EMRDoc Reporting Module

Because EPOWERdoc's has a unique electronic template documentation design, data elements are easily captured and unlimited reporting is just a click away. EMRDoc generates aggregate data to provide a true dashboard of activity for the Emergency Department. Reports can be generated through a list of custom reports provided in the system, or through our Ad Hoc Report Generator. Using either Crystal Reports, Active Reports, MS Access, MS Excel or SQL Client, data can be mined from any easily accessible field in the system.

EPOWERdoc's standard reports include:

- Clinical reports for operational efficiency
- Productivity reports for all providers
- JCAHO core measure reporting
- Quality assurance measurement

Patient Log Reports:

Includes the *patient name, chief complaint, Physician, Primary Nurse, Disposition* and *Total Number*

- Specific Time frame of listing of patients
- Sort / Filter by **Chief Complaint**
- Sort / Filter by **Primary Care Physicians**
- Sort / Filter by **Mode of Arrival**
- Sort / Filter by **Provider**

Throughput Reports:

Time points are: *Registration, Triage, To Room, To Nurse, To Doc, Disposition, Time Out of ED*

- Length of Stay Average times
- LOS specific to patient
- Sort by Provider
- Sort by Disposition
- Admission Holds

Disposition Reports:

Both the total numbers and the specific patient information

- LWBS
- AWOL
- AMA
- Admissions
- Transfers
- Expirations
- Discharges

Ad Hoc Reports:

The EMRDoc system is designed for every entry during the documentation process to become a data element. As a result, reports can be generated on demand for any of these individual data elements or any combinations.

List of Standard Reports

Patient Reports:

- Patient Log
- Daily Activity Log
- Disposition Location and Volume
- Arrival Origin and Mode
- Return Visits
- Hourly/Shift/Daily/Monthly/Quarterly Summary
- Patients by Age
- Patients by Gender
- Patients by Zip Code
- Patients by Family Doctor
- Patients by Diagnosis
- Patients left (AMA, LWBS, Elopement, Expire)
- Patients by Billing Code
- Transfers
- Transfer Locations
- Admits
- Direct Admits
- ED Holds
- HIPPA Log
- JCAHO Screening Compliance Log
- Risk Management Report
- Charge Capture

Time Studies:

- Patient Volume by Hour/Shift/Day of Week/Month/Quarter/Year
    - List of all patients and disposition in a selected time frame
- Disposition Volume
    - Totals by day and disposition type in a selected time frame
- Return Visits
    - In a selected time frame, this report list all patients returned in 24, 48, and 72 hours
- Average Time from Arrival to Disposition
- Average Time from Registration to Triage
- Average Time from Triage to Nurse
- Average Time to See Provider
- Average Time in Waiting Room
- Average Time per Patient by Provider
- Average Time by Chief Complaint
- Average Time by Acuity Level
- Average Triage Time

- Length of Stay by Disposition
- Length of Stay by Diagnosis
- Admission Delays
- Patients per Hour per Room

Provider Productivity:
- Provider Practice Profiling
- Actual and Average Length of Stay by Provider
- Actual and Average Patient Volume by Provider
- Admissions by Provider
- Orders by Provider
- Average # Tests by Provider
- Patient Returns by Provider
- Medications by Provider
- Nursing Procedures
- Provider Risk Management Compliance

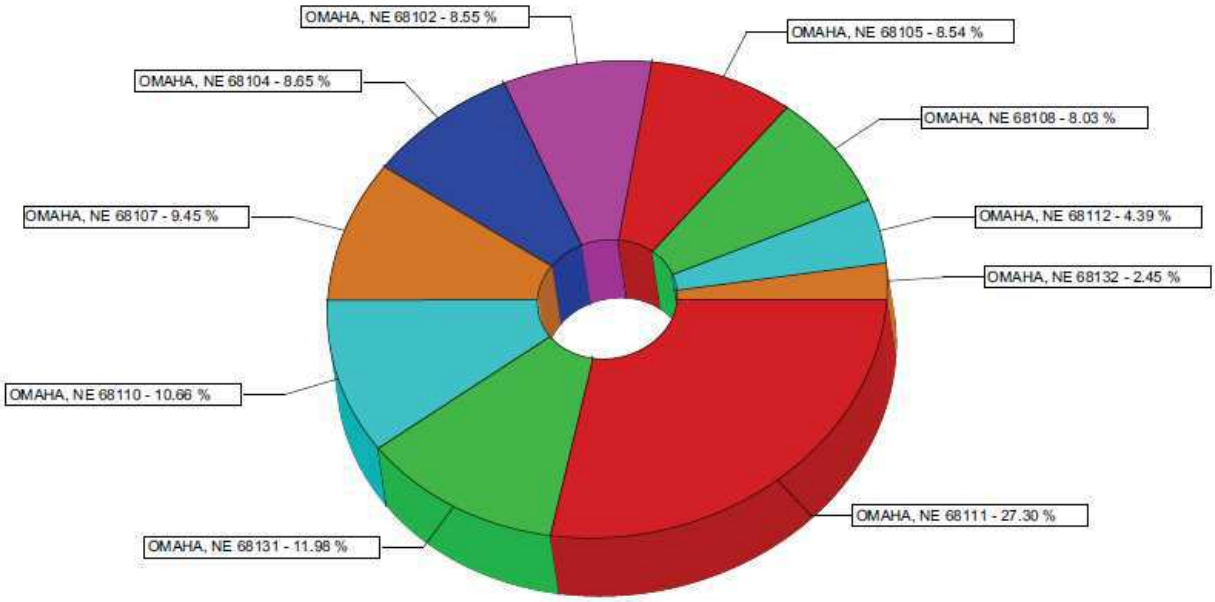
Activity Logs:
- Access to Clinical Information
- Access to Risk Prompting
- HIPPA Access Log
- HL7 Error Log
- EMRDoc Error Log

Clinical Information:
- Left Without Treatment
- Left Without Treatment Risk Indicators
- E&M Level by Hour
- Triage Acuity Class
- Charts Not Signed
- Chief Complaint Log
- Diagnosis Log
- Trauma Log
- Top Prescribed Medications
- Top Prescribed Medications by Physician
- Medications per Chief Complaint and Diagnosis
- Top Lab Orders
- Top Lab Orders by Physician
- Orders by Chief Complaint
- Disposition by Chief Complaint
- Provider Procedures
- Nursing Procedures
- Identified Symptom, Physical Finding, or PMH Summary
- Syndrome Bio-surveillance
-

Reporting Samples

Census by Zip Code

Creighton University Medical Center
601 N 30TH Street Omaha, NE 68131
Top 10 Zip Codes By Volume From 1/1/2010 To 6/30/2010



3,148 Patients - OMAHA, NE 68111	1,381 Patients - OMAHA, NE 68131	1,229 Patients - OMAHA, NE 68110
1,090 Patients - OMAHA, NE 68107	998 Patients - OMAHA, NE 68104	986 Patients - OMAHA, NE 68102
985 Patients - OMAHA, NE 68105	926 Patients - OMAHA, NE 68108	506 Patients - OMAHA, NE 68112
283 Patients - OMAHA, NE 68132		

Return Visits within 72 Hours

Excela Health Frick Hospital
508 South Church St - Mount Pleasant, PA

Return Visits from 4/21/2012 - SAT To 4/27/2012 - FRI - Within 72 Hours - By Date Of Original Visit

Date Of Original Visit: 04/21/2012

Patient Name - Gender / Age	Back In	Visit Date-Time	Chief Complaint	Disposition	Hospital Acct
		4/21/2012 12:33 AM	079494 Urinary problem	Discharged	1211200002
	58 hrs	4/23/2012 10:43 AM	079494 Altered mental status	Admit. - Full	1211400141
		4/21/2012 8:25 PM	057231 Altered mental status	Discharged	1211200217
	35 hrs	4/23/2012 7:55 AM	057231 Alcohol intoxication	Discharged	1211400065
		4/21/2012 6:37 AM	206562 Generic problem	Discharged	1211200021
	52 hrs	4/23/2012 10:32 AM	206562 Generic problem	Discharged	1211400131
	69 hrs	4/26/2012 7:58 AM	206562 Generic problem	Discharged	1211700067

Date Of Original Visit: 04/22/2012

Patient Name - Gender / Age	Back In	Visit Date-Time	Chief Complaint	Disposition	Hospital Acct
		4/22/2012 2:42 AM	193292 Abdominal pain	Discharged	1211300003
	70 hrs	4/25/2012 12:17 AM	193292 Assault	Discharged	1211600014
		4/22/2012 11:47 AM	214861 Tooth problem	Discharged	1211300045
	27 hrs	4/23/2012 2:49 PM	214861 Alcohol or substance withdrawal	Discharged	1211400252

Date Of Original Visit: 04/23/2012

Patient Name - Gender / Age	Back In	Visit Date-Time	Chief Complaint	Disposition	Hospital Acct
		4/23/2012 11:22 AM	065616 Nausea, vomiting	Discharged	1211400155
	8 hrs	4/23/2012 7:52 PM	065616 Abdominal pain	dmit. - Observ	1211400321

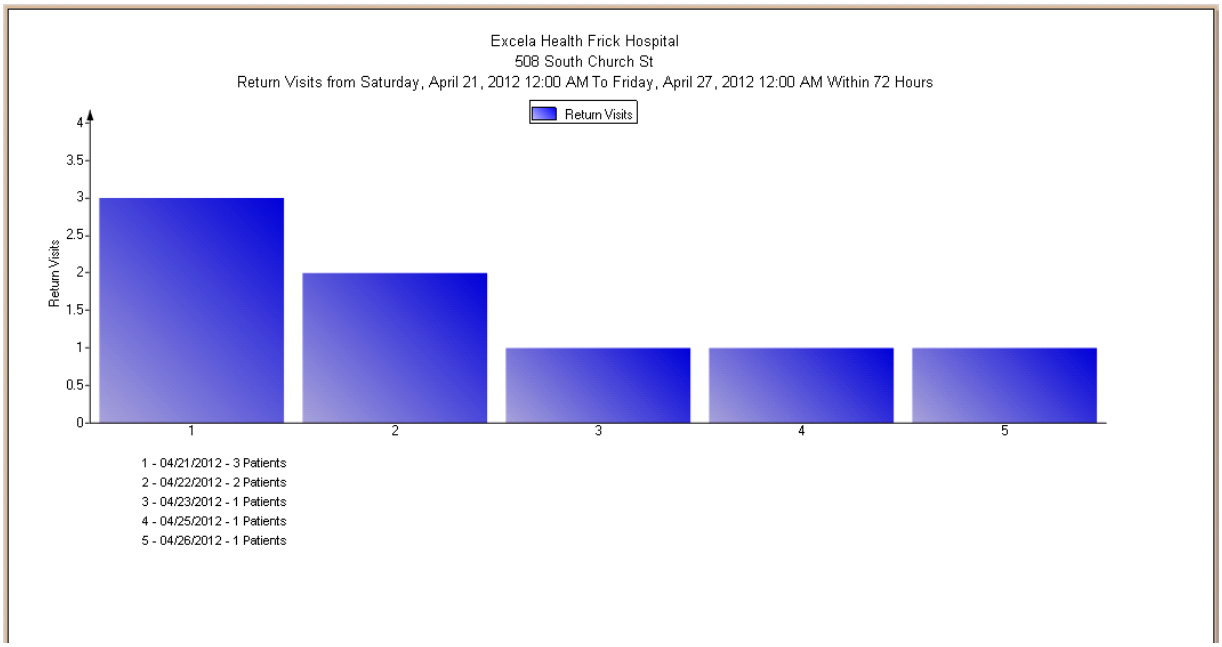
Date Of Original Visit: 04/25/2012

Patient Name - Gender / Age	Back In	Visit Date-Time	Chief Complaint	Disposition	Hospital Acct
		4/25/2012 2:18 PM	019122 Dizziness	Discharged	1211600291
	44 hrs	4/27/2012 10:07 AM	019122 Generic problem	Active	1211800140

Date Of Original Visit: 04/26/2012

Patient Name - Gender / Age	Back In	Visit Date-Time	Chief Complaint	Disposition	Hospital Acct
		4/26/2012 9:40 PM	135381 Wound check	Discharged	1211700382
	11 hrs	4/27/2012 8:16 AM	135381 GI bleed	Admit. - Full	1211800065

Return Visits within 72 Hours



Daily Scorecard

Daily Scorecard For 4/21/2012 TO 4/21/2012 11:59:00 PM

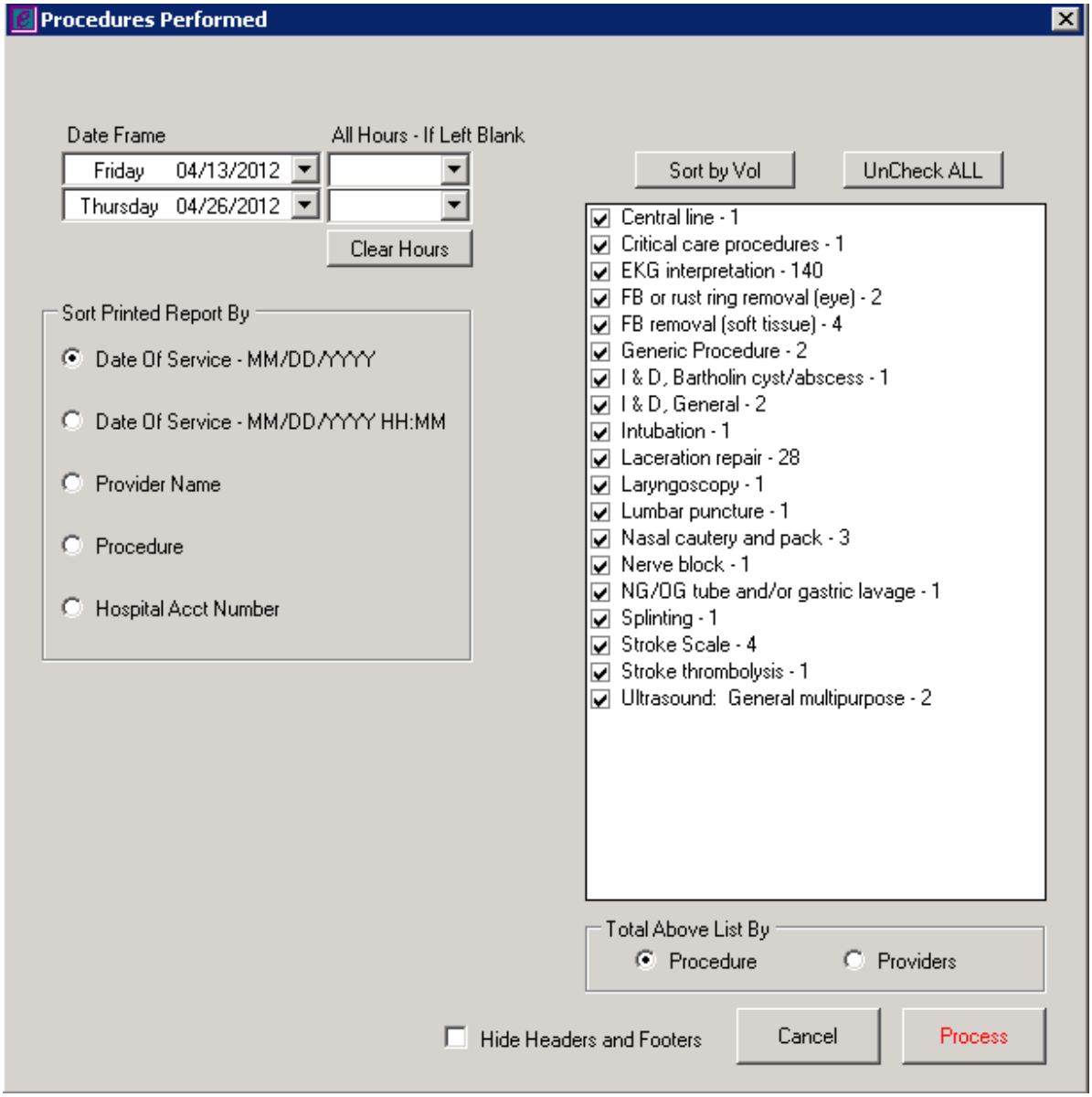
Disposition	Number of Visits
Admitted to floor	11
Discharged	49
Transferred to other facility	1
Total	61

EMS Runs	Admitted EMS Runs
5	4

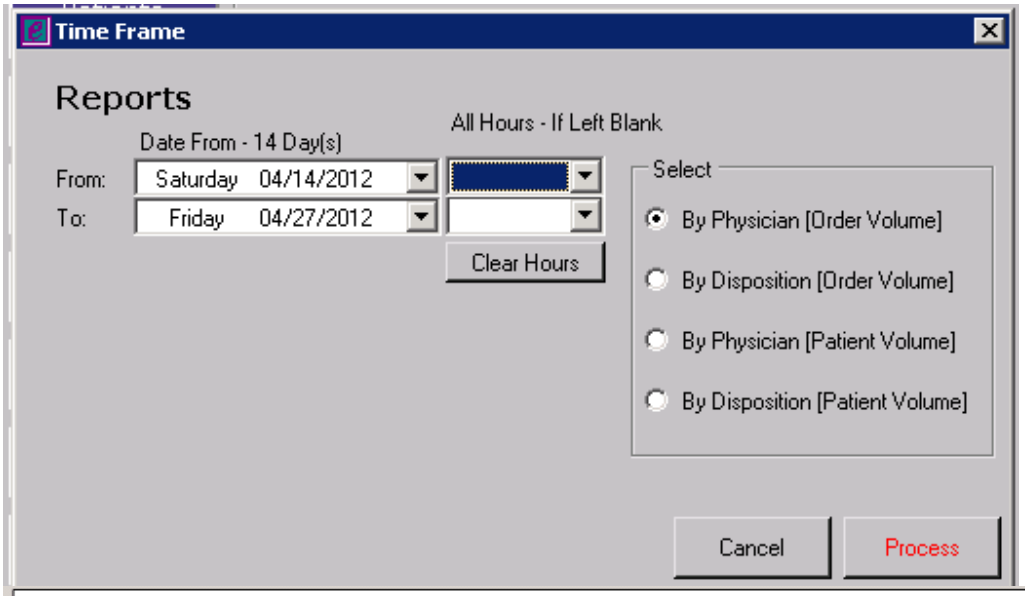
Acuities	Number of Visits
1-Immediate Care	1
2-Critical/Serious	6
3-Two or More Resources	26
4- One Resource	27
5- No Resources	1

Chief Complaint - Top 25	Number of Visits
Chest pain	5
Knee problem	4
Shortness of breath	4
Extremity problem	3
Eye problem	3
Back or flank pain	3
Altered mental status	2
Abdominal pain	2
Extremity swelling or pain	2
Generic problem	2
Foot problem	2
Finger problem	2
Finger laceration	2
Cough	2
Weakness	2
Head injury	1
Hand problem	1
Palpitations	1
Neck pain	1
Nausea, vomiting	1

Procedures Preformed

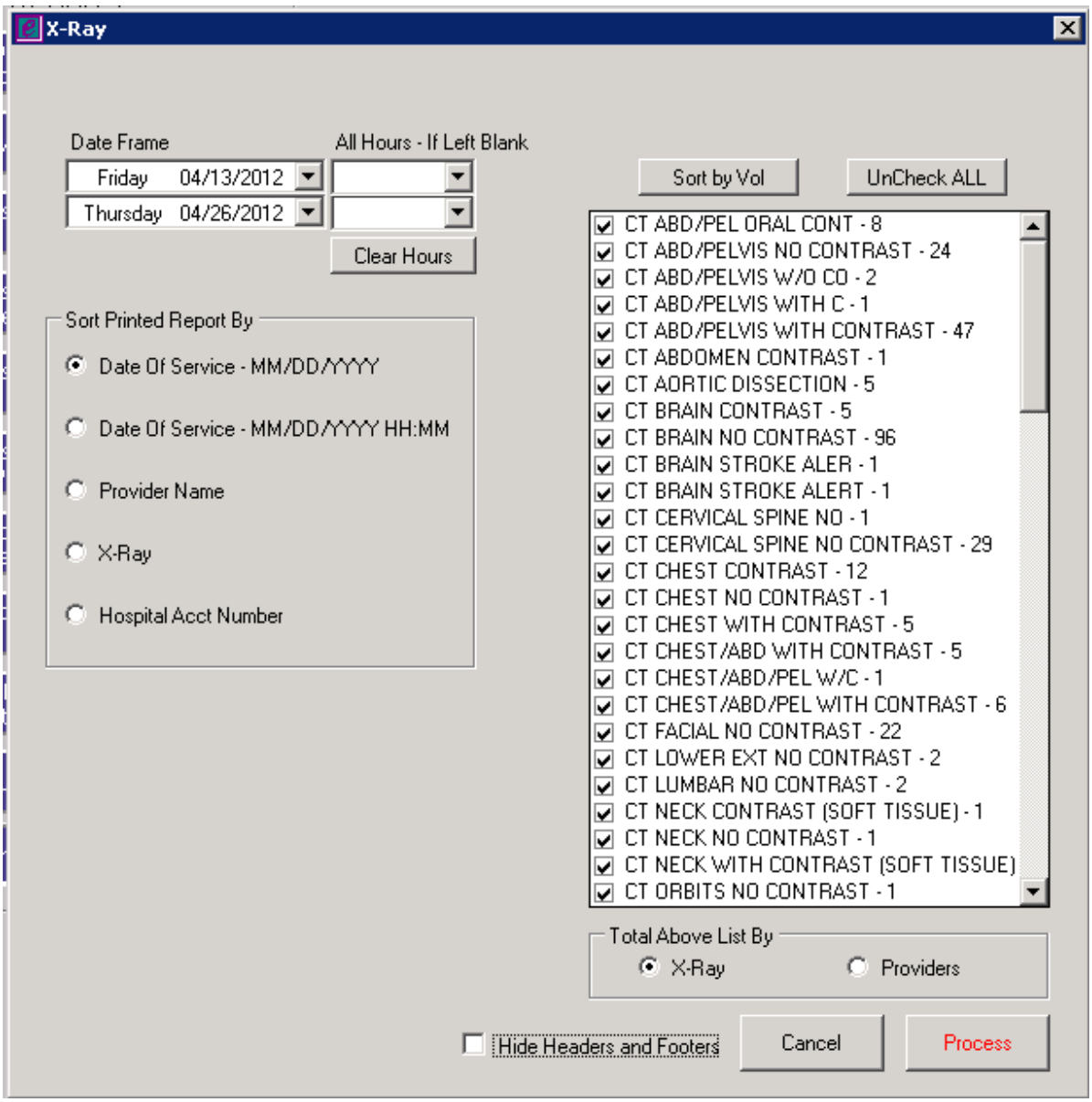


Physician Orders

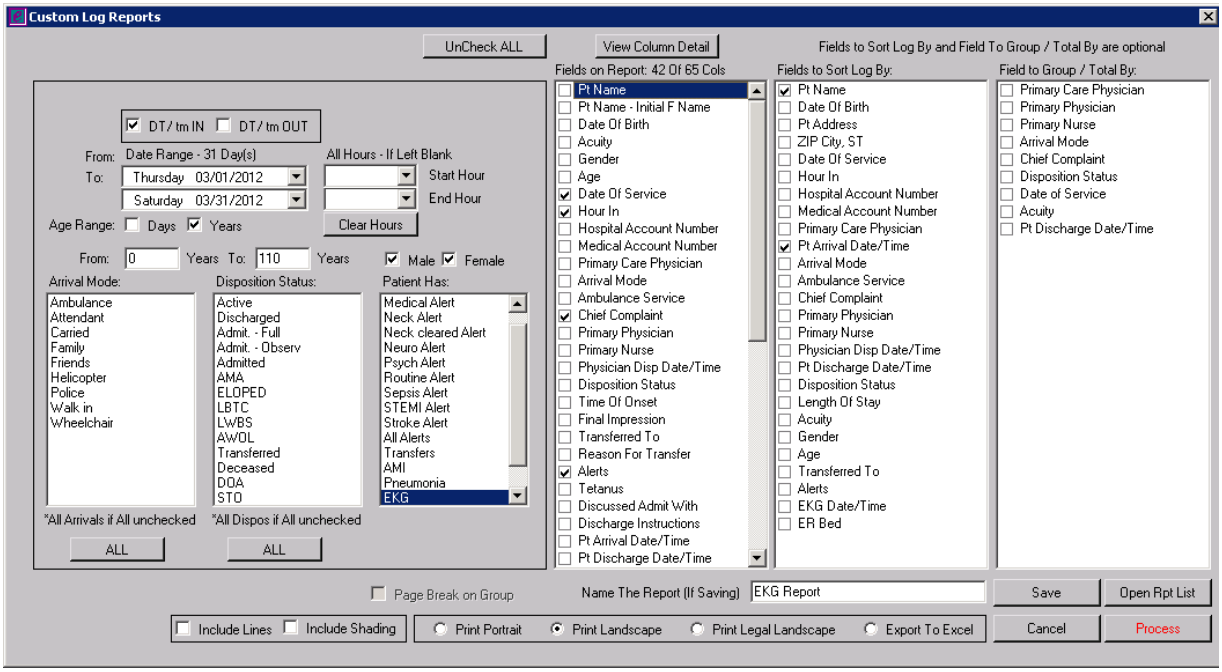


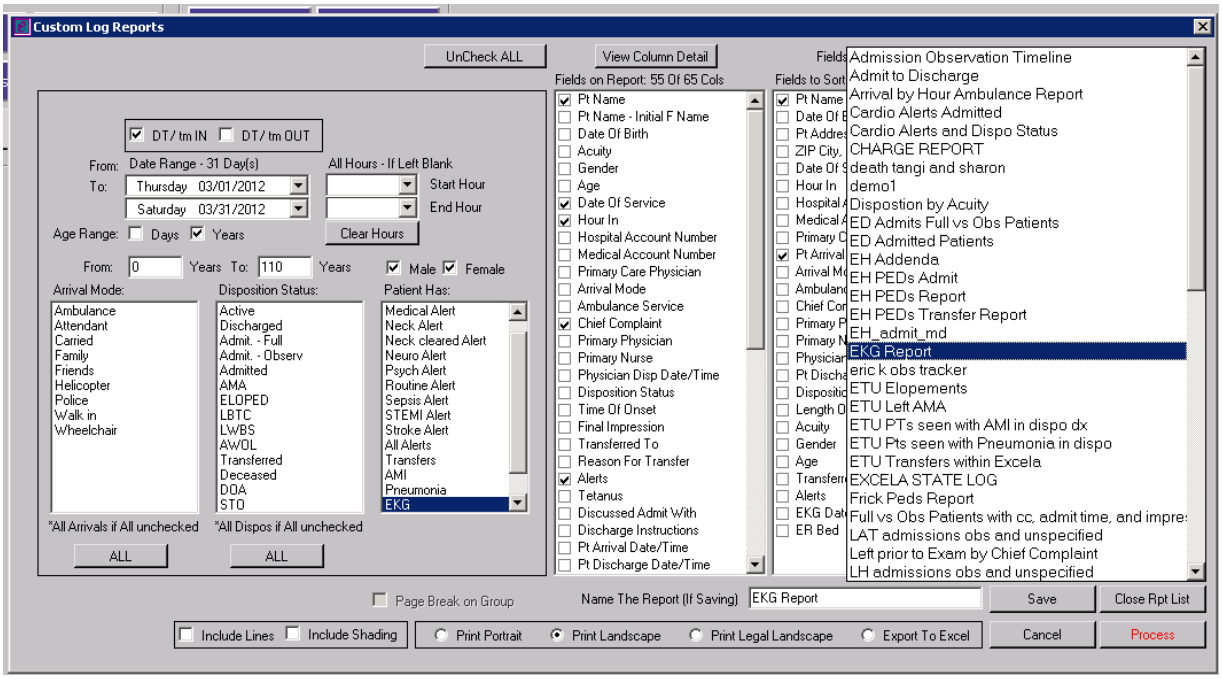
Excela Health Frick Hospital
Mount Pleasant, PA 15666
Order Volume By Physician From 4/14/2012 To 4/27/2012 11:59:00 PM

	Type Of Order					Orders	
Physician Name	Lab	Radiology	Medication	Cardiopulmonary	General	Totals	% Totals
	65	29	46	11	52	203	3.00%
	283	79	143	40	138	683	10.08%
	75	32	73	7	36	223	3.29%
	51	23	35	4	33	146	2.15%
	137	47	121	23	78	406	5.99%
	211	105	288	37	171	812	11.98%
	367	124	265	48	180	984	14.52%
	71	43	99	9	57	279	4.12%
	122	38	63	16	39	278	4.10%
	26	6	16	1	14	63	0.93%
	77	29	47	11	43	207	3.05%
	103	34	82	14	51	284	4.19%
	45	15	30	5	14	109	1.61%
	61	11	33	7	21	133	1.96%
	350	152	241	56	214	1,013	14.95%
	304	105	329	42	172	952	14.05%
	0	1	0	0	0	1	0.01%
TOTALS	2,348	873	1,911	331	1,313	6,776	100.00%


X-Ray
Date Frame
All Hours - If Left Blank
Friday 04/13/2012
Thursday 04/26/2012
Clear Hours
Sort by Vol
UnCheck ALL
Sort Printed Report By
Date Of Service - MM/DD/YYYY
Date Of Service - MM/DD/YYYY HH:MM
Provider Name
X-Ray
Hospital Acct Number
CT ABD/PEL ORAL CONT - 8
CT ABD/PELVIS NO CONTRAST - 24
CT ABD/PELVIS W/O CO - 2
CT ABD/PELVIS WITH C - 1
CT ABD/PELVIS WITH CONTRAST - 47
CT ABDOMEN CONTRAST - 1
CT AORTIC DISSECTION - 5
CT BRAIN CONTRAST - 5
CT BRAIN NO CONTRAST - 96
CT BRAIN STROKE ALER - 1
CT BRAIN STROKE ALERT - 1
CT CERVICAL SPINE NO - 1
CT CERVICAL SPINE NO CONTRAST - 29
CT CHEST CONTRAST - 12
CT CHEST NO CONTRAST - 1
CT CHEST WITH CONTRAST - 5
CT CHEST/ABD WITH CONTRAST - 5
CT CHEST/ABD/PEL W/C - 1
CT CHEST/ABD/PEL WITH CONTRAST - 6
CT FACIAL NO CONTRAST - 22
CT LOWER EXT NO CONTRAST - 2
CT LUMBAR NO CONTRAST - 2
CT NECK CONTRAST (SOFT TISSUE) - 1
CT NECK NO CONTRAST - 1
CT NECK WITH CONTRAST (SOFT TISSUE)
CT ORBITS NO CONTRAST - 1
Total Above List By
X-Ray
Providers
Hide Headers and Footers
Cancel
Process

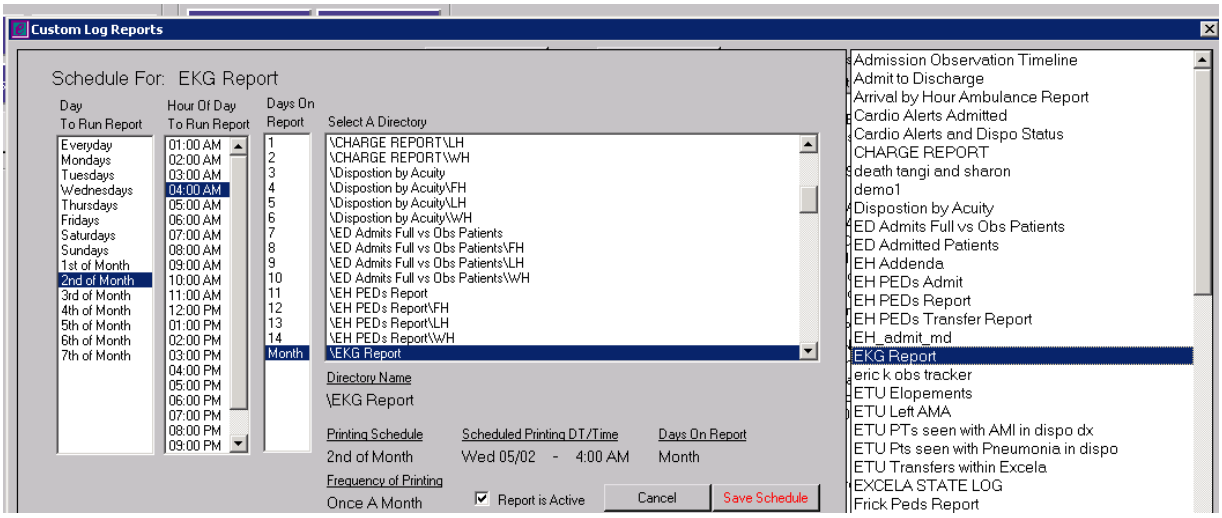
Custom Log Reports



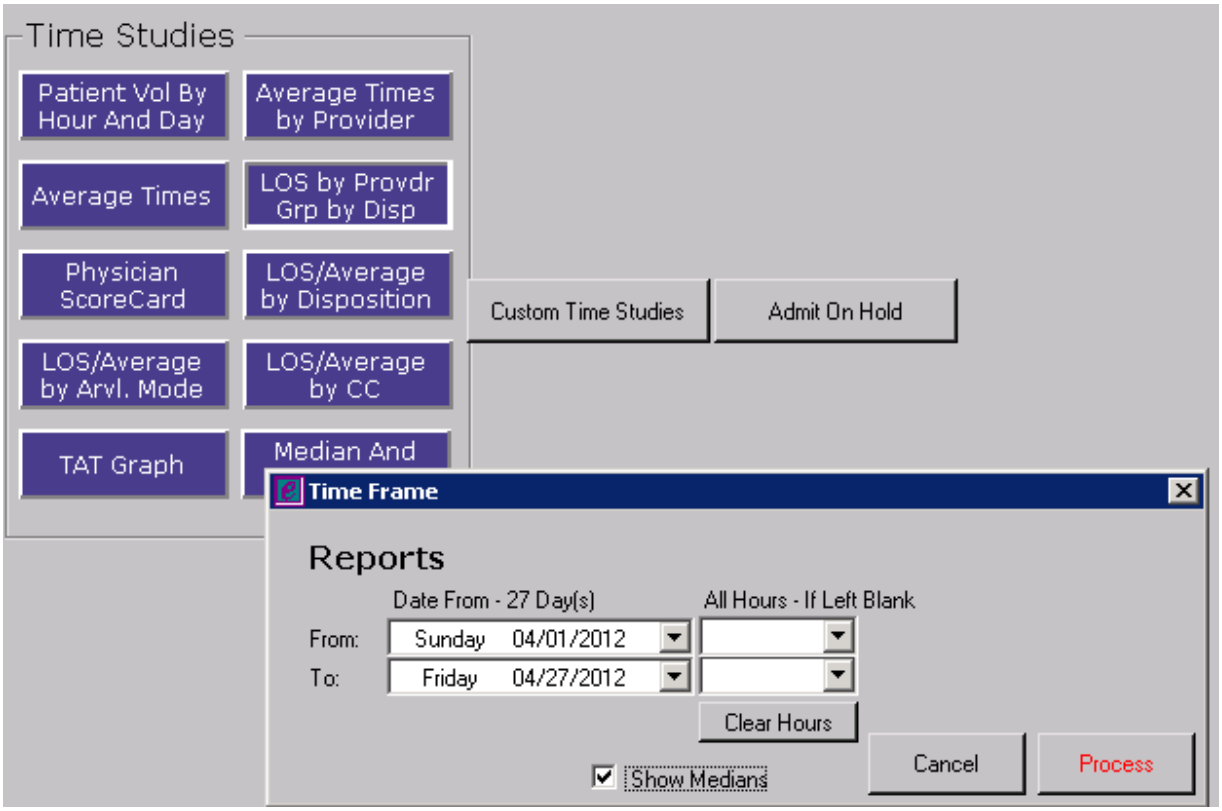


Excela Health Frick Hospital
508 South Church St Mount Pleasant, PA 15666
From 3/1/2012 12:00 AM To 3/31/2012 11:59 PM - EKG Report

PATIENT NAME	DOS	TIME IN	CHIEF COMPLAINT	ALERTS	EKG DT/TM	EKG TIME
	3-24-12	01:20 PM	Weakness	Routine	3-24 01:59 PM	39 Minutes
	3-15-12	08:55 AM	Abdominal pain	Routine	3-15 09:18 AM	23 Minutes
	3-02-12	02:40 PM	Abdominal pain	Routine	3-02 02:52 PM	12 Minutes
	3-21-12	09:45 PM	Chest pain	Cardio	3-21 09:48 PM	3 Minutes
	3-20-12	03:15 PM	Cough	Routine	3-20 03:41 PM	26 Minutes
	3-04-12	01:04 AM	Chest pain	Routine	3-04 01:13 AM	9 Minutes
	3-27-12	10:06 AM	Hypertension		3-27 10:31 AM	25 Minutes
	3-11-12	05:54 PM	Dizziness	Routine	3-11 06:26 PM	32 Minutes
	3-15-12	12:20 PM	Foot problem	Routine	3-15 12:46 PM	26 Minutes
	3-14-12	02:52 AM	Hypertension	Routine	3-14 03:06 AM	14 Minutes
	3-18-12	08:44 PM	Allergic reaction	Routine	3-18 09:32 PM	48 Minutes
	3-16-12	12:20 PM	Behavioral problem	Routine	3-16 12:30 PM	10 Minutes
	3-13-12	11:17 PM	Extremity swelling or pain	Routine	3-14 12:46 AM	89 Minutes
	3-02-12	11:16 PM	Chest pain	Cardio	3-02 11:18 PM	2 Minutes
	3-15-12	05:02 PM	Stroke	Stroke	3-15 05:22 PM	20 Minutes
	3-30-12	10:46 AM	URI	Routine	3-30 11:31 AM	45 Minutes
	3-14-12	08:04 PM	Shortness of breath	Routine	3-14 08:17 PM	13 Minutes
	3-31-12	11:29 AM	Seizure	Routine	3-31 12:01 PM	32 Minutes
	3-05-12	02:55 PM	Shortness of breath	Routine	3-05 03:02 PM	7 Minutes
	3-11-12	04:26 PM	Shortness of breath	Routine	3-11 04:36 PM	10 Minutes
	3-21-12	04:23 PM	Weakness	Routine	3-21 04:40 PM	17 Minutes
	3-01-12	07:49 PM	Chest pain	Cardio	3-01 07:47 PM	-2 Minutes
	3-26-12	11:18 PM	Chest pain	Cardio	3-26 11:23 PM	5 Minutes
	3-21-12	10:29 AM	Chest pain	Cardio	3-21 10:36 AM	7 Minutes
	3-07-12	02:04 PM	Shortness of breath	Routine	3-07 02:38 PM	34 Minutes



LOS by Provider Group by Disposition



	Patient Count	Average LOS	Median LOS
Admit. - Full	23	04:60	04:29
Admit. - Observ	4	04:10	04:50
Admitted	1	06:10	06:10
AMA	3	04:42	04:53
Deceased	1	15:43	15:43
Discharged	83	02:57	02:26
DOA	1	02:09	02:09
Transferred	7	04:29	03:54
Totals	**123**	**03:37**	

	Patient Count	Average LOS	Median LOS
Admit. - Full	17	04:46	03:23
Admit. - Observ	1	02:26	02:26
AMA	1	01:50	01:50
Discharged	62	02:02	01:40
ELOPED	1	02:11	02:11
Transferred	5	03:39	02:00
Totals	**87**	**02:40**	

	Patient Count	Average LOS	Median LOS
Admit. - Full	3	02:13	02:22
Discharged	21	01:55	01:38
Transferred	1	02:10	02:10
Totals	**25**	**01:58**	

	Patient Count	Average LOS	Median LOS
Admit. - Full	25	03:17	03:10
Admit. - Observ	10	03:37	03:30
Discharged	148	01:45	01:26
Transferred	3	04:55	05:03

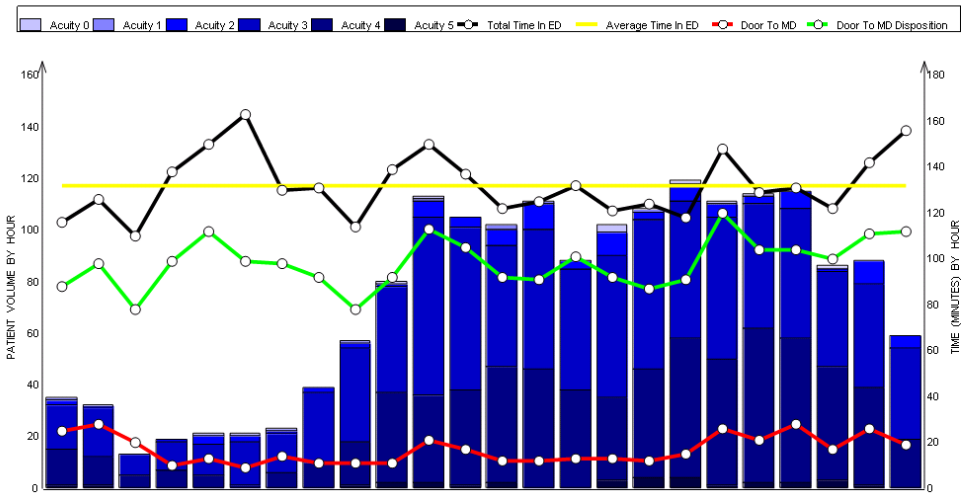
Physician Scorecard

Physician Scorecard From Sunday, April 01, 2012 12:00 AM To Friday, April 27, 2012 11:59 PM

Provider	Visits	Average Wait To See Doctor	Average Doctor To Disposition	Median Wait To See Doctor	Median Doctor To Disposition
[redacted]	11	00:06			
	46	00:12	01:27	00:07	01:09
	123	00:35	02:10	00:20	01:45
	46	00:43	01:50	00:32	01:28
	25	00:06	01:16	00:04	01:01
	87	00:17	01:35	00:10	01:11
	25	00:30	01:00	00:24	00:53
	254	00:15	01:04	00:09	00:51
	186	00:08	01:24	00:07	01:11
	139	00:15	01:00	00:06	00:51
	44	00:08	01:06	00:07	01:04
	5	00:13	01:57	00:05	00:54
	96	00:17	01:32	00:10	01:29
	61	00:18	01:45	00:08	01:41
	38	00:20	01:29	00:09	01:25
	40	00:14	01:14	00:07	01:07
	1				
	51	00:11	01:01	00:05	01:03
	35	00:07	00:54	00:05	00:49
	209	00:18	01:18	00:12	01:08
	252	00:24	01:19	00:14	00:55
Totals:	1,774	00:18	01:21	00:10	01:03

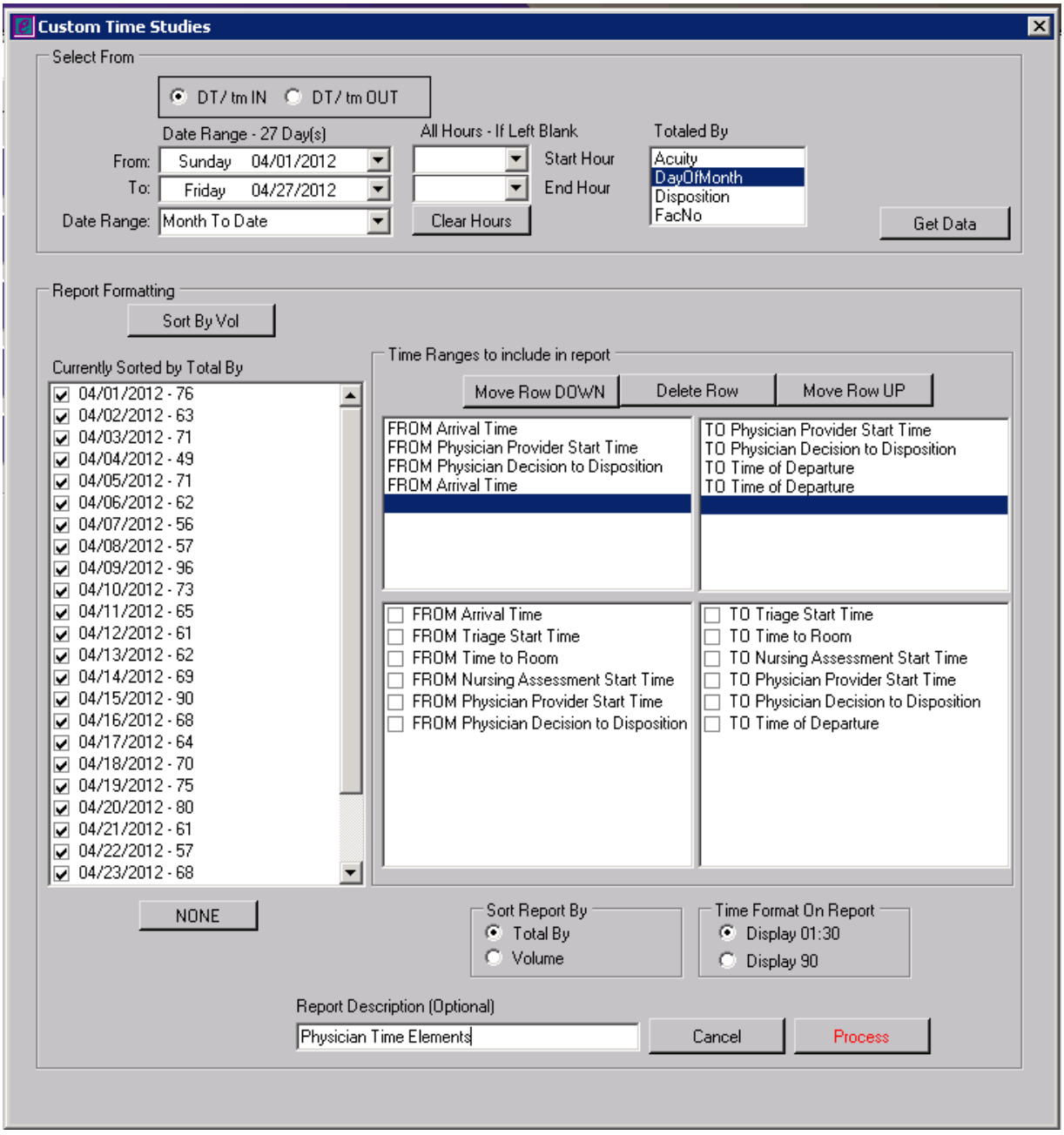
TAT Graph

Turn Around Time and Volume By Hour of Day From 4/1/2012 To 4/27/2012



Hour Of Day	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Overall
Avg Volume	1	1	0	1	1	1	1	1	2	3	4	4	4	4	3	4	4	4	4	4	4	3	3	2	3
Volume	35	32	13	19	21	21	23	39	57	80	113	105	102	111	88	102	108	119	111	114	115	86	88	59	73
Total Time in ED	01:56	02:06	01:50	02:18	02:30	02:43	02:10	02:11	01:54	02:19	02:30	02:17	02:02	02:05	02:12	02:01	02:04	01:58	02:28	02:09	02:11	02:02	02:22	02:36	02:12
Door To MD Disp	01:28	01:38	01:18	01:39	01:52	01:39	01:38	01:32	01:18	01:32	01:53	01:45	01:32	01:31	01:41	01:32	01:27	01:31	02:00	01:44	01:44	01:40	01:51	01:52	01:40
Door To MD	00:25	00:28	00:20	00:10	00:13	00:09	00:14	00:11	00:11	00:11	00:21	00:17	00:12	00:12	00:13	00:13	00:12	00:15	00:26	00:21	00:28	00:17	00:26	00:19	00:18

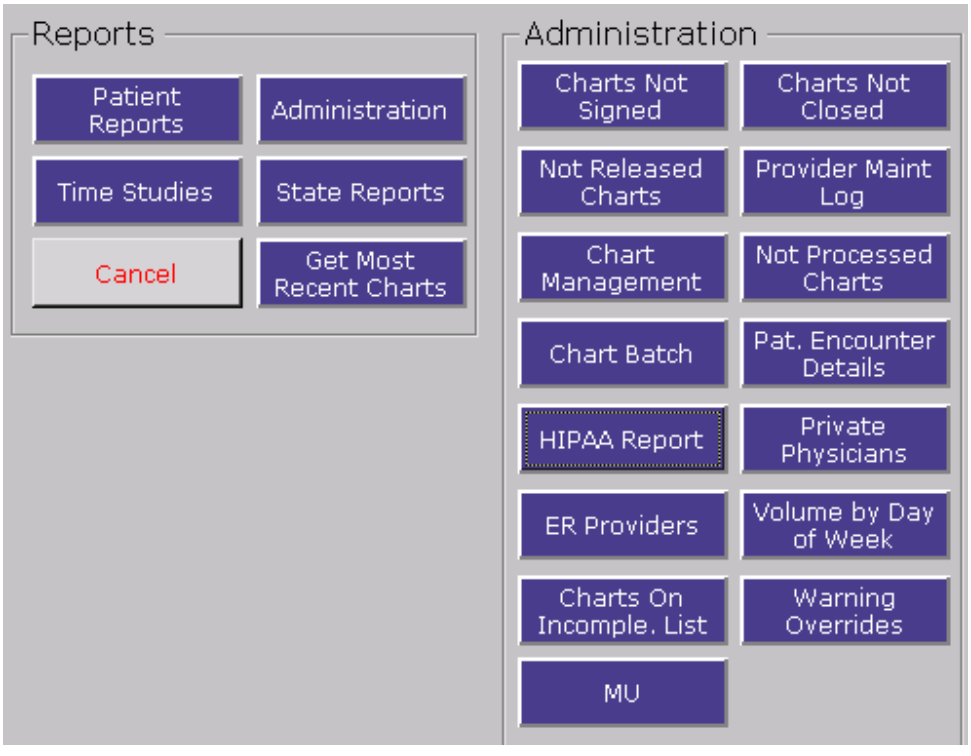
Custom Time Studies



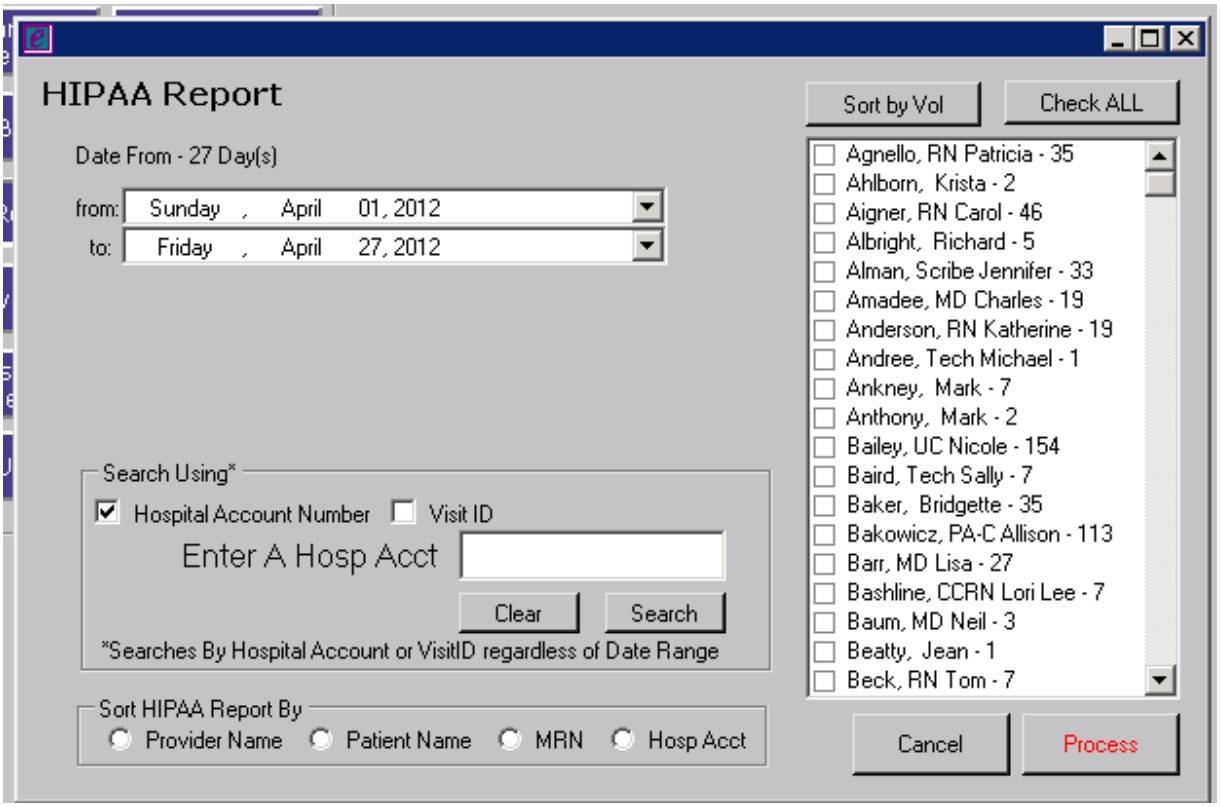
4/1/2012 To 4/27/2012 11:59:00 PM
Physician Time Elements

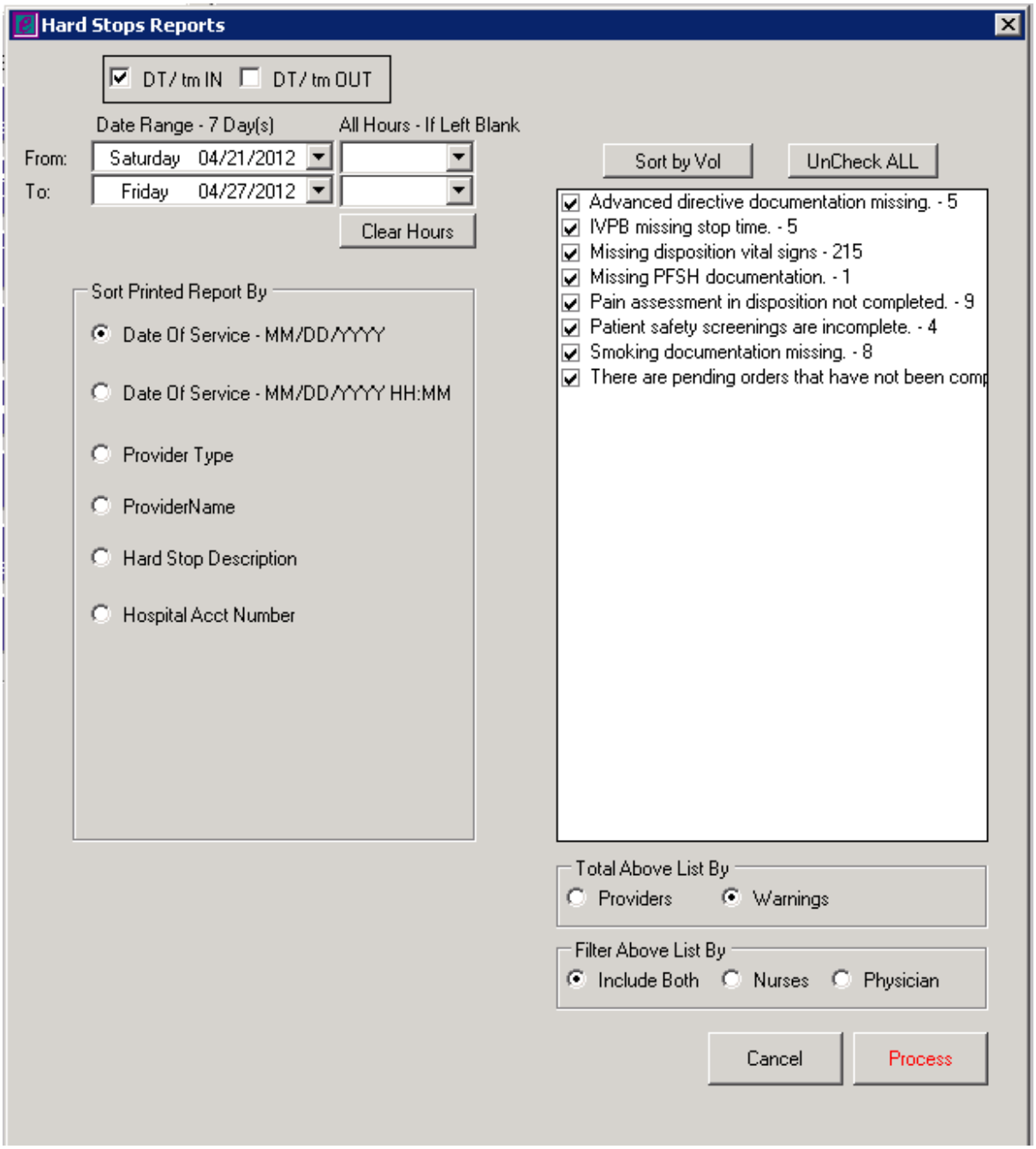
Totaled By	Volume	Time In TO See Phys.	See Phys. TO Phys Disp.	Phys Disp. TO Time Left	Time In TO Time Left
04/01/2012	76	00:08	01:04	00:27	01:39
04/02/2012	63	00:07	01:14	00:20	01:41
04/03/2012	71	00:16	01:41	00:32	02:29
04/04/2012	49	00:09	01:16	00:50	02:15
04/05/2012	71	00:21	01:34	00:36	02:31
04/06/2012	62	00:26	01:34	00:34	02:34
04/07/2012	56	00:10	01:38	00:29	02:17
04/08/2012	57	00:12	01:01	00:33	01:46
04/09/2012	96	00:31	01:36	00:37	02:44
04/10/2012	73	00:19	01:27	00:28	02:14
04/11/2012	65	00:28	01:09	00:28	02:05
04/12/2012	61	00:09	01:20	00:25	01:54
04/13/2012	62	00:25	01:37	00:26	02:28
04/14/2012	69	00:28	01:20	00:28	02:16
04/15/2012	90	00:46	01:44	00:32	03:02
04/16/2012	68	00:11	01:15	00:51	02:17
04/17/2012	64	00:10	01:07	00:23	01:40
04/18/2012	70	00:31	01:42	00:51	03:04
04/19/2012	75	00:18	01:25	00:32	02:15
04/20/2012	80	00:08	01:26	00:33	02:07
04/21/2012	61	00:11	01:04	00:30	01:45
04/22/2012	57	00:05	00:55	00:36	01:36
04/23/2012	68	00:09	01:19	00:28	01:56
04/24/2012	60	00:15	01:14	00:28	01:57
04/25/2012	69	00:18	01:02	00:28	01:48
04/26/2012	65	00:18	01:18	00:32	02:08

Administrative Reporting Options

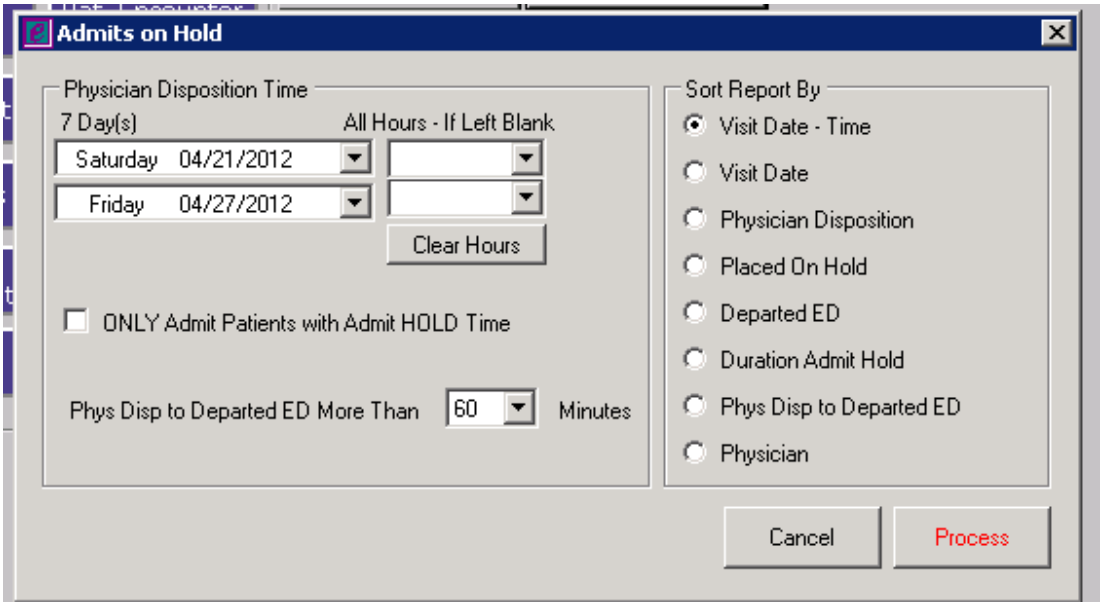


HIPAA Report Options




Hard Stops Reports
DT/ tm IN
DT/ tm OUT
Date Range - 7 Day(s)
All Hours - If Left Blank
From:
Saturday 04/21/2012
To:
Friday 04/27/2012
Clear Hours
Sort Printed Report By
Date Of Service - MM/DD/YYYY
Date Of Service - MM/DD/YYYY HH:MM
Provider Type
ProviderName
Hard Stop Description
Hospital Acct Number
Sort by Vol
UnCheck ALL
Advanced directive documentation missing. - 5
IVPB missing stop time. - 5
Missing disposition vital signs - 215
Missing PFSH documentation. - 1
Pain assessment in disposition not completed. - 9
Patient safety screenings are incomplete. - 4
Smoking documentation missing. - 8
There are pending orders that have not been comp
Total Above List By
Providers
Warnings
Filter Above List By
Include Both
Nurses
Physician
Cancel
Process

Admits on Hold



Admits On Hold Report For - Saturday, April 21, 2012 12:00 AM To Friday, April 27, 2012 11:59 PM - sorted By Visit Date - Time
ONLY Admit Patients with Phys Disp to Departed ED Times > 60 Minutes

Visit Date	Hosp Acct	MRN	Patient Name	Status	Phys Dispo	Admit Hold	Departed ED	Admit Hold To Departed ED	Phys Disp To Departed ED	Phys Name
04/21 03:23				Admit. - Full	04/21 06:10		04/21 08:50		02:40	
04/21 12:19				Admit. - Full	04/21 14:12		04/21 15:15		01:03	
04/21 22:23				Admit. - Full	04/22 00:14		04/22 01:38		01:24	
04/22 05:49				Admit. - Observ	04/22 08:14	04/22 08:23	04/22 20:14	11:51	12:00	
04/22 14:44				Admit. - Observ	04/22 15:46	04/22 15:46	04/22 17:32	01:46	01:46	
04/22 16:19				Admit. - Full	04/22 18:44		04/22 19:55		01:11	
04/24 11:07				Admit. - Full	04/24 12:35		04/24 14:03		01:28	
04/24 12:35				Admit. - Full	04/24 16:39		04/24 17:50		01:11	
04/24 15:37				Admit. - Full	04/24 17:35		04/24 18:54		01:19	
04/24 16:07				Admit. - Full	04/24 17:59		04/24 19:10		01:11	
04/24 19:34				Admit. - Full	04/24 21:44		04/24 23:07		01:23	
04/24 22:11				Admit. - Full	04/24 23:25		04/25 00:26		01:01	
04/25 07:23				Admit. - Full	04/25 08:52		04/25 10:00		01:08	
04/25 13:45				Admit. - Observ	04/25 15:56		04/25 17:14		01:18	
04/25 16:08				Admit. - Observ	04/25 17:45		04/25 19:25		01:40	
04/26 07:42				Admit. - Full	04/26 09:12	04/26 10:49	04/26 10:25		01:13	
04/26 09:32				Admit. - Full	04/26 12:05		04/26 14:22		02:17	
04/26 11:06				Admit. - Full	04/26 12:44		04/26 13:49		01:05	