenter); 3. Number of REU participants (NCO) 4. Number of REU applications (NCO);	UCSD, UC Davis, DesignSafe, SimCenter, NCO	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the files <i>2_Proposals_Submitted_andAwarded_ToUtilize_NHERI@UCSD.xlsx</i> and <i>1_Demographics_NHERI@UCSD.docx</i> in the box folder UCSD Metrics and Highlights)

	5. Number of SI participants (NCO)			
5	External vs. Internal PIs	UCSD, UT Austin, UC Davis	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the file <i>2_Proposals_Submitted_andAwarded_ToUtilize_NHERI@UCSD.xlsx</i> in the box folder <i>UCSD Metrics and Highlights</i> )
6	1. Diversity of Users; 2. Diversity of SI and REU participants (NCO)	UCSD, UT Austin, Lehigh, FIU, UC Davis, NCO	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the file <i>1_Demographics_NHERI@UCSD.docx</i> in the box folder <i>UCSD Metrics and Highlights</i> )
7	# of publications from external users	UCSD, UT Austin, FIU, UF, SimCenter, NCO	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the files <i>4_1_PublicationCounts_Charts_EndOf_QTR1_2019_NHERI@UCSD.xlsx</i> and <i>4_2_List_JournalPublications_EndOf_QTR1_2019_NHERI@UCSD.docx</i> in the box folder <i>UCSD Metrics and Highlights</i> )
8	# of publications using data from facility	UT Austin, FIU, UF, OSU, SimCenter, NCO, UCSD	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the files <i>4_1_PublicationCounts_Charts_EndOf_QTR1_2019_NHERI@UCSD.xlsx</i> and <i>4_2_List_JournalPublications_EndOf_QTR1_2019_NHERI@UCSD.docx</i> in the box folder <i>UCSD Metrics and Highlights</i> )
9	Percent planned project throughput completion	UT Austin, FIU, UF, OSU, UCSD	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the file <i>3_Utilization&amp;Performance Assessment_NHERI@UCSD.docx</i> in the box folder <i>UCSD Metrics and Highlights</i> )

10	Percent completion of maintenance, calibration, and repairs	UT Austin, FIU, UF, OSU, <b>UCSD</b>	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the file 3_Utillization&Performance Assessment_NHERI@UCSD.docx in the box folder UCSD Metrics and Highlights)
11	Actual award expenditures deviation	UT Austin, FIU, UF, OSU, NCO, SimCenter		
12	1. User survey results; 2. Percentage of sampled personnel from other awardees satisfied with DesignSafe. (from annual survey of other NHERI Awardees)	UT Austin, FIU, UF, OSU, NCO, DesignSafe, <b>UCSD</b>	NSF, NCO, and the site's current and future user base	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the file 3_Utillization&Performance Assessment_NHERI@UCSD.docx in the box folder UCSD Metrics and Highlights)
13	Safety reportables	All		
14	Cybersecurity reportables	All		
15	# of Days Planned Utilization	Lehigh, OSU,		
16	1. # of Days Utilization; 2. Annual NHERI EF Utilization by Days, by Facility (NCO)	FIU, Lehigh, OSU, NCO, <b>UCSD</b>		
17	Number planned days NSF Projects delayed	UT Austin, FIU, UF, OSU, <b>UCSD</b>	NSF, NCO, and the site's current and	UCSD will use this metric to convey the value of NHERI@UCSD to its users (see the file 3_Utillization&Performance

	due to equipment down-time		future user base	Assessment_NHERI@UCSD.docx in the box folder UCSD Metrics and Highlights)
18	Number of Pubs Citing NHERI	NCO		
19	Technology Transfer/Impact	NCO		
20	Governance/No. Meetings/Year	NCO		
21	No. of Science Plan Updates	NCO		
22	No. of Int. Partners	NCO		
23	No. of Datasets contrib. by Int. Part.	NCO		
24	No. of days =+- pln dur. T3-6	NCO		
25	No. Soc. Med. Followrs.	NCO		
26	No. of FB posts	NCO		
27	No. of Webinars Delivered	NCO, SimCenter, DesignSafe		
28	No. of Podcasts/year	NCO		
29	No. of Podcast downld/year	NCO		
30	No. of Pubs. Citing NHERI	NCO		
31	Number of distinct software tools delivered	SimCenter, DesignSafe		
32	Number of users of research tools (aggregate for all tools)	SimCenter, DesignSafe		
33	Number of datasets delivered	SimCenter		
34	Number of simulation models delivered.	SimCenter		

35	Number of users.	SimCenter, DesignSafe		
36	Number of webinar attendees	SimCenter, DesignSafe		
37	Number of educational tools delivered	SimCenter		
38	Number of users of each educational tool	SimCenter		
39	Number of published case studies	SimCenter		
40	Number of workshops organized	SimCenter		
41	Number of participants in each workshop	SimCenter		
42	Amount of public data stored in the DesignSafe file system	DesignSafe		
43	Amount of private data stored in the DesignSafe file system	DesignSafe		
44	Number of times analytics, simulation, and visualization tools were invoked	DesignSafe		
45	Number of published projects	DesignSafe		
46	Number of citations of DesignSafe marker paper	DesignSafe		
47	Number of files, workflows, or tools shared within Projects	DesignSafe		
48	Number of files, workflows, or tools	DesignSafe		

	shared with the general public by users			
49	Number of views of online training and documentation materials	DesignSafe		
50	Number of support tickets and feature requests submitted per year	DesignSafe		
51	Uptime for the CI	DesignSafe		
52	Number of partner organizations/projects (beyond the required experimental facilities) using the CI to store and distribute datasets	DesignSafe		