





1

Agenda



Larissa
• Welcome
• User Group / Data Submission Schedules
• THA HIN / Data Programs
• Involved Parties / Data Flow
• Required Reporting
Sarah
• Contact and Forms
• HIDINet v3 Demonstration
• Edit Detail / Summary Report Review
• Verification Report Review
• Documentation
• Closing



2

User Group Meetings / Purpose & Schedule



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Purpose of THA HIN User Group Meetings

- Provide opportunity for education for our THA HIN members
- Provide open forum for questions, conversation, feedback

2023 Dates Coming Soon!

Quarter / Discharge Data Due Date	User Group Webinar
Q1-2022 / May 30, 2022	May 12, 2022
Q2-2022 / August 29, 2022	August 11, 2022
Q3-2022 / November 29, 2022	November 3, 2022
Q4-2022 / March 1, 2023	February 16, 2023



3

THA Health Information Network (THA HIN)



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The THA HIN was formed in 1999 by the Tennessee Hospital Association to assist member hospitals in meeting the state mandated hospital discharge data reporting requirements.

State Law / Rules and Regulations

- TCA 68-1-108 is the enabling legislation that requires all acute care and psychiatric hospitals licensed in the state of Tennessee to report inpatient and outpatient UB discharge data to the Tennessee Department of Health
 - Chapter 1200-7-3 are the rules and regulations associated with the law



4

THA Data Programs / Services



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- **Hospital Discharge Data**
 - Market IQ
 - HIDI's Multistate Data Exchange Program
 - DATABANK
 - ConnectTN – THAs Admission Discharge Transfer (ADT) data program
 - Kentucky Hospital Association (KHA) Data Exchange



5

Involvement and Data Flow



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Parties Involved in Hospital Discharge Data Reporting

- Tennessee Department of Health, Office of Health Statistics, Hospital Discharge Data System (HDDS)
- THA Health Information Network (HIN)
- Hospital Industry Data Institute (HIDI)
- Tennessee Hospitals
 - There are currently 155 HIN member hospitals reporting data directly to THA HIN
(This includes acute care, behavioral health and rehabilitation hospitals.)
 - 3 new hospitals were added in 2022
 - Ascension Saint Thomas Rehabilitation Hospital
 - East Tennessee Behavioral Health
 - Knoxville Center for Behavioral Medicine



6

Types of Discharges Required to be Reported



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Hospital inpatient and outpatient data are to be reported to the THA HIN on a quarterly basis.

- Inpatient: Defined by bill type
- Outpatient: We ask that all outpatient data be submitted. The HIDINet system will sort and group your data into the appropriate categories.
- Categories
 - Ambulatory Surgery
 - Emergency Department
 - Observation
 - Select Diagnostic Services (Lithotripsy, PET, CT, MRI/MRA, Megavoltage)

Refer to the HDDS manual for all information including data definition and file layout requirements.



Find the manual on THA-HIN.com

Hospital Discharge Data System
User Manual

2023



7

Discharge Record Counts

Q1-Q3 2022

	2022Qtr1	2022Qtr2	2022Qtr3	Total
IP	204,356	207,701	215,367	627,424
OP	999,218	1,078,991	1,120,259	3,198,468

	2022Qtr1	2022Qtr2	2022Qtr3	Total
AS	233,263	252,489	254,115	739,867
DS	421,138	449,837	462,752	1,333,727
ER	744,526	800,919	842,299	2,387,744
IP	204,356	207,701	215,367	627,424
OB	67,573	74,098	75,127	216,798
Total	1,203,574	1,286,692	1,335,626	3,825,892



8

THA HIN Data Submission System and Review



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Data Submissions

- HIDINet
 - Upload quarterly discharge data in UB-04 format
 - Review processing reports generated from data submitted
 - Correct errors in data, as needed
 - Or data resubmissions

Data Review

- Penalty from TDH for failure to report and/or for failure to correct errors
 - Fatal Error Rate:
 - No more than 2% on inpatient data
 - No more than 2% on outpatient data
- Reasonable and Consistent Data
 - THA HIN reviews data to ensure it is reasonable and consistent over time.
 - Inpatient and Outpatient volume, charges, distribution by payer, record types, other data points



9

Contacts and Forms



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- Notifications of changes in a facility
 - Policy Contact required by the Department of Health
 - Technical Contact
 - EHR Vendor or programming changes
 - Annual form from the Department of Health
- Extension Request Forms
 - Required before the Quarterly Submission Deadline

Please reach out to me for any of these changes or needs.



10

HIDINet V3 Demonstration



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- Site Users

- Contact us to gain access
- Multi-Factor Authentication – phone required
- Copied on emails from the system when data is uploaded or when it has failed
- Various reasons for access
- Currently no limit



11

HIDINet V3 Demonstration



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HIDINet Upload Status Reports Data Submissions Documentation Association Sign out

Upload

Select a Facility

Choose a file

Choose File | No file chosen

Upload

File Specifications:

- .TXT or .ZIP files only
- Filesize less than 50 MB
- .ZIP files can only contain one compressed file
- No passwords on .ZIP files
- Files can contain both IP and OP data



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12

HIDINet V3 Demonstration



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- Once the files are submitted –
 - Site Tabs to check
 - Status
 - Data Submissions
 - Reports to check
 - Edit Detail Report (Edit Summary Report emailed)
 - Verification Report
 - Data Submissions
 - Corrections Option



13

HIDINet V3 Demonstration



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HIDINet Upload **Status** Reports Data Submissions Documentation Association Sign out

Status

Select Facility

	Monthly IP Records			Monthly OP Records			IP Error Rate	OP Error Rate	
Q121	122	93	96	1105	1081	1316	0	0.17	Correct
Q221	81	93	108	1471	1139	1416	0.35	0.22	Correct
Q321	105	119	139	1419	1546	1193	0.55	0.12	Correct
Q421	103	92	110	1357	1386	1375	0	0.07	Correct
Q122	112	96	97	1431	1211	1248	0.33	0.10	Correct
Q222	0	0	0	0	0	0	0	0	Correct
Q322	0	0	0	0	0	0	0	0	Correct
Q422	0	0	0	0	0	0	0	0	Correct



14

HIDINet V3 Demonstration



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HIDINet Upload Status Reports **Data Submissions** Documentation Association Sign out

Data Submissions

Select Facility

Submit Id	Date Received	Low Date	High Date	Status	IP Recs	OP Recs	Skipped	Overlaid	Test	
TN22648	2/14/2023	10/1/2022	12/31/2022	LOADED	2302	0	0	0	N	Delete
TN22202	11/11/2022	7/1/2022	9/30/2022	LOADED	0	73462	0	0	N	Delete
TN22171	11/7/2022	7/1/2022	9/30/2022	LOADED	2299	0	0	0	N	Delete
TN21702	8/5/2022	4/1/2022	6/30/2022	LOADED	0	68798	0	0	N	Delete
TN21687	8/2/2022	4/1/2022	6/30/2022	LOADED	2116	0	0	0	N	Delete
TN21340	5/18/2022	1/1/2022	3/31/2022	LOADED	0	74026	0	74026	N	Delete
TN21339	5/18/2022	1/1/2022	3/31/2022	LOADED	0	74026	0	0	N	Delete



TENNESSEE HOSPITAL ASSOCIATION

15

Edit Detail/Summary Report Review



HEALTH INFORMATION NETWORK

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INPATIENT ERROR SUMMARY REPORT DISCHARGE PERIOD FROM 10/1/2022 TO 12/31/2022

ERROR #	F/W	ERROR MESSAGE	ERROR COUNT	ERROR RATE	EDIT STATUS
1003	F	Patient discharge status is invalid for bill type	1	0.04%	ACTIVE
1901	F	Patient state is missing	8	0.35%	ACTIVE
1903	F	Patient state is invalid for Zip Code	1	0.04%	ACTIVE
2001	F	ZIP code is missing	6	0.26%	ACTIVE
2605	F	Attending Phy Prof Code + TN Lic Nbr missing	1	0.04%	ACTIVE
2614	F	Attending Phy UPIN/NPI missing	1	0.04%	ACTIVE
2801	F	Priority of visit is missing	1	0.04%	ACTIVE
2804	F	Priority of visit is newborn but principal diagnosis code is not newborn	1	0.04%	ACTIVE
3306	F	SSN is invalid	3	0.13%	ACTIVE
4201	F	Patient's street address is missing	8	0.35%	ACTIVE
4301	F	Patient's city of residence is missing	8	0.35%	ACTIVE
6401	F	Primary payer reported - Insured's first name missing	5	0.22%	ACTIVE
9718	F	Other ICD10 diagnosis is not valid	1	0.04%	ACTIVE
9737	F	Duplicate secondary ICD10 diagnosis code reported	1	0.04%	ACTIVE
9738	F	Principal ICD10 diagnosis suggests questionable admission	1	0.04%	ACTIVE
9804	F	Other ICD10 diagnosis POA is missing	3	0.13%	ACTIVE
10002	F	External Cause of Morbidity code POA Exempt, ECM code non-exempt	3	0.13%	ACTIVE
10101	F	Operating physician present, but principal ICD10 procedure is missing	7	0.30%	ACTIVE
0408	W	Principal payer is "Other"	14	0.61%	ACTIVE
0603	W	Race is patient refused or unknown	12	0.52%	ACTIVE
0803	W	Ethnicity is patient refused or unknown	22	0.96%	ACTIVE
2505	W	Patient type is inpatient, but total charges are less than \$150 or more than \$30,000 per day	170	7.38%	ACTIVE
2609	W	Attending Phy Prof Code + TN Lic Nbr valid format, but not found < 30%	58	2.52%	ACTIVE
2613	W	Attending Physician Prof Code + TN Lic Nbr is Unknown	119	5.17%	ACTIVE
2714	W	Operating Phy Prof Code + TN Lic Nbr valid format, but not found > 30%	107	4.65%	ACTIVE
3305	W	SSN is equal to 9's	187	8.12%	ACTIVE
3907	W	Revenue charge is missing	10	0.43%	ACTIVE
6501	W	Primary Patient Relationship to insured is missing	3	0.13%	ACTIVE
6701	W	Primary Insurance Group number is missing	910	39.53%	ACTIVE
6702	W	Secondary Insurance Group number is missing	601	26.11%	ACTIVE
6703	W	Tertiary Insurance Group number is missing	33	1.43%	ACTIVE
6801	W	Primary insured's employer Name is missing	336	14.60%	ACTIVE
9731	W	Duplicate secondary ICD10 diagnosis code reported	1	0.04%	ACTIVE
10004	W	External Cause of Morbidity POA reported, but ECM code exempt from POA reporting	6	0.26%	ACTIVE



TENNESSEE HOSPITAL ASSOCIATION

16

Edit Detail/Summary Report Review



HEALTH INFORMATION NETWORK

NUMBER OF RECORDS WITH FATAL ERRORS	35	1.52%
NUMBER OF RECORDS WITH WARNING ERRORS	1527	66.33%
NUMBER OF RECORDS PASSING ALL EDITS	740	32.15%
TOTAL RECORDS EDITED	2302	
TOTAL INPATIENT RECORDS	2302	
TOTAL EMERGENCY ROOM RECORDS	1678	
TOTAL OBSERVATION RECORDS	17	
TOTAL AMBULATORY SURGERY RECORDS	0	
TOTAL LITHOTRIPSY RECORDS	1	
TOTAL PET SCAN RECORDS	1	
TOTAL MRI/MRA SCAN RECORDS	253	
TOTAL MEGAVOLTAGE RECORDS	17	
TOTAL CT SCAN RECORDS	1090	
TOTAL CODES RECORD RECORDS	166	
TOTAL RECORDS WITH INJURY/POISONING DIAGNOSIS	292	
TOTAL RECORDS WITH ICD-9 PROCEDURE CODES	0	
TOTAL RECORDS WITH ICD-10 PROCEDURE CODES	1290	
TOTAL ICD-9 CODED RECORDS	0	
TOTAL ICD-10 CODED RECORDS	2302	
TOTAL RECORDS WITH TENNESSEE ZIP CODE	2267	
*** TOTAL NON-REQUIRED RECORDS DROPPED - NOT EDITED	0	
AVERAGE LOS	4.04	
PERCENT OF RECORDS WITH TENNCARE AS PRIMARY PAYER	11.77%	
PERCENT OF TENNCARE RECORDS WITH 'T' AS PRIMARY PAYER	0.00%	
PERCENT OF RECORDS WITH 'O' AS PRIMARY PAYER	0.61%	



Verification Report Review



HEALTH INFORMATION NETWORK

Verification of Data 2022

2/14/2023

Discharges	Jan	Feb	Mar	Qtr1	Apr	May	Jun	Qtr2	Jul	Aug	Sep	Qtr3	Oct	Nov	Dec	Qtr4
2021 IP	815	776	921	2512	860	857	884	2601	912	867	877	2656	831	823	925	2579
2022 IP	761	723	714	2198	728	698	690	2118	715	829	755	2299	765	734	803	2302
Fatal Error Rate 2022 IP				1.46%				1.32%				1.00%				1.52%
2021 OP	5298	5300	6147	16745	6278	5974	6406	18658	6326	6550	5807	18683	5797	6057	6265	18119
2022 OP	5686	5467	6264	17417	6078	5191	6817	18086	6430	7077	6487	19994	0	0	0	0
Fatal Error Rate 2022 OP				1.75%				1.34%				1.73%				0.00%
Payer Limits																
Percent TennCare Payer 'T' 2022 IP				0.00%				0.00%				0.00%				0.00%
Percent 'O' Primary Payers 2022 IP				0.86%				0.61%				0.70%				0.61%
Percent TennCare Payer 'T' 2022 OP				0.00%				0.00%				0.00%				0.00%
Percent 'O' Primary Payers 2022 OP				0.79%				0.95%				1.01%				0.00%
Charges		1st Qtr			2nd Qtr			3rd Qtr			4th Qtr					
2021 Inpatient		\$104,158,953.89			\$99,854,602.01			\$116,577,992.29			\$104,627,390.30					
2022 Inpatient		\$104,436,080.82			\$86,010,819.02			\$92,104,253.90			\$92,157,814.04					
2021 Outpatient		\$114,354,675.27			\$123,458,845.33			\$116,575,015.10			\$124,992,145.68					
2022 Outpatient		\$122,084,753.17			\$112,072,421.02			\$139,921,520.17			\$0.00					
Diag and Proc Counts	No code	1_codes	2_codes	3_codes	4_codes	5_codes	6_codes	7_codes	8_codes	9_codes						
Inpatient Procedures	3477	2223	1373	600	449	243	550	0	0	0						
Inpatient Diagnosis	0	30	230	398	431	502	562	591	624	5547						
Outpatient Procedures	55496	0	0	1	0	0	0	0	0	0						
Outpatient Diagnosis	21	9173	9210	9119	7786	6084	4590	3169	2176	4169						
DX POA Inpatient	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Y	7075	6611	6392	6467	5633	5782	5772	7040	6458	6702	6381	6734				
N	372	384	356	224	245	270	267	295	273	361	365	321				
W																
U							1				1					
1	1096	1071	1085	1102	865	899	975	1248	1217	1123	1157	1231				



Verification Report Review



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Verification of Data 2022

Discharges by Patient Type 2021-2022 Inpatients

	Inpatient	Emergency Room	Observation	Lithotripsy	PET Scan	MRI/MRA Scan	Monoclonal	CT Scan
Inpatient								
Jan-2021	815	645	5		1	75	5	427
Feb-2021	776	577	6			84	8	396
Mar-2021	921	686	12			101	8	463
Apr-2021	860	652	12			88	6	404
May-2021	857	676	15		4	95	8	429
Jun-2021	884	661	17	2	1	91	7	424
Jul-2021	912	681	20		3	113	3	439
Aug-2021	867	694	7			93	4	458
Sep-2021	877	682	9		3	97	5	511
Oct-2021	831	601	12			88	7	407
Nov-2021	823	588	10	1	1	76	3	394
Dec-2021	925	646	14			93	4	426
Jan-2022	761	580	8		1	76	6	409
Feb-2022	723	546	4		1	74	3	384
Mar-2022	714	495	5		2	89	1	363
Apr-2022	728	514	7	1		75	3	350
May-2022	698	467	4			68	2	329
Jun-2022	690	472	4		1	91	5	299
Jul-2022	715	469	4			69	5	319
Aug-2022	829	582	6			91	10	402
Sep-2022	755	519	5			74	1	347
Oct-2022	765	552	7			84	1	364
Nov-2022	734	547	6	1		85	6	362
Dec-2022	803	579	4		1	81	10	364



Verification Report Review



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Verification of Data 2022

Discharges by Patient Type 2021-2022 Outpatients

	Emergency Room	Observation	Ambulatory Surgery	Lithotripsy	PET Scan	MRI/MRA Scan	Monoclonal	CT Scan
Outpatient								
Jan-2021	2779	271	1286	9	33	500	39	1755
Feb-2021	2601	326	1352	6	57	563	20	1728
Mar-2021	3014	396	1522	18	65	651	31	2035
Apr-2021	3158	402	1575	19	53	643	36	2013
May-2021	3215	378	1454	7	62	587	27	1885
Jun-2021	3243	433	1621	13	67	677	36	1962
Jul-2021	3333	321	1491	11	51	648	34	2062
Aug-2021	3375	257	1576	17	51	679	27	1945
Sep-2021	2947	231	1362	8	25	598	35	1903
Oct-2021	2807	355	1494	4	35	635	21	1878
Nov-2021	2829	388	1682	14	49	634	25	1858
Dec-2021	3093	365	1678	16	65	650	25	1913
Jan-2022	2865	245	1471	10	34	566	13	1752
Feb-2022	2402	212	1614	14	41	565	30	1788
Mar-2022	2790	294	1791	3	52	686	26	2158
Apr-2022	2831	262	1760	11	67	634	29	1956
May-2022	3198	285	426		58	679	22	2163
Jun-2022	3143	297	1872	9	55	695	20	2362
Jul-2022	3237	327	1691	7	53	630	30	2098
Aug-2022	3162	342	2006	7	47	781	29	2289
Sep-2022	2992	373	1820	4	41	736	32	2111
Oct-2022								
Nov-2022								
Dec-2022								




HIDINet V3 Demonstration





HIDINet Upload Status Reports Data Submissions **Documentation** Association Sign out

Documentation

[2018 Hospital Discharge Data System User Manual.pdf](#)
[HIDINet Demo.wmv](#)
[THA HIDINet v3 Website Information_06-25-2020.doc](#)




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21

2023 User Group Webinars



Coming Soon!



22



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**Questions or Comments?
Feedback about future meetings?**

Bryan Metzger, Senior Vice President Information Services

bmetzger@tha.com

615-401-7445

Larissa Lee, Senior Director Health Information Network

llee@tha.com

615-401-7464

Sarah Cooley, HIN Data Analyst

scooley@tha.com

615-401-7453



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