

Group Administrator Views of NHSN MDRO Module

The screenshot shows a Microsoft Internet Explorer browser window displaying the CDC Public Health Partners website. The address bar shows the URL: https://nhsn.cdc.gov/communitu/pages/ac/whc_list.asp. The page header includes the CDC logo and the text "Public Health Partners". Below the header, there is a navigation bar with links for "Partners Home", "My Preferences", and "Help | Logout". The main content area is divided into several sections:

- My Applications:** Includes "National Healthcare Safety Network (NHSN)" and "Request Additional Activities".
- Electronic Reference:** A search interface with a "Database" dropdown set to "PubMed" and a "Search" button.
- This Week in MMWR:** A section for "September 4, 2009 / Vol. 58 / No. 34" with links to various surveillance reports.
- Recommendations and Reports:** A list of reports from September 4, 2009, to April 17, 2009.
- Emerging Infectious Diseases Journal:** Information about the current issue, "Volume 15, Number 9—September 2009".
- Preventing Chronic Disease Journal:** Information about the 2009 issue, "Volume 6, Issue 3".

The screenshot shows the NHSN Landing Page. The header includes the CDC logo and the text "Department of Health and Human Services" and "Centers for Disease Control and Prevention". Below the header, there is a navigation bar with the text "NHSN - National Healthcare Safety Network" and a "Contact us" link. The main content area features a large heading: "Welcome to the NHSN Landing Page". Below this heading, there is a message: "Select a facility and component, then click Submit to go to the Home Page." The form consists of three dropdown menus:

- Select facility/group from dropdown list:** The selected option is "Grp. Health Services Advisory Group (ID 14330)".
- Select facility within the above group:** The selected option is "All Facilities".
- Select component:** The selected option is "Patient Safety".

Below the dropdown menus is a "Submit" button. At the bottom of the page, there is a small icon for "Get Adobe Reader" and a link: "Get Adobe Acrobat Reader for PDF files".

Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network

Logged into Health Services Advisory Group (ID 14332) as CCHAP2M.
All Facilities Selected.

NHSN Patient Safety Component Home Page

Use the Navigation bar on the left to access the features of the application.

Assurance of Confidentiality: The information obtained in this surveillance system that would permit identification of any individual or institution is collected with a guarantee that it will be held in strict confidence, will be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the individual, or the institution in accordance with Sections 304, 306 and 308(d) of the Public Health Service Act (42 USC 242b, 242c, and 242m (2)).

NHSN maintenance may occur nightly between 12am and 6am Eastern time.

[Get Adobe Acrobat Reader for PDF files](#)

Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network

Logged into Health Services Advisory Group (ID 14332) as CCHAP2M.
Facility Scottsdale Healthcare Thompson Peak (ID 13718) is following the PS component.

Find Monthly Reporting Plan

[HELP](#)

- Enter search criteria and click Find
- Fewer criteria will return a broader result set
- More criteria will return a narrower result set

Facility ID:

Month:

Year:

NHSN Home | National Healthcare Safety Network | Logged into Health Services Advisory Group (ID 14330) as CCHAPIN. Facility Scottsdale Healthcare Thompson Peak (ID 13718) is following the PS component.

View Monthly Reporting Plan

[Print PDF Form](#)

Mandatory fields marked with *

Facility ID*: Scottsdale Healthcare Thompson Peak (13718)
 Month*: July
 Year*: 2009

Device-Associated Module [HELP](#)
 Locations CL A BSI DE VAP CAUTI CLIP

Procedure-Associated Module [HELP](#)
 Procedures SSI Post-procedure PNEU
 KPRO - Knee prosthesis IN - Inpatient
 HPRO - Hip prosthesis IN - Inpatient

Medication-Associated Module [HELP](#)
 Antimicrobial Use and Resistance
 Locations Microbiology Pharmacy

Multi-Drug Resistant Organism Module [HELP](#)
 Locations Setting Specific Organism Type
 SCU - SCU IN - Inpatient MRSA - MRSA
[Process and Outcome Measures](#)
 Infection Surveillance AST-Timing AST-Eligible Incidence Prevalence Lab ID Event HH GG
 X X

Patient Influenza Vaccination Module [HELP](#)
 Method A:
 Method B:

Previous Next Back

CDC Department of Health and Human Services Centers for Disease Control and Prevention
 NHSN National Healthcare Safety Network | NHSN Home | My Info | Contact us | Help | Log Out

NHSN Home | Logged into Health Services Advisory Group (ID 14330) as CCHAPIN. Facility Scottsdale Healthcare Thompson Peak (ID 13718) is following the PS component.

Find Event

[HELP](#)

- Enter search criteria and click Find
- Fewer criteria will return a broader result set
- More criteria will return a narrower result set

Event Information

Facility ID: Scottsdale Healthcare Thompson Peak (ID 13718)
 Event #:
 Event Type: All Event Types
 Location: SCU-SCU
 Date of Event: To:

Patient Information

Patient ID:
 Last Name:
 First Name:
 Social Security #:
 Secondary ID:

General Information

Completion Status:

Find Clear Back

CDC Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network | NHSN Home | My Info | Contact us | Help | Log Out

Logged into Health Services Advisory Group (ID 14930) as CCHAR2M.
Facility Scottsdale Healthcare Thompson Peak (ID 13718) is following the PS component.

Event List

Displaying 1 - 3 of 3

Facility ID	Event #	Event Type	Event Date	Last Name	First Name	Location	Patient ID	Social Security #	Secondary ID	Completion Status	Linked Events
13718	1757463	LABID	02/16/2009	****	****	SCU (SCU)	****	****	****		
13718	1775507	LABID	03/10/2009	****	****	SCU (SCU)	****	****	****		
13718	1775545	LABID	03/20/2009	****	****	SCU (SCU)	****	****	****		

First | Previous | Next | Last

New Search Back

NHSN 4.5.0.6 NHSN Event - Microsoft Internet Explorer provided by HSAG

https://sdh7.cdc.gov/hn/evntaction.do?method=fnxDetailsView&mode=view&orgId=13718&eventtype=LABID&customeventtype=...

View Event

Mandatory fields marked with *
Fields required for record completion marked with **
Fields required when in Plan marked with >

Patient Information

Facility ID*: Scottsdale Healthcare Thompson Peak (13718) Event #: 1775507
 Patient ID*: *****
 Social Security #: ***** Secondary ID: *****
 Last Name: ***** First Name: *****
 Middle Name: *****
 Gender*: ***** Date of Birth*: *****
 Ethnicity: *****
 Race: *****

Event Information

Event Type*: LABID - Laboratory-identified MDRO or CDAD Event
 Date Specimen Collected*: 03/10/2009
 Specific Organism Type*: MRSA - MRSA
 Outpatient*: N - No
 Specimen Source*: ETASP - Endotracheal tube specimen
 Date Admitted to Facility*: 03/05/2009
 Location*: SCU - SCU
 Date Admitted to Location*: 03/07/2009
 Documented prior evidence of previous infection or colonization with this specific organism type? (Y - Yes)
 Has patient been discharged from your facility in the past 3 months? (Y - Yes)
 Date of last discharge from your facility*: 01/26/2009

Custom Fields

Comments

NO PNEUMONIA, ASPIRATION EVENT 03/13/09. NO CXR, ON ADMIT. TO OR, FOR OBSTRUCTION, PROBABLE ONGOING EVENT PRIOR TO ADMISSION

Back

NHSN 4.5.0.6 Patient Safety Summary Data - Microsoft Internet Explorer provided by HSAG

https://sdn7.cdc.gov/nhsn/findsummarydata.do?method=showpage

File Edit View Favorites Tools Help

Page Safety Tools

NHSN 4.5.0.6 Patient Safety Summary Data

CDC Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network

logged into Health Services Advisory Group (ID: 14320) as CCHAPLN
Facility: Scottsdale Healthcare-Thompson Peak (ID: 13718) in following the PS component.

Patient Safety Summary Data

Enter search criteria

Summary Data Type: MDR0 Prevention Process and Outcome Measures Monthly Monitoring Form (MDRO)

Location Code: [ALL - All]

Month: July

Year: 2009

Find Clear Back

NHSN 4.5.0.6 MDR0 and CDAD Prevention Process and Outcome Measures Monthly Monitoring - Microsoft Internet Explorer prov...

https://sdn7.cdc.gov/nhsn/mdrodata.do?method=showpage&subaction=view&NHSNSessionID=3630

File Edit View Favorites Tools Help

Page Safety Tools

NHSN 4.5.0.6 MDR0 and CDAD Prevention Pr...

MDRO and CDAD Prevention Process and Outcome Measures Monthly Monitoring

Mandatory fields marked with *

Facility ID*: 13718 (Scottsdale Healthcare-Thompson Peak)

Location Code*: SCU - SCU

Month*: July

Year*: 2009

Print PDF Form

General

Setting: Inpatient Patient Days*: 129 Admissions*: 65

Setting: Outpatient (or Emergency Room) Encounters:

MDRO & CDAD Infection Surveillance or LabID Event Reporting

Specific Organism Type	MRSA	VRE	MDR-Klebsella	MDR-Acneobacter	C. difficile
Infection Surveillance	*X				
LabID Event	*X				

Process Measures

Hand Hygiene

Performed: Indicated:

Gown and Gloves

Used: Indicated:

Active Surveillance Testing (AST)

Active Surveillance Testing performed

Timing of AST

AST Eligible Patients

Admission AST

Performed

Eligible

Discharge/Transfer AST

Performed

Eligible

Outcome Measures

Prevalent Cases

AST/Clinical Positive

Known positive

Incident Cases

AST/Clinical Positive

This screenshot shows the 'Generate Data Sets' page in the NHSN 4.5.0.6 Analysis application. The browser window title is 'NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG'. The URL is https://sdn7.cdc.gov/nhsn/generatedatasets.do?method=showpage&navReset=true¤tmenu=menu_anal_gen&NHSNSessionID=. The page header includes the CDC logo and the text 'Department of Health and Human Services, Centers for Disease Control and Prevention'. The main content area is titled 'Generate Data Sets' and contains a table with the following data:

Date Last Generated	Action
Sep 9 2009 11:22PM	<input type="button" value="Generate Now"/>

Below the table, a message states: 'The data set generation process will take several minutes. Do not logoff or close this window while the process is running. You may minimize the browser window and work in other applications while you wait.' There is a 'Back' button below the message.

This screenshot shows the 'Patient Safety Component' page in the NHSN 4.5.0.6 Analysis application. The browser window title is 'NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG'. The URL is <https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=current>. The page header includes the CDC logo and the text 'Department of Health and Human Services, Centers for Disease Control and Prevention'. The main content area is titled 'Patient Safety Component' and contains a list of analysis output options:

- Device-Associated Module
- Procedure-Associated Module
- Medication-Associated Module
- HDRO/CDAD Module - Infection Surveillance
- HDRO/CDAD Module - LABID Event Reporting
- HDRO/CDAD Module - Process Measures
- HDRO/CDAD Module - Outcome Measures
- High Risk Inpatient Influenza Vaccination Module
- Advanced
- My Custom Output
- Published Output

This screenshot shows the NHSN 4.5.0.6 Analysis interface in Microsoft Internet Explorer. The browser title is "NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG". The address bar shows the URL: <https://sdh7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&opForUser=current>. The page header includes the CDC logo and "Department of Health and Human Services, Centers for Disease Control and Prevention". The main content area is titled "Patient Safety Component" and "Analysis Output Options". It features a tree view of analysis modules, including "Device-Associated Module", "Procedure-Associated Module", "Medication-Associated Module", "MDRO/CDAD Module - Infection Surveillance", "MDRO/CDAD Module - LABID Event Reporting", "MDRO/CDAD Module - Process Measures", "MDRO/CDAD Module - Outcome Measures", "High Risk Inpatient Influenza Vaccination Module", "Advanced", "My Custom Output", and "Published Output". A left sidebar contains navigation options like "NHSN Home", "Reporting Plan", "Event", "Summary Data", "Analysis", "Users", "Organization", and "Log Out".

This screenshot shows the NHSN 4.5.0.6 Analysis interface, similar to the first one, but with the "All MRSA HAI" option expanded. Under "All MRSA HAI", there is a sub-section for "Advanced Output" with the following options and controls:

- Line Listing for All MRSA HAI [Run] [Modify]
- Frequency Table for All MRSA HAI [Run] [Modify]
- Bar Chart for All MRSA HAI [Run] [Modify]
- Pie Chart for All MRSA HAI [Run] [Modify]
- Rate Table for MRSA HAI Data by Location [Run] [Modify]

The rest of the interface, including the browser window, CDC header, and navigation sidebar, remains the same as in the first screenshot.

NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG

https://sdm7.cdc.gov/nhsn/analysisrequest.do

NHSN Home Reporting Plan Event Summary Data Analysis Generate Data Sets Output Options Users Organization Log Out

Analysis Rate Table

Analysis Data Set: MDRO_Rates [Export Analysis Data Set](#)

Modify Attributes of the Output:

Last Modified On: 09/09/2009

Output Type: [Rate Table](#)

Output Name: [Rate Table for MRSA HAI Data by Location](#)

Output Title: [Rate Table - All MRSA HAI by Location](#)

Select output format:

Output Format: [HTML](#)

Use Variable Labels

Select a time period or Leave Blank for Cumulative Time Period:

Data Variable: [Beginning](#) [Ending](#) [Clear Time Period](#)

Enter Date variable/Time period at the time you click the Run button

Specify Other Selection Criteria:

[Show Criteria](#) [Column](#) [Row](#) [Clear Criteria](#)

specOpType					
= MRSA					

NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG

https://sdm7.cdc.gov/nhsn/analysisrequest.do

NHSN Home Reporting Plan Event Summary Data Analysis Generate Data Sets Output Options Users Organization Log Out

Export Output Options

Exporting data set MDRO_Rates: Select data export format

- Microsoft Access table (*.mdb)
- Microsoft Access table (*.mdb)
- Microsoft Access 97 table (*.mdb)
- delimited file (comma separated values) (*.csv)
- delimited file (tab-delimited values) (*.txt)
- Excel spreadsheet (*.xls)
- Excel 5.0 or 7.0 (95) spreadsheet (*.xls)
- gBASE 5.0 (V, file, file, file) files (*.dfl)
- SAS for Windows V7/8/9 (*.sas7bdat)

[Export](#) [Back](#)



NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG

https://sd17.cdc.gov/hsn/analysisrequest.do?method=doAnalysisRequests&appModule=PS&navReset=true&optForUser=current

File Edit View Favorites Tools Help

Page Safety Tools

NHSN 4.5.0.6 Analysis

CDC Department of Health and Human Services
Centers for Disease Control and Prevention

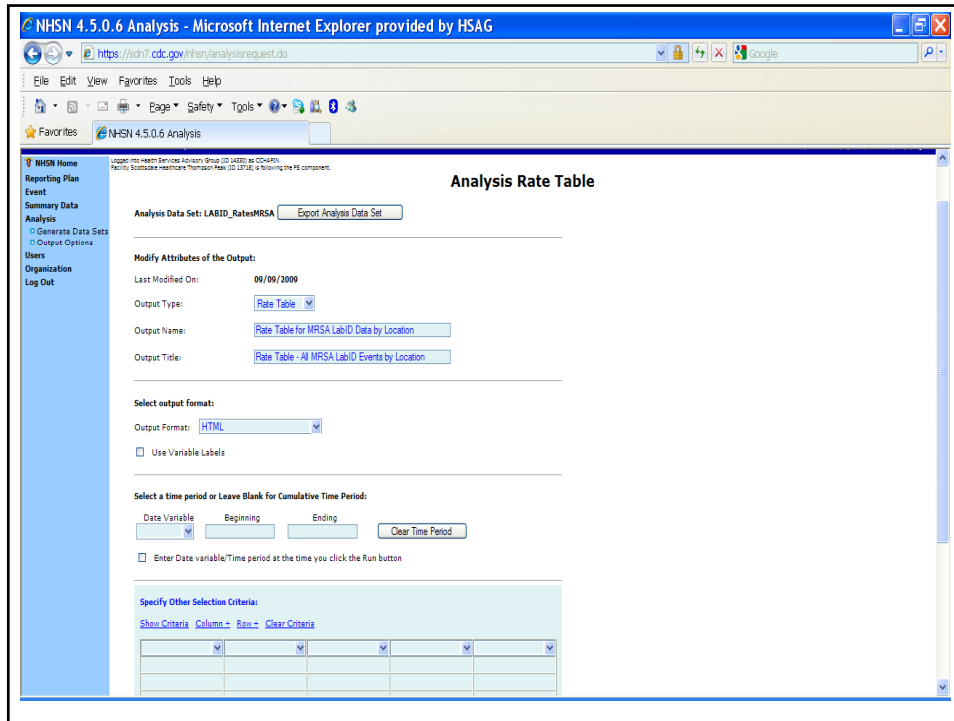
NHSN - National Healthcare Safety Network

Logged: NHS Health Services Advisory Panel (JG, LABD) at CC&M/ML
Home: Executive Dashboard, Home>NHSN (JG, LABD) > Viewing the PS component.

Patient Safety Component
Analysis Output Options

Expand All Collapse All

- Device-Associated Module
- Procedure-Associated Module
- Medication-Associated Module
- MDRO/CDAD Module - Infection Surveillance
- MDRO/CDAD Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - cdc online case
 - Line Listing for All MRSA LabID Events Run Modify
 - Frequency Table for All MRSA LabID Events Run Modify
 - Rear Chart for All MRSA LabID Events Run Modify
 - Pie Chart for All MRSA LabID Events Run Modify
 - Rate Table for MRSA LabID Data by Location Run Modify
 - All MSSA LabID Events
 - All C. difficile LabID Events
 - All VRE LabID Events
 - All Klebsiella LabID Events
 - All Acinetobacter LabID Events
- MDRO/CDAD Module - Process Measures
- MDRO/CDAD Module - Outcome Measures
- High Risk Inpatient Influenza Vaccination Module
- Advanced
- My Custom Output



This screenshot shows the 'Analysis Rate Table' interface in the NHSN 4.5.0.6 Analysis application. The browser window title is 'NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG'. The address bar shows the URL 'https://sdn7.cdc.gov/nhsn/analysisrequest.do'. The page header includes the NHSN logo and user information: 'Logged in: Health Services Advisory Group (ID: 4430) as COOAPN. Facility: Scottsdale Healthcare Thompson Peak (ID: 13718) is following the PE component.'

The main content area is titled 'Analysis Rate Table'. It features an 'Analysis Data Set' dropdown menu set to 'LABID_RatesMRSA' with an 'Export Analysis Data Set' button. Below this, there are sections for 'Modify Attributes of the Output', 'Select output format', and 'Select a time period or Leave Blank for Cumulative Time Period'. The 'Specify Other Selection Criteria' section includes a table with several columns and rows.

Analysis Rate Table

Analysis Data Set: LABID_RatesMRSA

Modify Attributes of the Output:

Last Modified On: 09/09/2009

Output Type:

Output Name:

Output Title:

Select output format:

Output Format:

Use Variable Labels

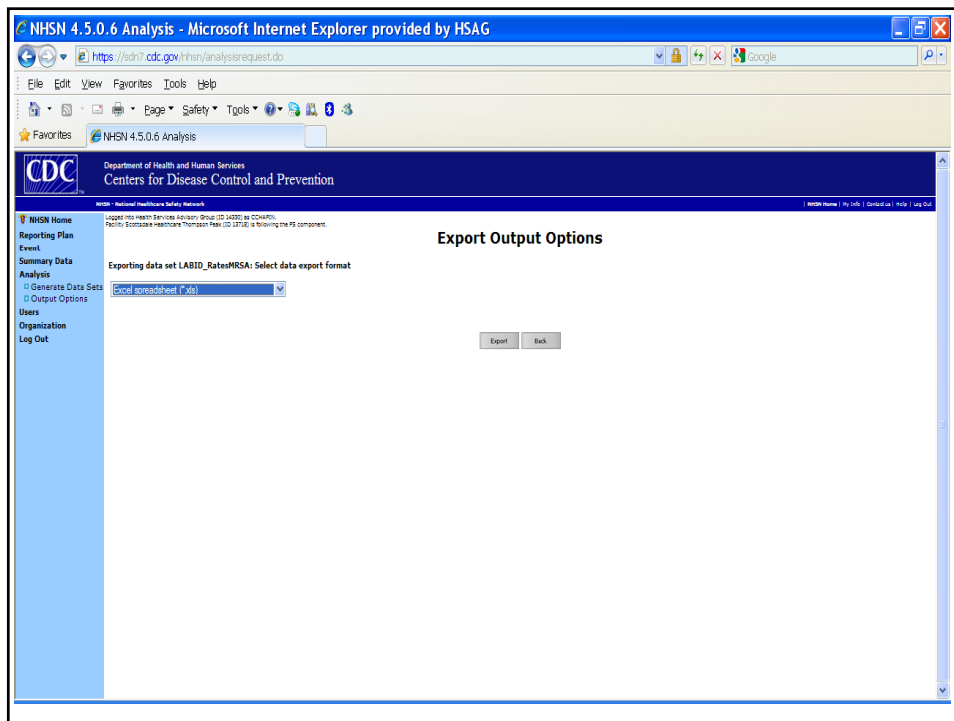
Select a time period or Leave Blank for Cumulative Time Period:

Date Variable: Beginning Ending

Enter Date variable/Time period at the time you click the Run button

Specify Other Selection Criteria:

[Show Criteria](#) [Column -](#) [Row -](#) [Clear Criteria](#)



This screenshot shows the 'Export Output Options' interface in the NHSN 4.5.0.6 Analysis application. The browser window title is 'NHSN 4.5.0.6 Analysis - Microsoft Internet Explorer provided by HSAG'. The address bar shows the URL 'https://sdn7.cdc.gov/nhsn/analysisrequest.do'. The page header includes the NHSN logo and user information: 'Logged in: Health Services Advisory Group (ID: 4430) as COOAPN. Facility: Scottsdale Healthcare Thompson Peak (ID: 13718) is following the PE component.'

The main content area is titled 'Export Output Options'. It features a dropdown menu for 'Exporting data set LABID_RatesMRSA: Select data export format' with 'Excel spreadsheet (.xls)' selected. Below this, there are 'Export' and 'Back' buttons.

Export Output Options

Exporting data set LABID_RatesMRSA: Select data export format



Project Metrics

The outcome measure for Infection Surveillance in the MDRO/CDAD Module is Metric #1

*MRSA Infection Incidence Rate or CMS-Infection Rate
(Rate Table for MRSA HAI by Location)*

The outcome measure for LabID Event Reporting in the MDRO/CDAD Module is Metric #2

*Overall MRSA Infection/Colonization Incidence Density Rate or
CMS-Transmission Rate
(Rate Table for MRSA Lab-ID Events by Location)*

Hospital-wide rights to PS-QIOSC		Unit-specific rights to PS-QIOSC			Metric 1 Baseline (4 months) completed			Metric 2 Baseline (4 months) completed		
Analyze	Summary Data	MDRO	LABID	ALLIE	Num	Den	Rate per 1,000	Num	Den	Rate per 1,000
Y	Y	Y	Y	Y	5	3,131	1.60	7	3,131	2.24
Y	Y	Y	Y	Y	1	799	1.25	2	799	2.50
Y	Y	Y	Y	Y	2	777	2.57	3	777	3.86
Y	Y	Y	Y	Y	2	823	2.43	3	823	3.64
Y	Y	N	N	N	.	.	.	.	.	.
N	N	N	N	N	.	.	.	.	.	.
N	N	N	N	N	.	.	.	.	.	.
N	N	N	N	N	.	.	.	.	.	.