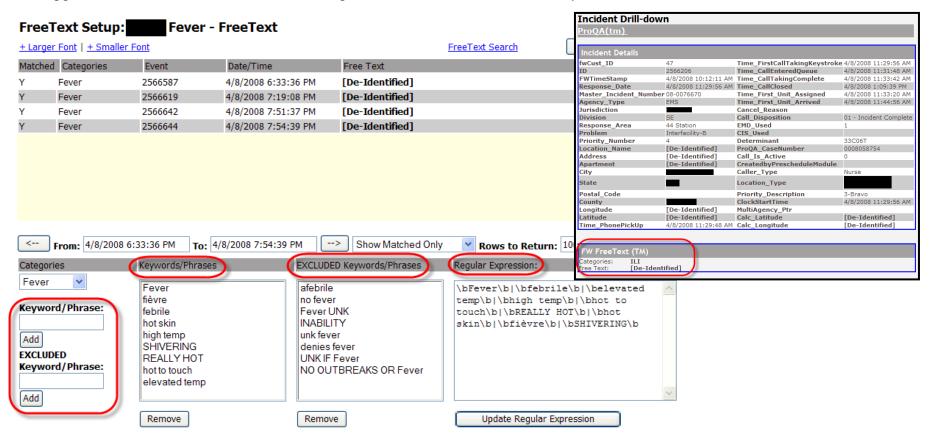# Free Text Analysis and Automated Alerting

FirstWatch can also analyze user-defined free text using keyword or phrase inclusion, exclusion, and regular expressions rules. Comprehensive trend analysis or sentinel event notifications can be generated using FirstWatch Free Text Triggers. In this case, the customer is using free text rules to mine and analyze fever related events.

FreeText Setup: ▇▇ **Fever - FreeText**

+ Larger Font | + Smaller Font   FreeText Search

Matched	Categories	Event	Date/Time	Free Text
Y	Fever	2566587	4/8/2008 6:33:36 PM	[De-Identified]
Y	Fever	2566619	4/8/2008 7:19:08 PM	[De-Identified]
Y	Fever	2566642	4/8/2008 7:51:37 PM	[De-Identified]
Y	Fever	2566644	4/8/2008 7:54:39 PM	[De-Identified]

<-- From: 4/8/2008 6:33:36 PM To: 4/8/2008 7:54:39 PM --> Show Matched Only Rows to Return: 10

Categories
Fever

Keyword/Phrase:
[Add]
EXCLUDED Keyword/Phrase:
[Add]

Keywords/Phrases
Fever
fièvre
febrile
hot skin
high temp
SHIVERING
REALLY HOT
hot to touch
elevated temp

EXCLUDED Keywords/Phrases
afebrile
no fever
Fever UNK
INABILITY
unk fever
denies fever
UNK IF Fever
NO OUTBREAKS OR Fever

Regular Expression:
\bFever\b|\bfebrile\b|\belevated temp\b|\bhigh temp\b|\bhot to touch\b|\bREALLY HOT\b|\bhot skin\b|\bfièvre\b|\bSHIVERING\b

[Remove]   [Remove]   [Update Regular Expression]

Server Time: 4/8/2008 5:51:49 PM PT
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Incident Drill-down
ProQA(tm)

Incident Details

fwCust_ID	47	Time_FirstCallTakingKeystroke	4/8/2008 11:29:56 AM
ID	2566206	Time_CallEnteredQueue	4/8/2008 11:31:48 AM
FWTimeStamp	4/8/2008 10:12:11 AM	Time_CallTakingComplete	4/8/2008 11:33:42 AM
Response_Date	4/8/2008 11:29:56 AM	Time_CallClosed	4/8/2008 1:09:39 PM
Master_Incident_Number	08-0076670	Time_First_Unit_Assigned	4/8/2008 11:33:20 AM
Agency_Type	EMS	Time_First_Unit_Arrived	4/8/2008 11:44:56 AM
Jurisdiction	▇▇	Cancel_Reason	
Division	SE	Call_Disposition	01 - Incident Complete
Response_Area	44 Station	EMD_Used	
Problem	Interfacility-B	CIS_Used	
Priority_Number	4	Determinant	33C06T
Location_Name	[De-Identified]	ProQA_CaseNumber	0008058754
Address	[De-Identified]	Call_Is_Active	0
Apartment	[De-Identified]	CreatedbyPrescheduleModule	
City	▇▇	Caller_Type	Nurse
State	▇▇	Location_Type	▇▇
Postal_Code		Priority_Description	3-Bravo
County	▇▇	ClockStartTime	4/8/2008 11:29:56 AM
Longitude	[De-Identified]	MultiAgency_Ptr	
Latitude	[De-Identified]	Calc_Latitude	[De-Identified]
Time_PhonePickUp	4/8/2008 11:29:48 AM	Calc_Longitude	[De-Identified]

FW FreeText (TM)
Categories: ILI
Free Text: [De-Identified]

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