

EMS Quality Indicators

for
PA EMS Region 4

Quality Leadership Working Group
Quality Improvement Program
Emergency Medical Service Institute
Pittsburgh, PA
www.emsi.org

Why now?

- Because for the first time, an intersection of technology and know-how has allowed us to:
 - Import state standard PCR data into Microsoft Access
 - Perform statistically valid data analyses using “BPCHART” tool

Why these analyses?

- NOT science
- Low-hanging fruit
- Business considerations

Agenda

- Predicates
- Performance
- Practitioners

Common factors

- Four years of data (2000-2003)
- Almost 1.8 million records
- Restricted to cases in EMSI counties
- Emergency + non-emergency cases

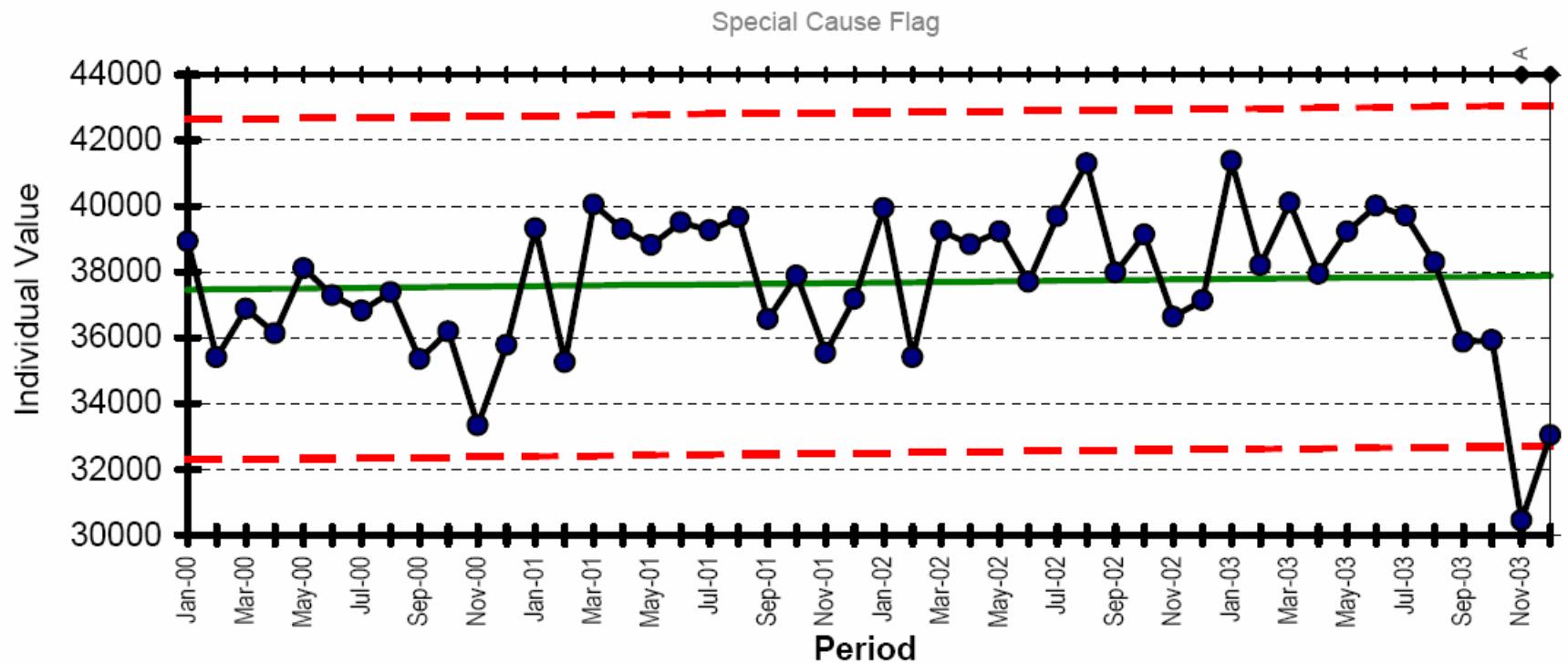
Caveats

1. Trend indications are hypotheses only. Simple linear trend hypotheses are included on all charts.
2. If the phrase "**There is poor evidence of a trend!!**" appears on a chart, the statistical tests applied by the charting tool indicate low confidence in the validity of the trend hypothesis.
3. The more "Special Cause Flags" on a chart, the less confidence one should have in the simple linear trend hypothesis that is indicated.
4. Data points in the last quarter of 2003 are not reliable -- some EMSCAN submissions from that period are still outstanding. All other data points are reliable.
5. The charts only include what is documented on EMSCAN records received by EMSI.

Predicates

- Number of cases
- Patient age
- Incident Location
- Incident Type
- Suspected Illness
- Response Outcome
- Bystander CPR

Num incidents



Special Cause(s) Detected

Last Center Value	37883.4226
Last Data Value	33036
Sigma for Limits	1,725
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 8.964 per period Annualized Slope = 107.6 per year

Database Column

1

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.698

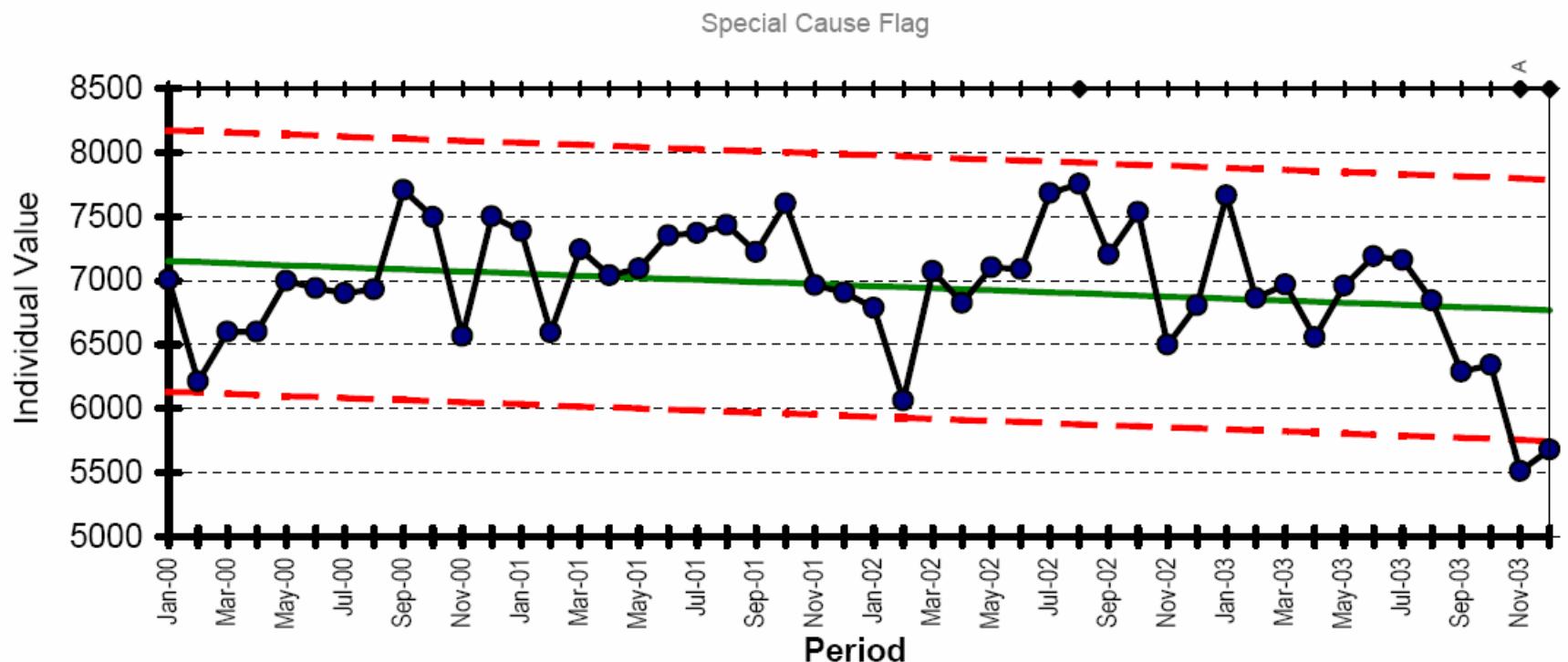
Slope/Center = 0.02366% Slope/Sigma = 0.005196 Center/Sigma = 21.96

PATIENT AGE

Absolute numbers

- Not entered
 - Under 5
 - 5-14
 - 15-24
 - 25-34
 - 35-44
 - 45-54
 - 55-64
 - 65-74
 - 75+
- Stratified in accordance with
Health Profile 2000 Demographic
Data published by PA DOH
- Health Statistics Bureau

Num not entered



Special Cause(s) Detected

Last Center Value	6770.75935
Last Data Value	5682
Sigma for Limits	340.5
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -8.157 per period Annualized Slope = -97.89 per year

Database Column

2

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

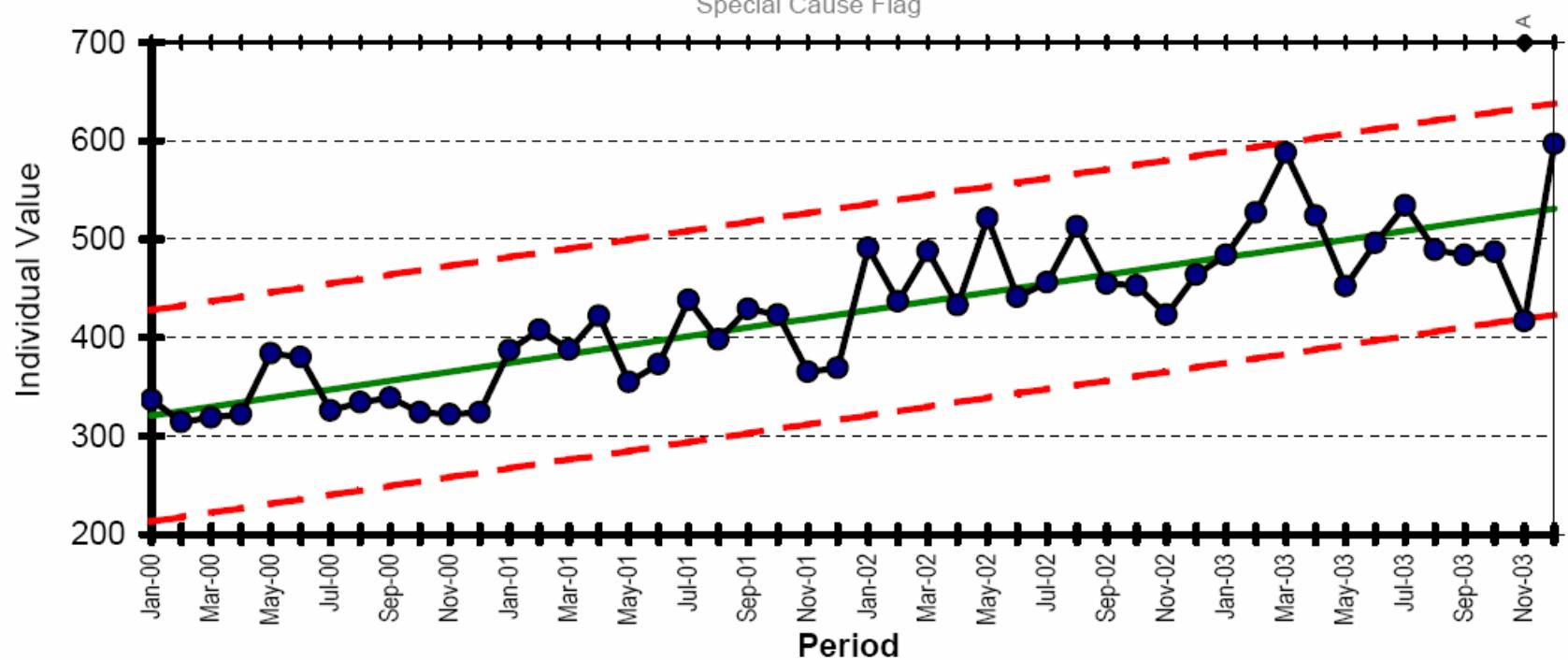
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.116

Slope/Center = -0.1205% Slope/Sigma = -0.02396

Center/Sigma = 19.88

Num <5



Special Cause(s) Detected

Last Center Value	530.869048
Last Data Value	597
Sigma for Limits	35.79
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 4.475 per period Annualized Slope = 53.70 per year

Database Column

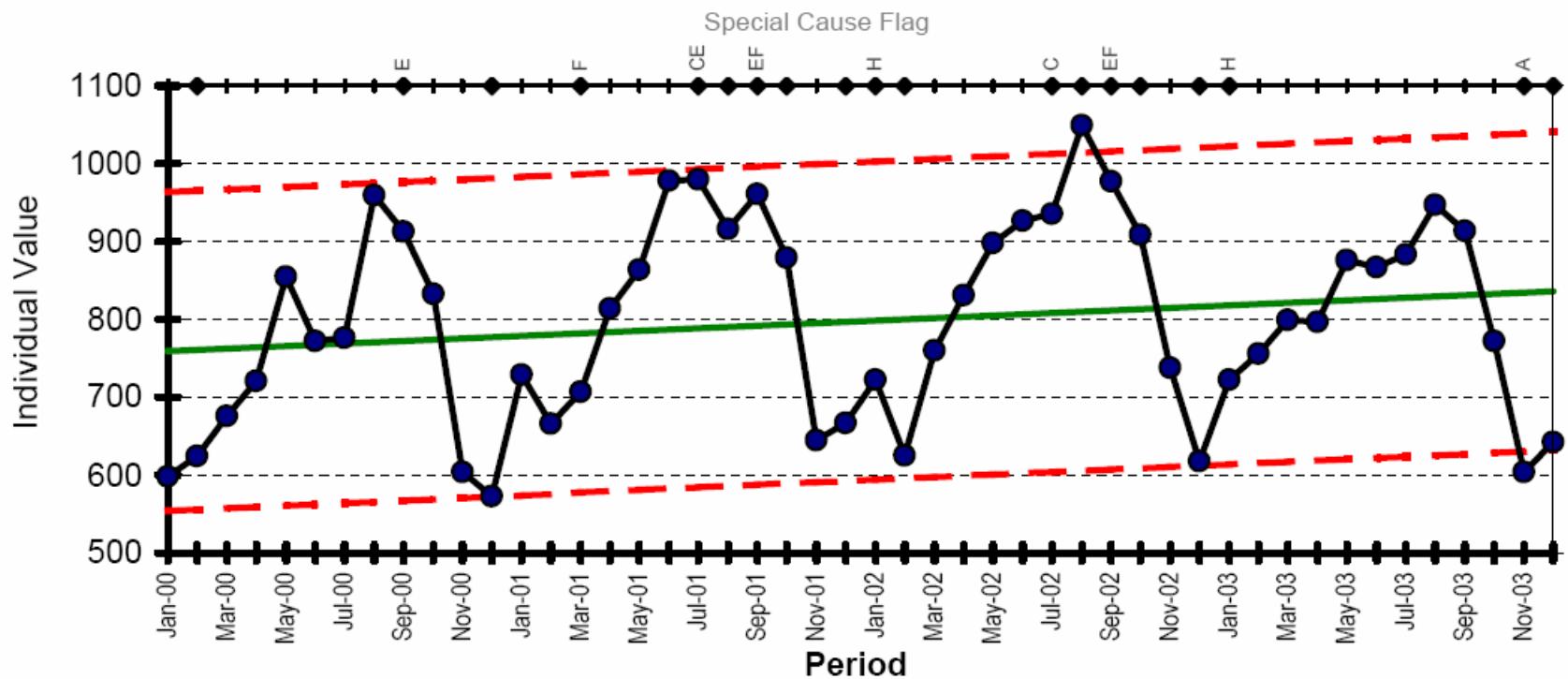
3

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma

Current prob of no trend = 0.000
 Slope/Center = 0.8429% Slope/Sigma = 0.1250 Center/Sigma = 14.83

Num 5-14



Special Cause(s) Detected

Last Center Value 835.921769
Last Data Value 642
Sigma for Limits 68.23
Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 1.636 per period Annualized Slope = 19.63 per year

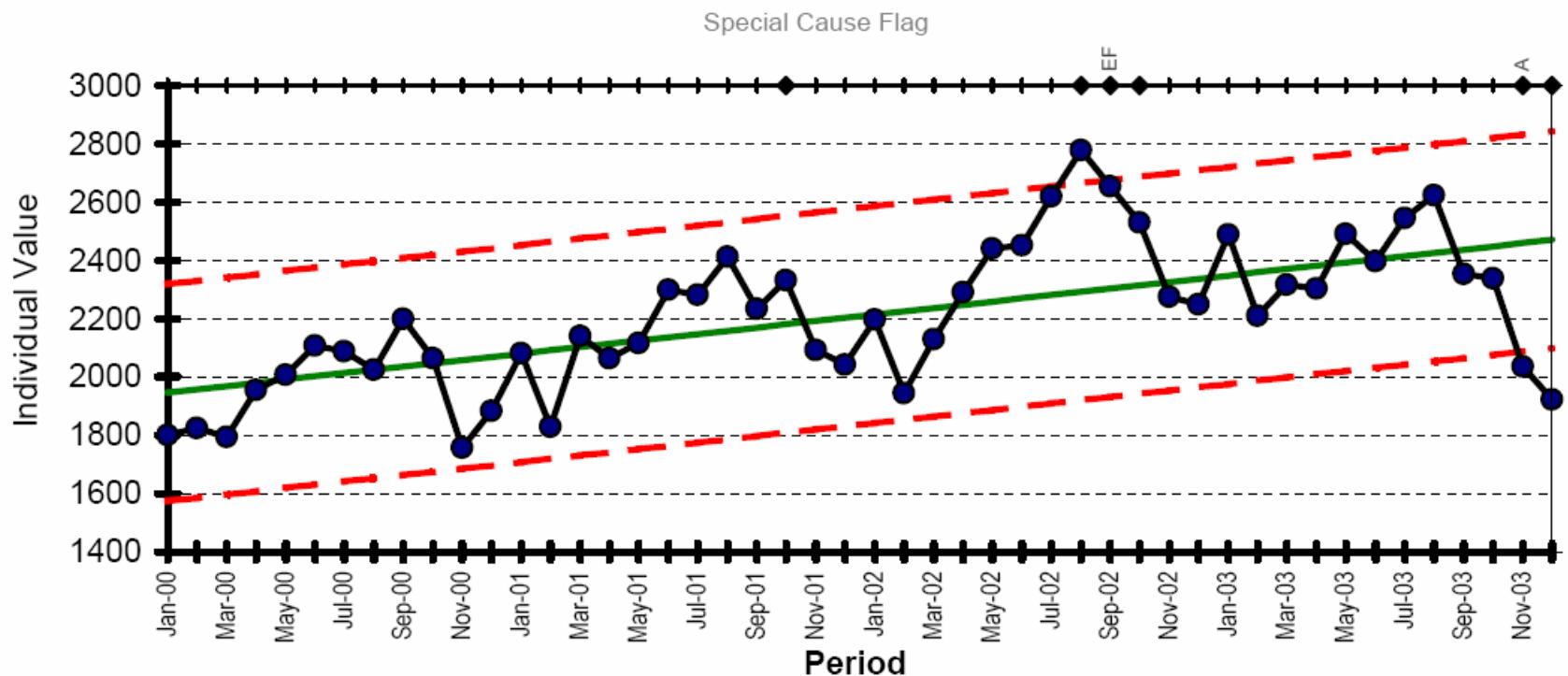
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.222
- Slope/Center = 0.1957% Slope/Sigma = 0.02398 Center/Sigma = 12.25

Database Column

4

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num 15-24



Special Cause(s) Detected

Last Center Value	2470.43112
Last Data Value	1922
Sigma for Limits	124.1
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 11.15 per period Annualized Slope = 133.8 per year

Database Column

5

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

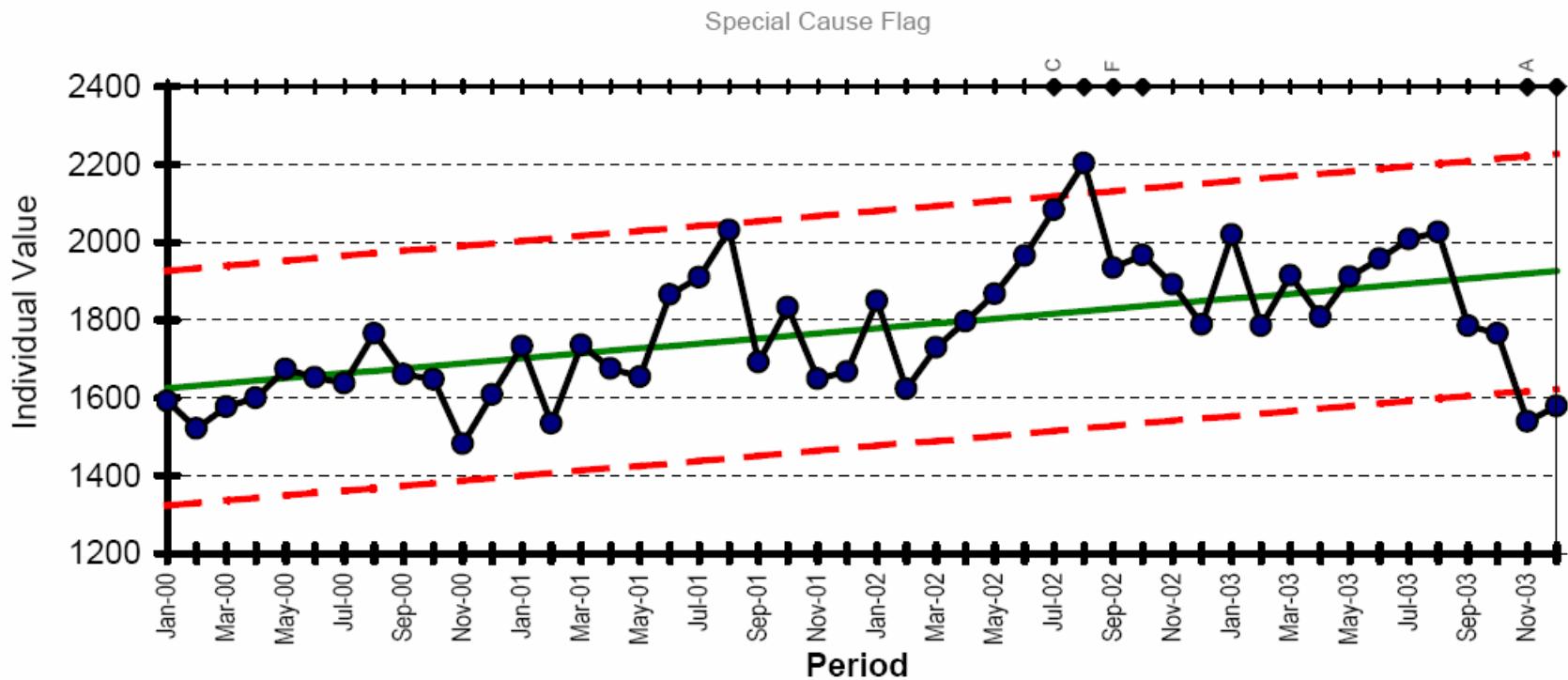
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000

Slope/Center = 0.4513% Slope/Sigma = 0.08984

Center/Sigma = 19.91

Num 25-34



Special Cause(s) Detected

Last Center Value	1925.41241
Last Data Value	1579
Sigma for Limits	100.6
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 6.394 per period Annualized Slope = 76.73 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = 0.3321% Slope/Sigma = 0.06356

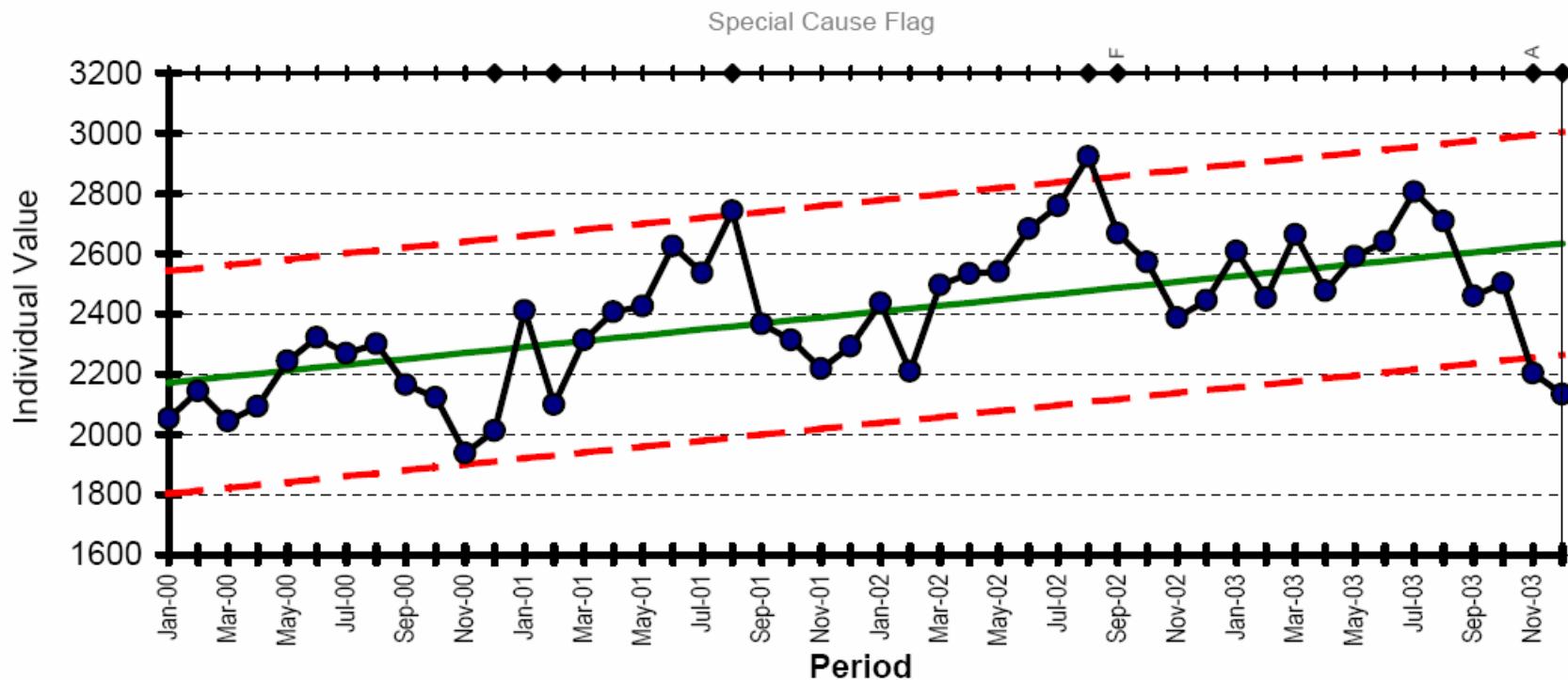
Database Column

6

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 19.14

Num 35-44



Special Cause(s) Detected

Last Center Value	2633.79167
Last Data Value	2132
Sigma for Limits	123.4
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 9.835 per period Annualized Slope = 118.0 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

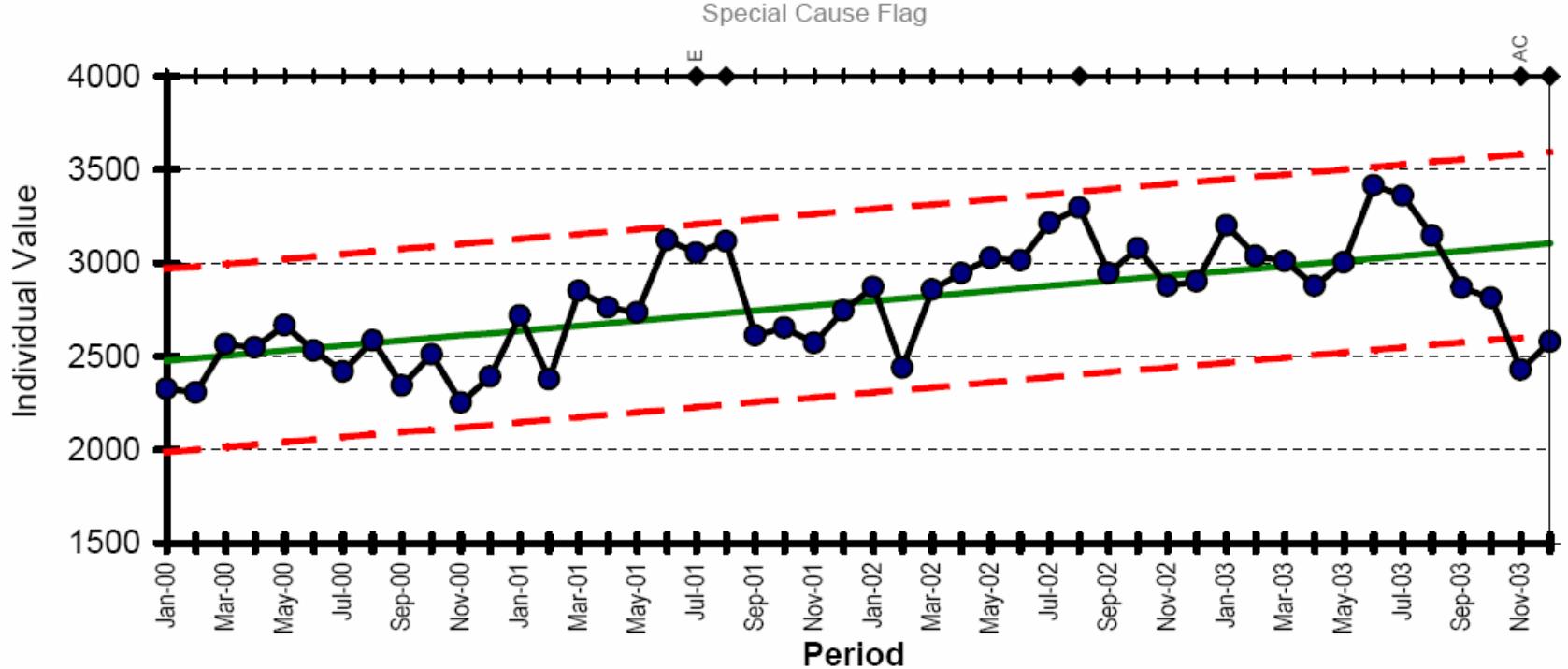
Slope/Center = 0.3734% Slope/Sigma = 0.07970

Database Column

7

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 21.35

Num 45-54



Special Cause(s) Detected

Last Center Value	3103.95918
Last Data Value	2578
Sigma for Limits	163.5
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 13.33 per period Annualized Slope = 159.9 per year

8

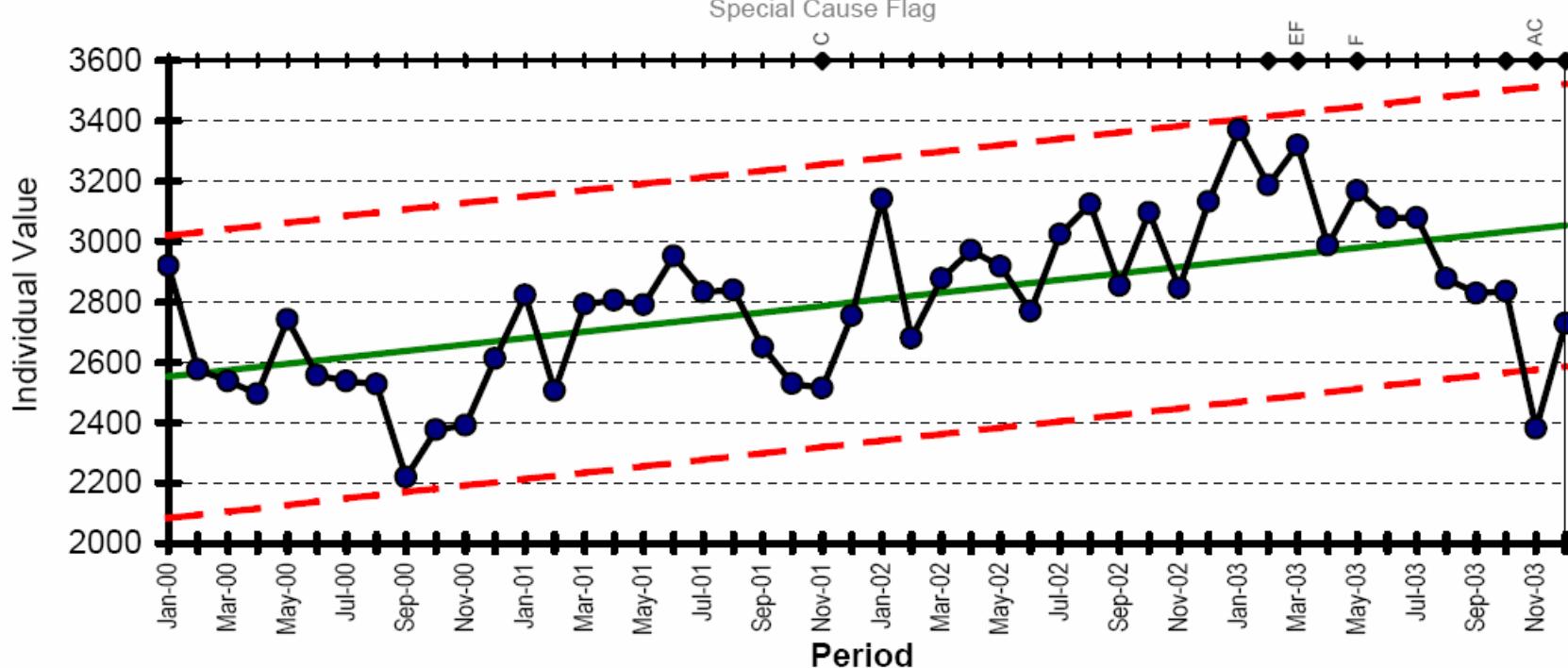
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = 0.4294% Slope/Sigma = 0.08152 Center/Sigma = 18.99

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num 55-64



Special Cause(s) Detected

Last Center Value	3054.29677
Last Data Value	2728
Sigma for Limits	156.2
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 10.68 per period Annualized Slope = 128.2 per year

Database Column

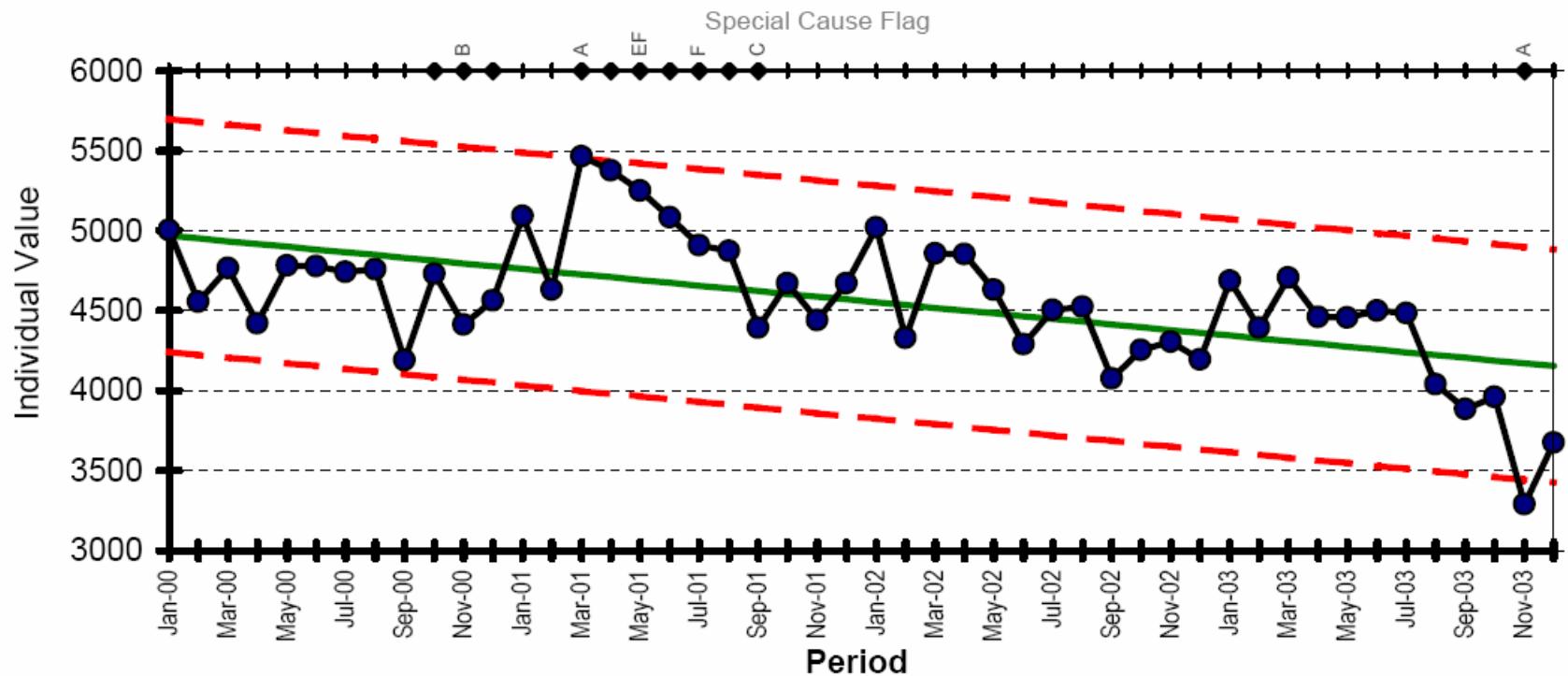
9

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000
 Slope/Center = 0.3498% Slope/Sigma = 0.06840 Center/Sigma = 19.56

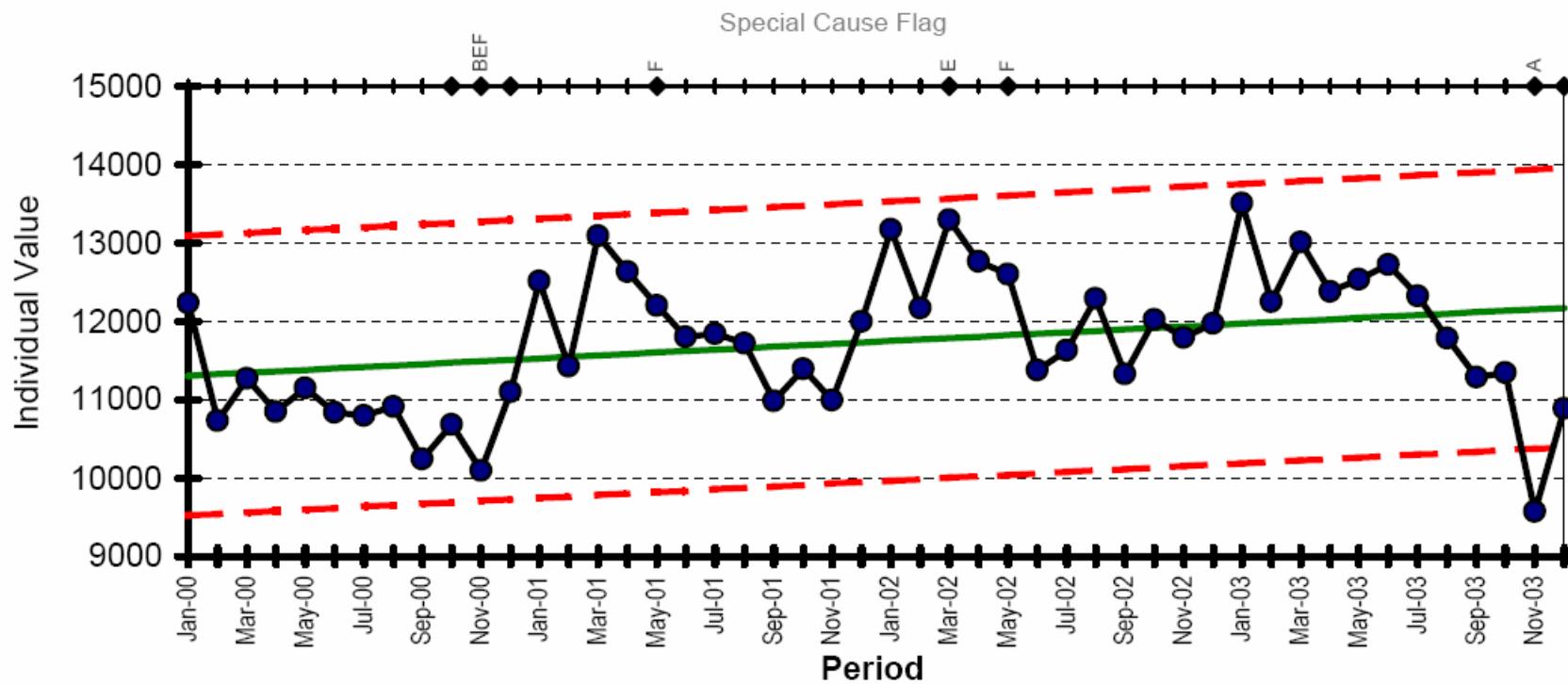
Num 65-74



Special Cause(s) Detected	
Last Center Value	4152.81803
Last Data Value	3674
Sigma for Limits	242.7
Base for Limits	Average MR

Chart Type: Linear Trend	Database Column
Slope = -17.36 per period	10
Annualized Slope = -208.3 per year	
A. 1 Beyond Control Limit	E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average	F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down	G. 15 Within 1 Sigma
D. 14 Alternating Up & Down	H. 8 Outside 1 Sigma
Current prob of no trend = 0.000	X. Excluded or Missing Data
Slope/Center = -0.4181% Slope/Sigma = -0.07154	Center/Sigma = 17.11

Num 75+



Special Cause(s) Detected

Last Center Value	12171.3827
Last Data Value	10883
Sigma for Limits	594.3
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 18.43 per period Annualized Slope = 221.1 per year

Database Column

11

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.044

Slope/Center = 0.1514% Slope/Sigma = 0.03101

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 20.48

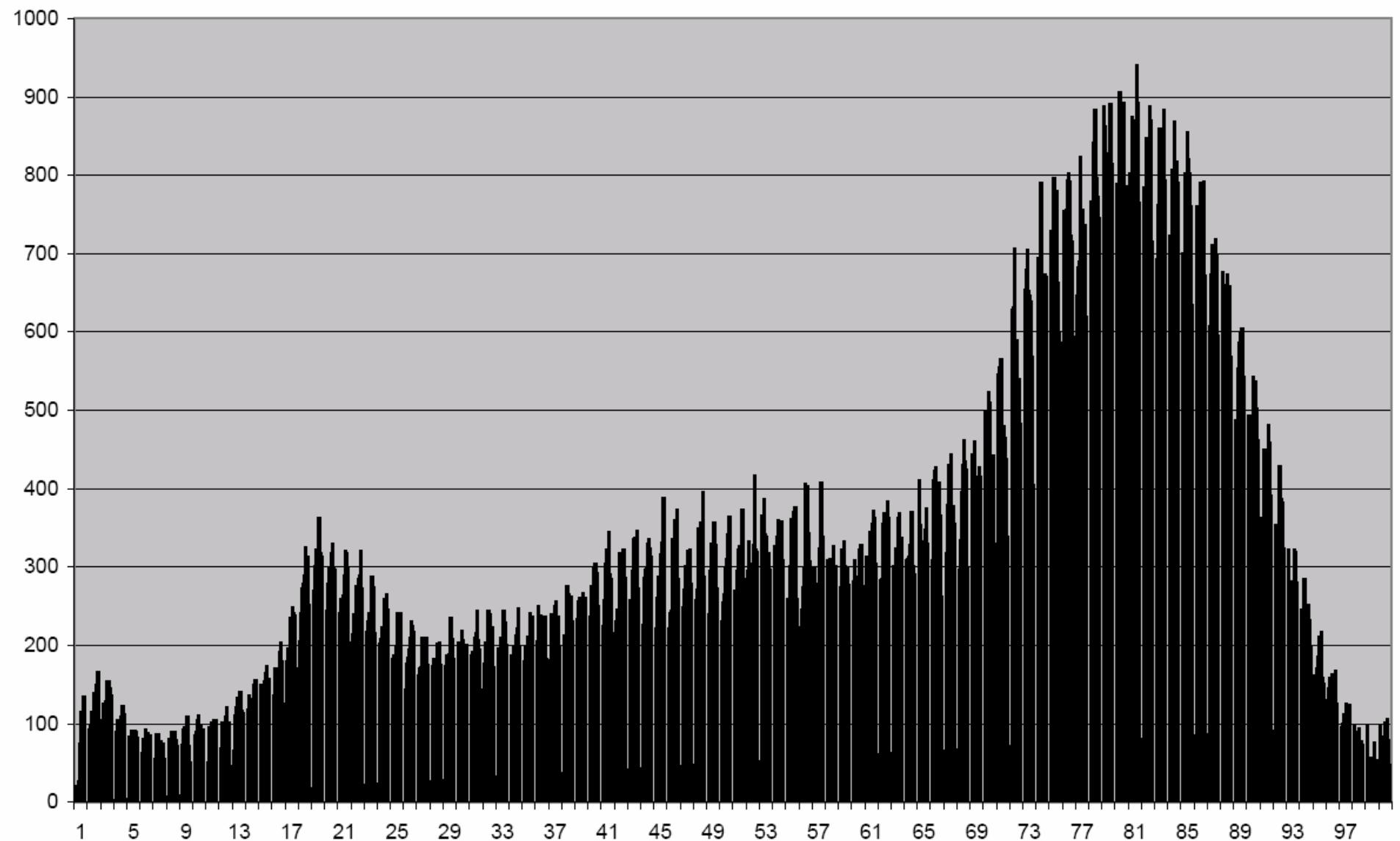
PATIENT AGE

Absolute numbers

„Putting it all together“

- Not entered
- Under 5
- 5-14
- 15-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75+

Patient Age in years (absolute)

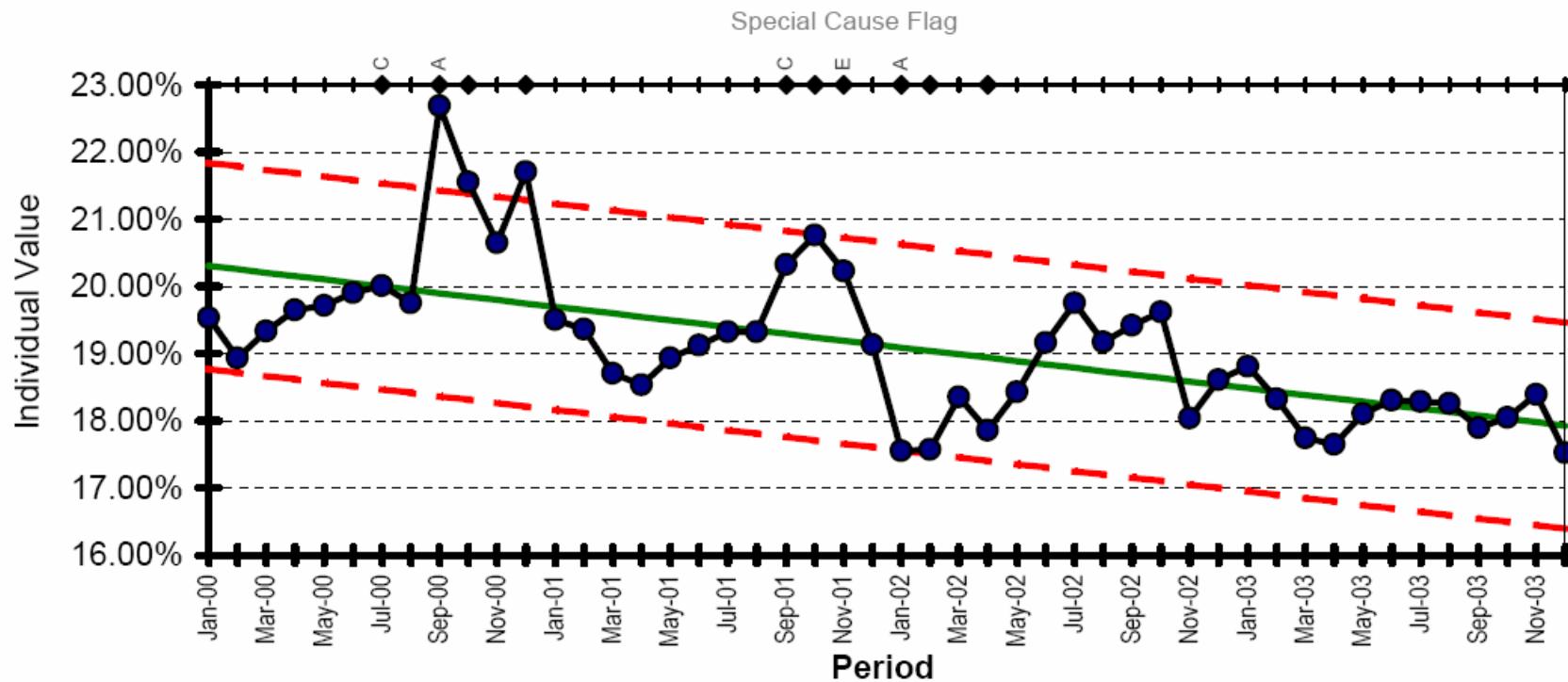


PATIENT AGE

Relative numbers

- Not entered
 - Under 5
 - 5-14
 - 15-24
 - 25-34
 - 35-44
 - 45-54
 - 55-64
 - 65-74
 - 75+
- Stratified in accordance with
Health Profile 2000 Demographic
Data published by PA DOH
- Health Statistics Bureau

% not entered



Special Cause(s) Detected

Last Center Value 0.17927387
 Last Data Value 0.1752784
 Sigma for Limits 0.005115
 Base for Limits Average MR

Chart Type: Linear Trend

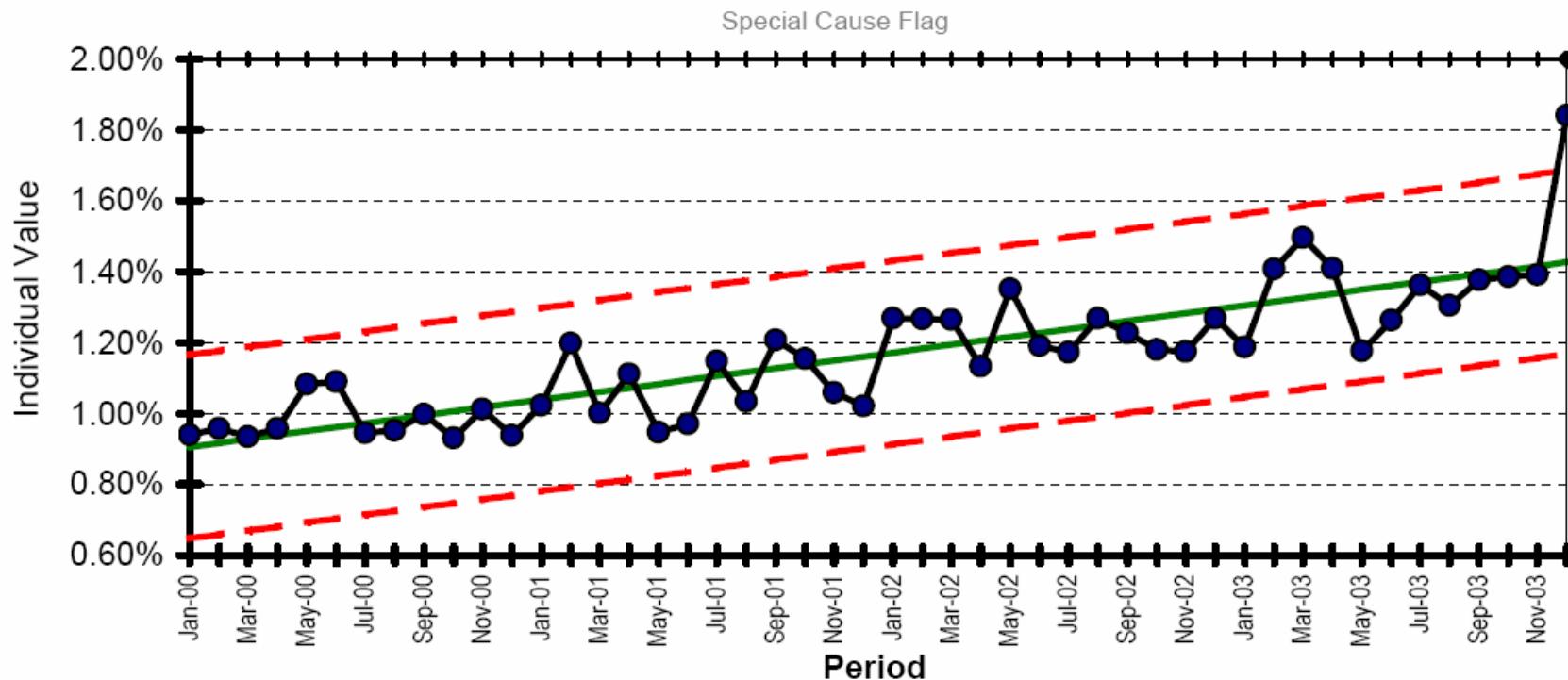
Slope = -0.0005055 per period Annualized Slope = -0.006066 per year Database Column 12

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -0.2820% Slope/Sigma = -0.09882 Center/Sigma = 35.05

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% <5



Special Cause(s) Detected

Last Center Value	0.0142646
Last Data Value	0.01841626
Sigma for Limits	0.0008629
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0001108 per period Annualized Slope = 0.001329 per year

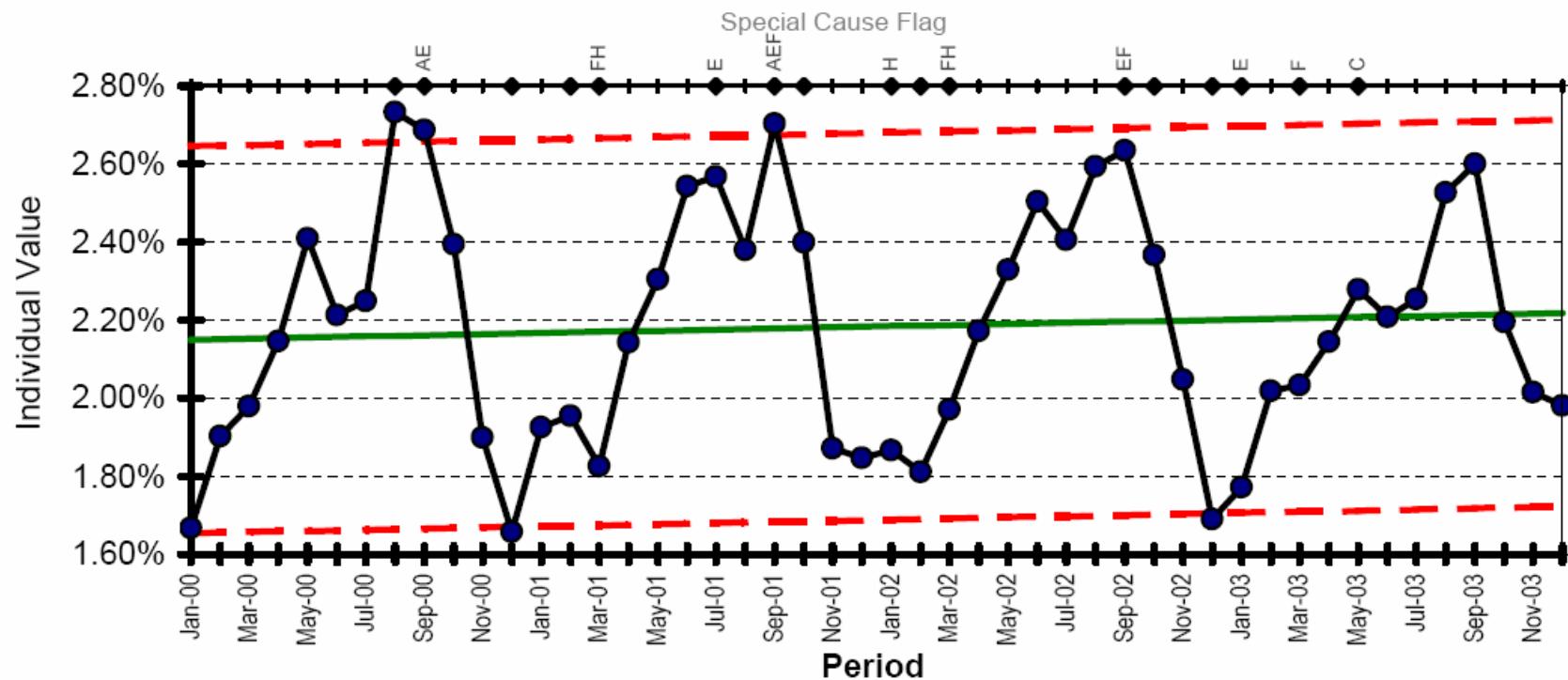
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = 0.7765% Slope/Sigma = 0.1284 Center/Sigma = 16.53

Database Column

13

% 5-14



Special Cause(s) Detected

Last Center Value 0.02217762
 Last Data Value 0.01980442
 Sigma for Limits 0.001653
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00001447 per period Annualized Slope = 0.0001736 per year

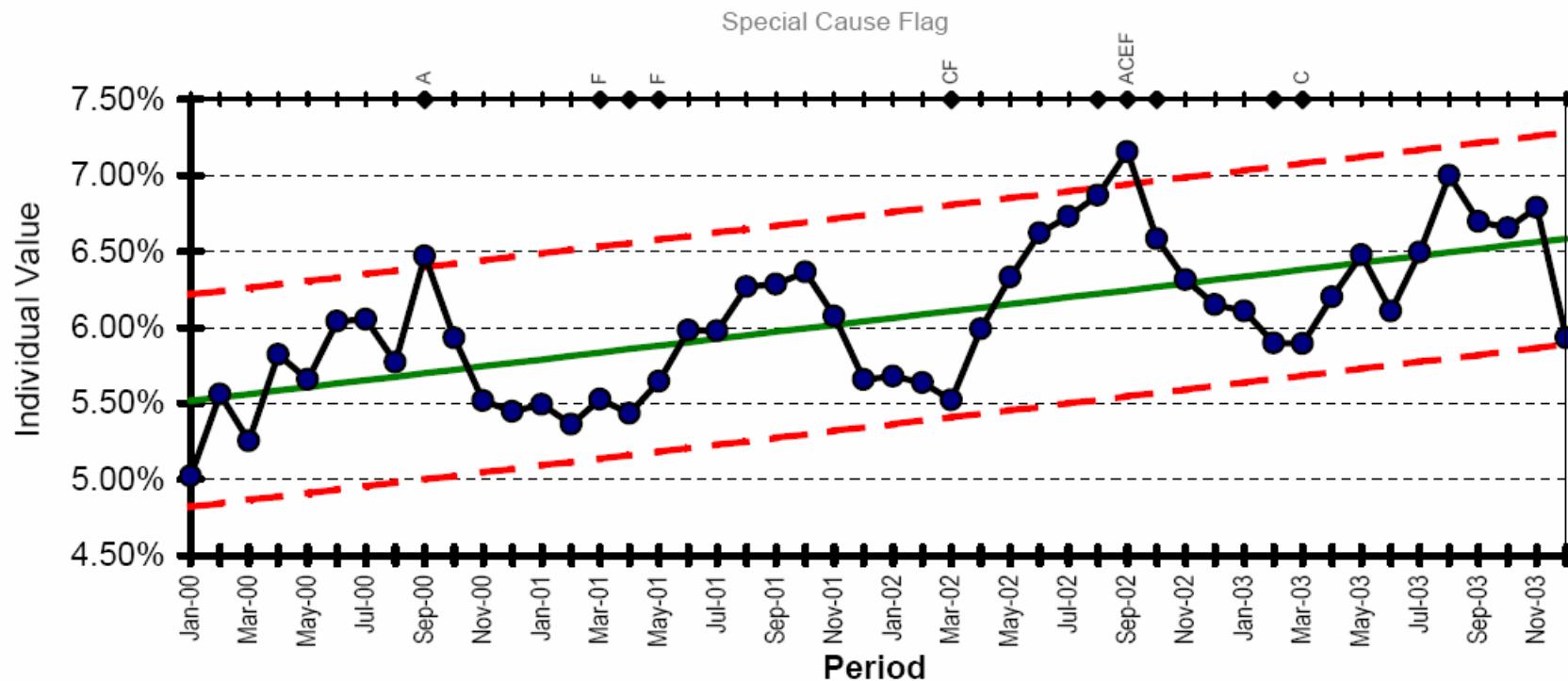
14

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.649
 Slope/Center = 0.06523% Slope/Sigma = 0.008751 Center/Sigma = 13.41

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% 15-24



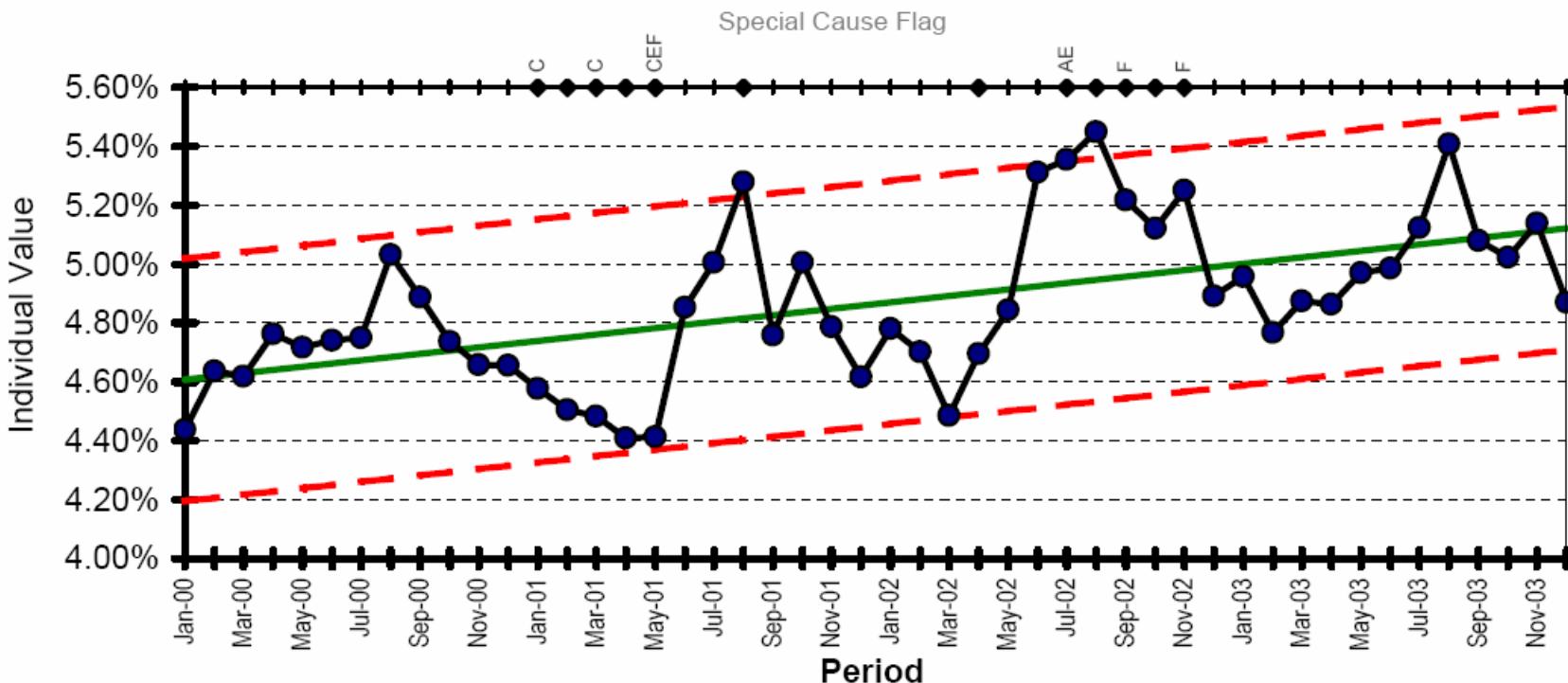
Special Cause(s) Detected

Last Center Value	0.06584162
Last Data Value	0.05928988
Sigma for Limits	0.002325
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0002271 per period	Annualized Slope = 0.002725 per year	Database Column 15
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.000		X. Excluded or Missing Data
Slope/Center = 0.3449% Slope/Sigma = 0.09766		Center/Sigma = 28.31

% 25-34



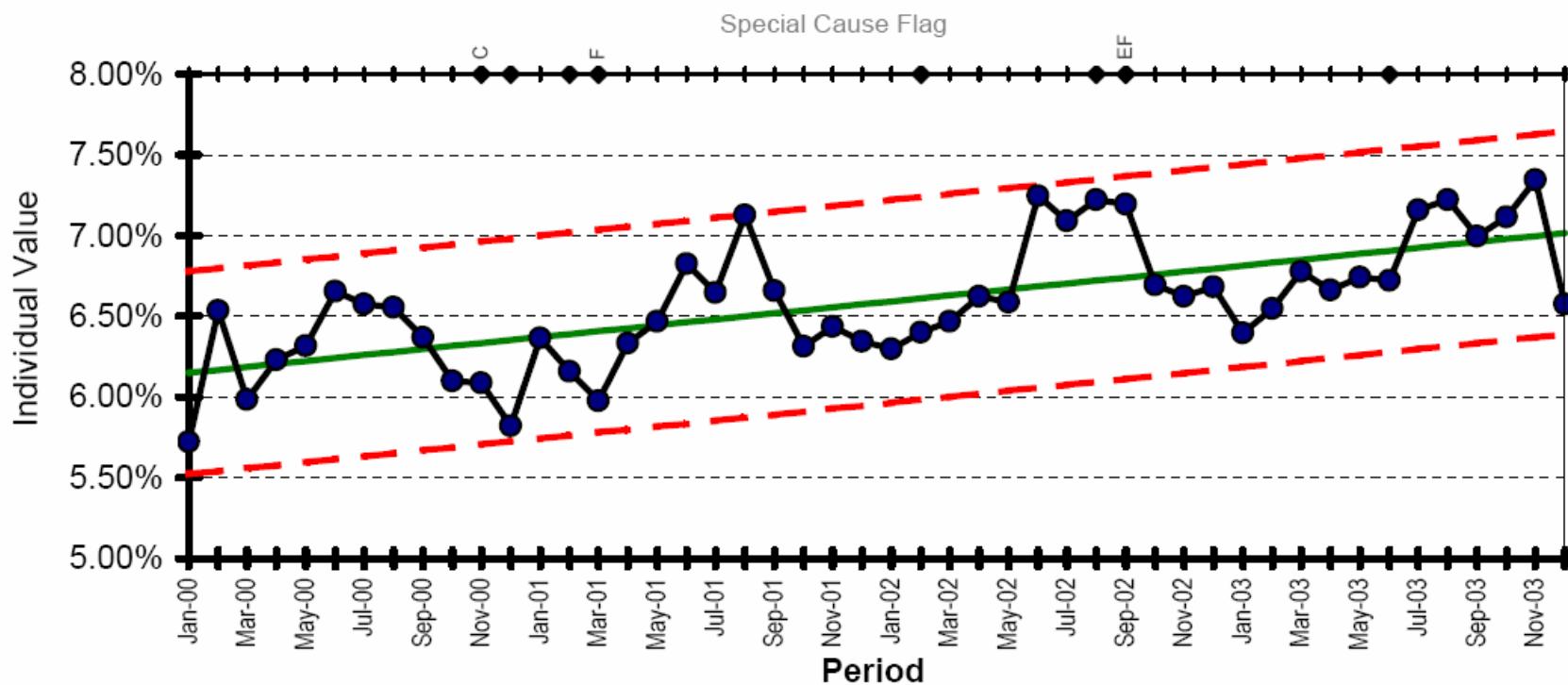
Special Cause(s) Detected

Last Center Value	0.05121529
Last Data Value	0.04870901
Sigma for Limits	0.001376
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0001095 per period	Annualized Slope = 0.001314 per year	Database Column 16
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.000		X. Excluded or Missing Data
Slope/Center = 0.2138%	Slope/Sigma = 0.07958	Center/Sigma = 37.23

% 35-44



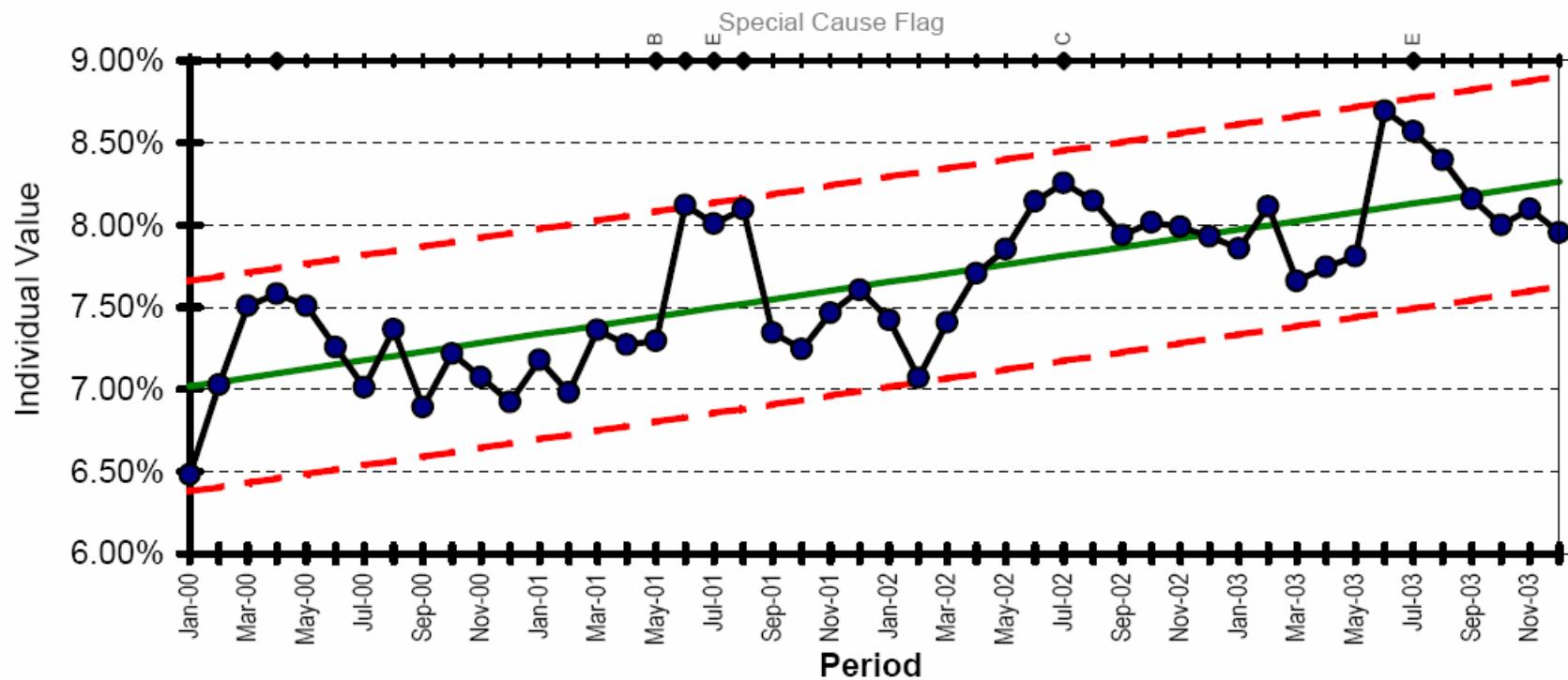
Special Cause(s) Detected

Last Center Value	0.07016417
Last Data Value	0.06576796
Sigma for Limits	0.002094
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0001843 per period	Annualized Slope = 0.002212 per year	Database Column 17
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.000		X. Excluded or Missing Data
Slope/Center = 0.2627% Slope/Sigma = 0.08803		Center/Sigma = 33.51

% 45-54



Special Cause(s) Detected

Last Center Value	0.0826256
Last Data Value	0.07952617
Sigma for Limits	0.002133
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0002648 per period Annualized Slope = 0.003178 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

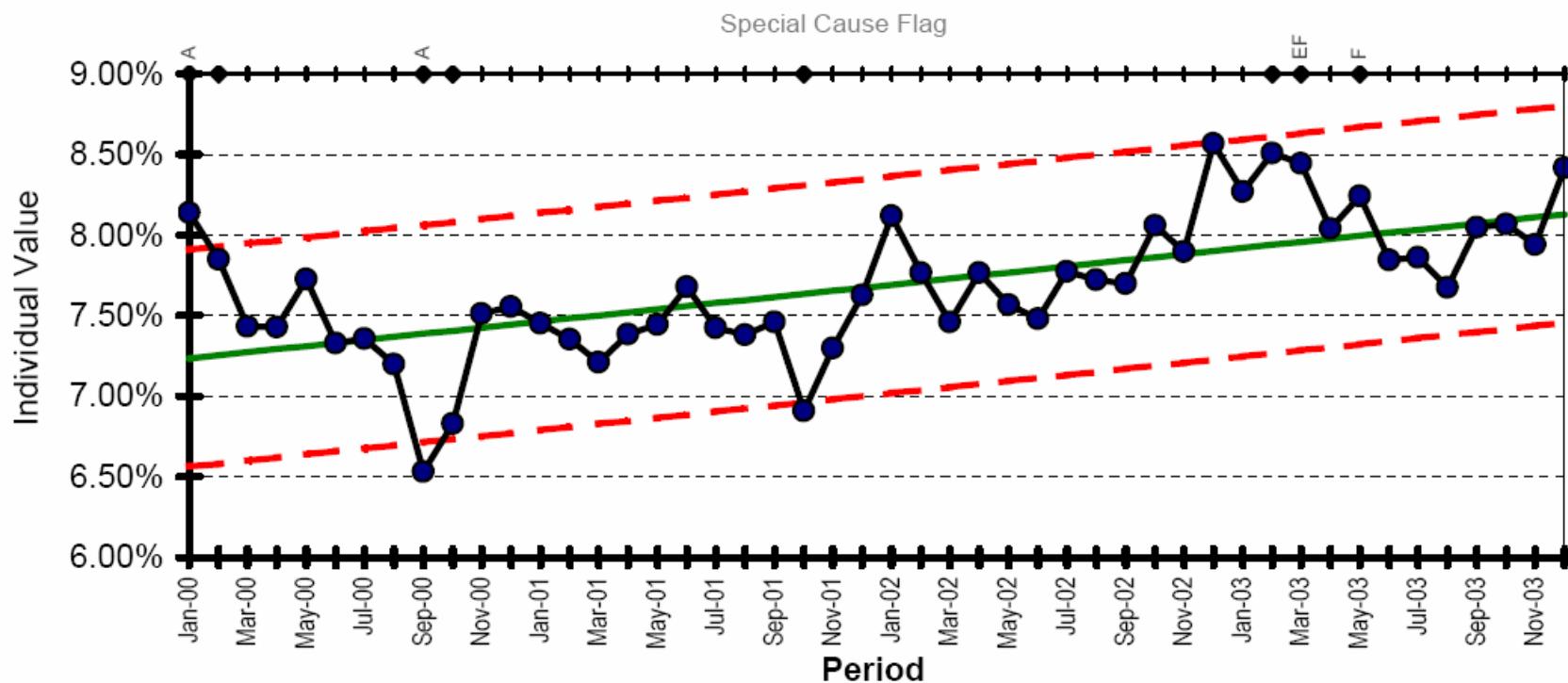
Current prob of no trend = 0.000
 Slope/Center = 0.3205% Slope/Sigma = 0.1242 Center/Sigma = 38.74

Database Column

18

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% 55-64



Special Cause(s) Detected

Last Center Value	0.08128679
Last Data Value	0.08415338
Sigma for Limits	0.002245
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0001901 per period Annualized Slope = 0.002281 per year

19

A. 1 Beyond Control Limit	E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average	F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down	G. 15 Within 1 Sigma
D. 14 Alternating Up & Down	H. 8 Outside 1 Sigma

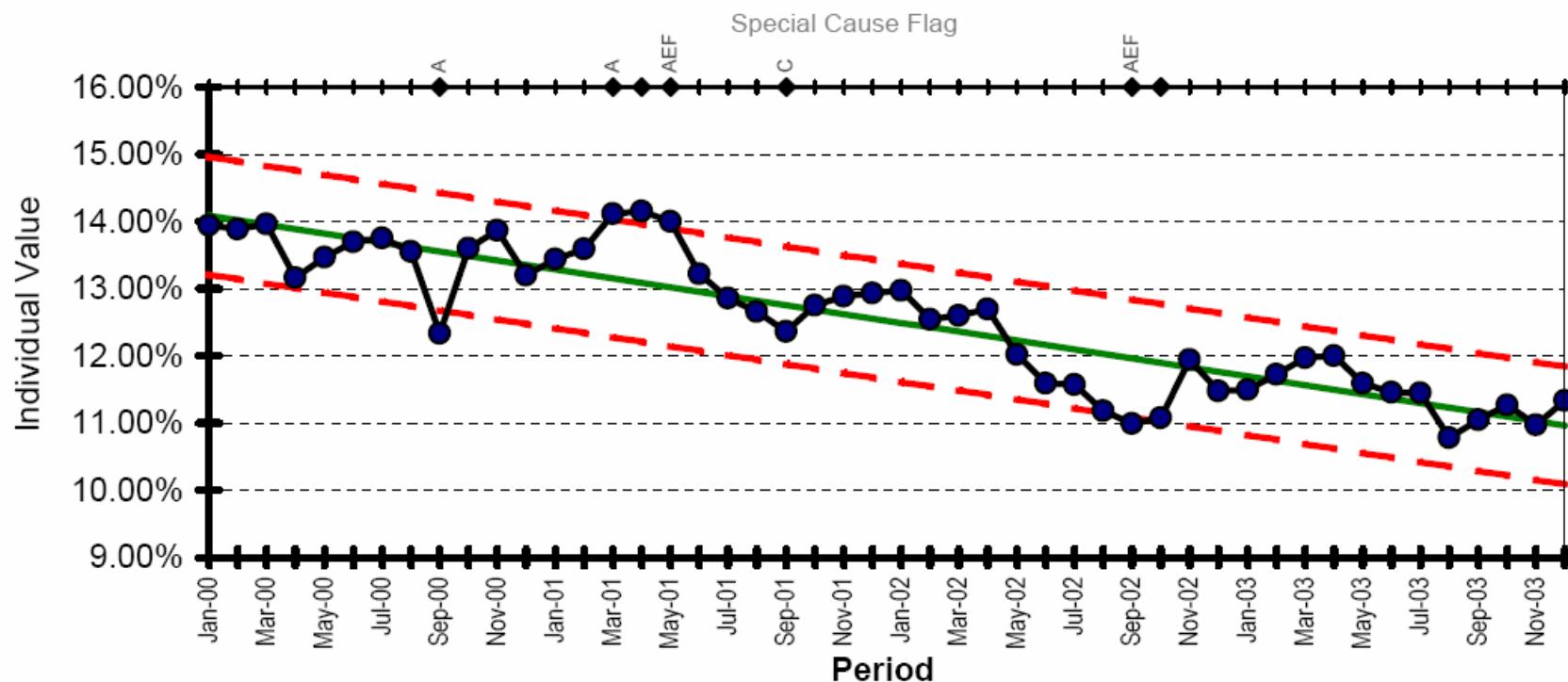
Current prob of no trend = 0.000

Slope/Center = 0.2338% Slope/Sigma = 0.08466 Center/Sigma = 36.21

Database Column

19

% 65-74



Special Cause(s) Detected

Last Center Value	0.10965198
Last Data Value	0.1133356
Sigma for Limits	0.002922
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0006631 per period Annualized Slope = -0.007958 per year

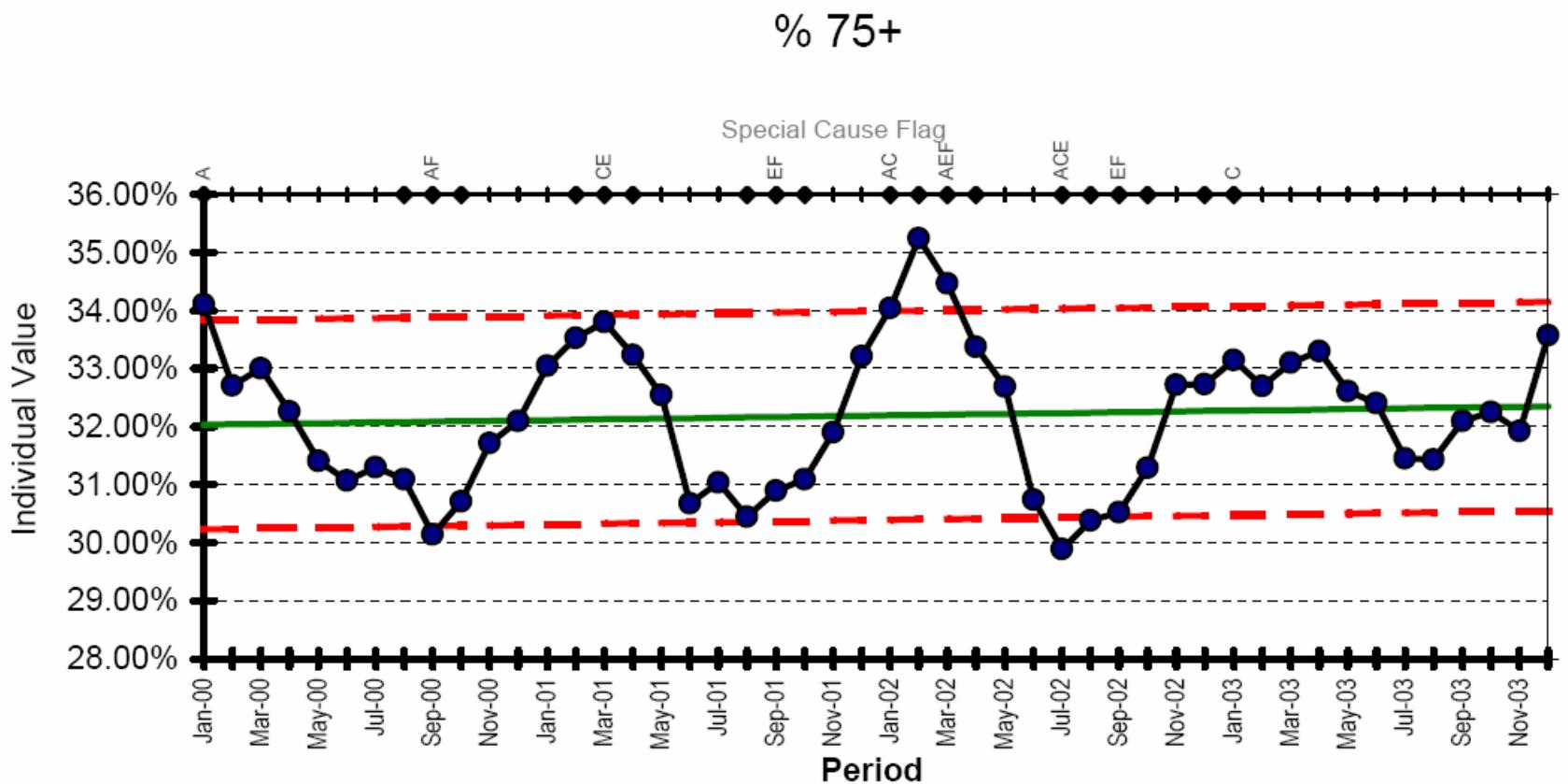
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -0.6048% Slope/Sigma = -0.2269 Center/Sigma = 37.52

Database Column

20

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value 0.32349846
 Last Data Value 0.33571891
 Sigma for Limits 0.005998
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00006759 per period Annualized Slope = 0.0008111 per year
 A. 1 Beyond Control Limit E. 2 of 3 Beyond 2 Sigma
 B. 9 On One Side of Average F. 4 of 5 Beyond 1 Sigma
 C. 6 Trending Up or Down G. 15 Within 1 Sigma
 D. 14 Alternating Up & Down H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Current prob of no trend = 0.608 Slope/Center = 0.02089% Slope/Sigma = 0.01127 Center/Sigma = 53.94

Database Column

21

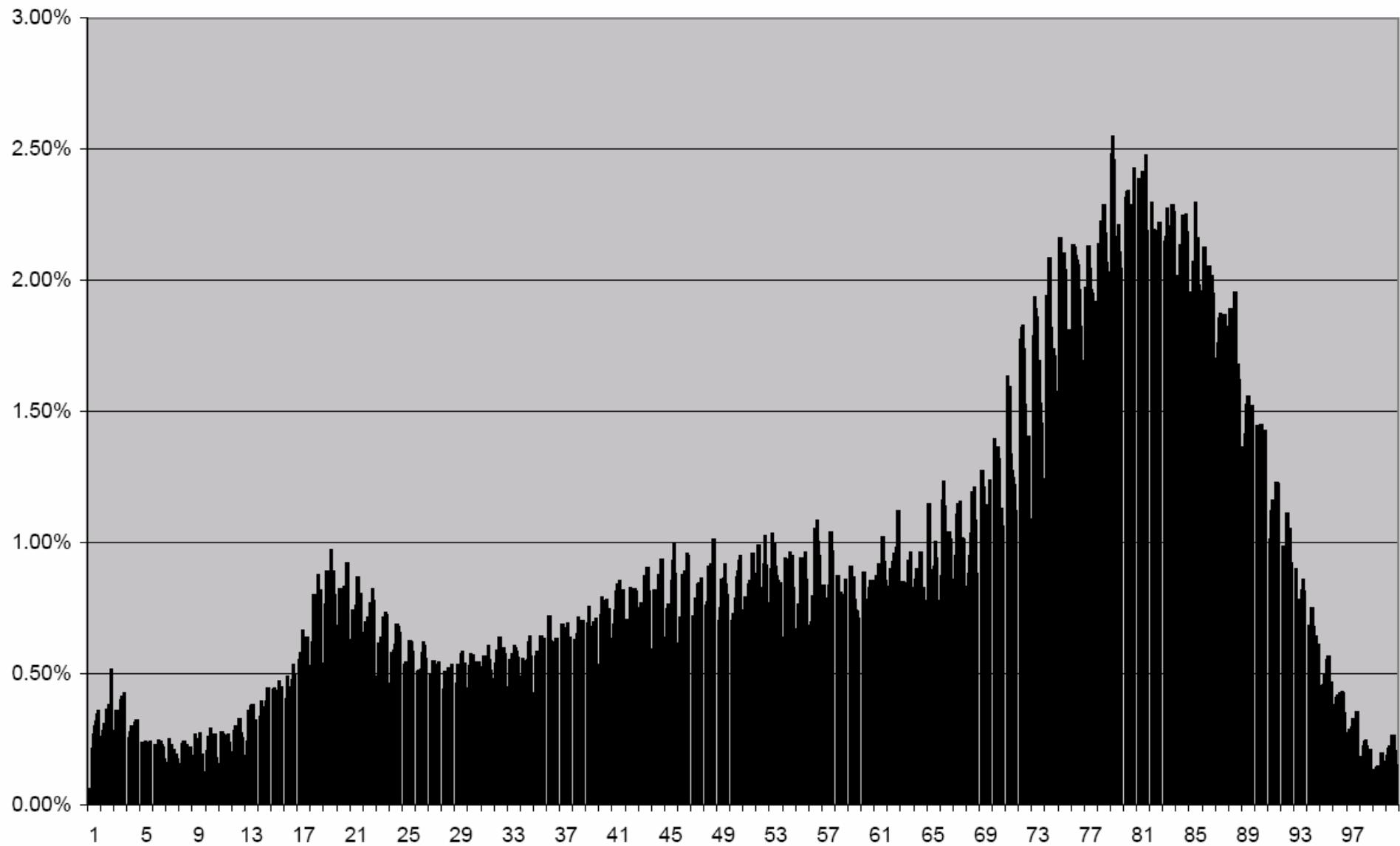
PATIENT AGE

Relative numbers

„Putting it all together“

- Not entered
- Under 5
- 5-14
- 15-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75+

Patient age in years (relative)

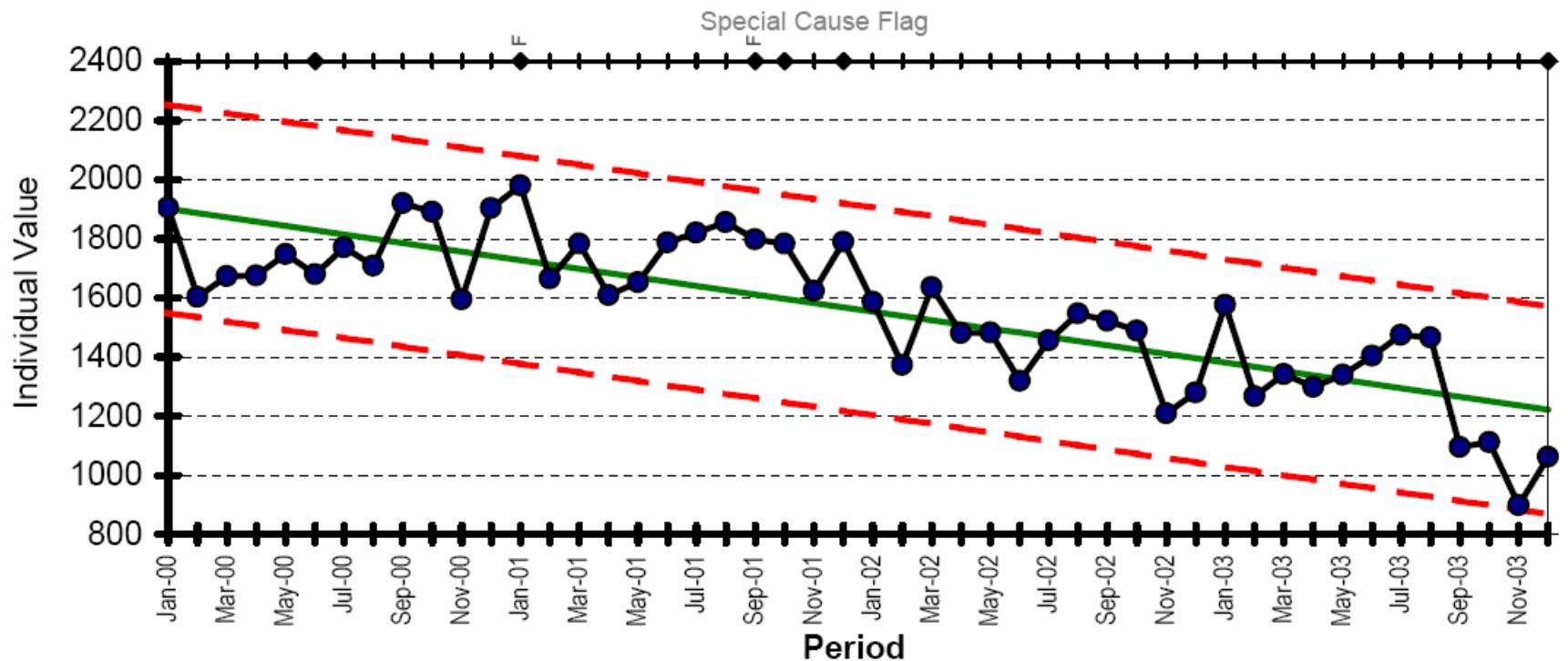


INCIDENT LOCATION

Absolute numbers

- Not entered
- Residence
- Traffic way, 55+ MPH
- Other traffic way
- Public place
- Recreation area
- Waterway
- Wilderness
- Hotel/Motel
- Bar/Restaurant
- Industrial
- Mine
- Office/Business
- Farm
- Acute Care Facility
- Clinic/Dr.'s office
- Extended care facility
- EMS Rendevous
- Other
- Unknown code

No incident location given



Special Cause(s) Detected

Last Center Value	1220.43112
Last Data Value	1061
Sigma for Limits	117.1
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -14.47 per period Annualized Slope = -173.6 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Database Column

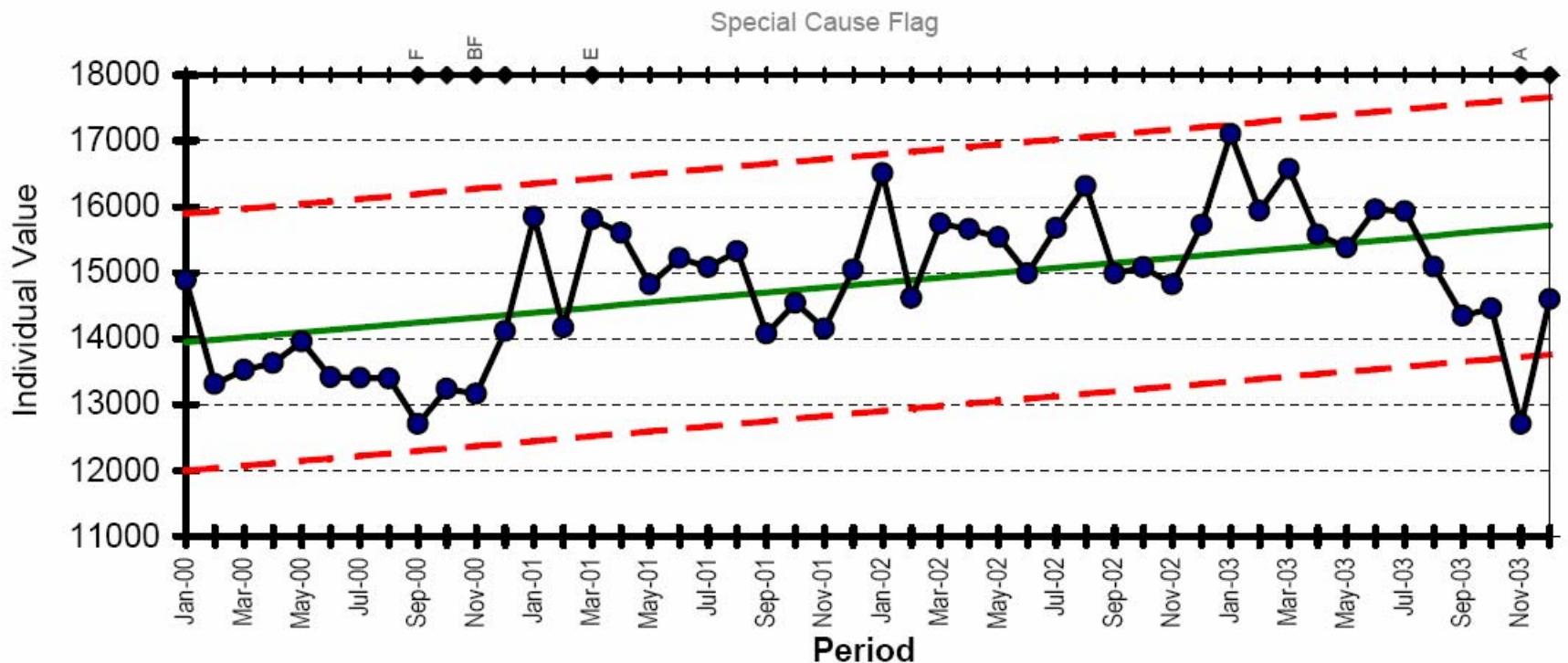
2

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 10.42

Current prob of no trend = 0.000

Slope/Center = -1.186% Slope/Sigma = -0.1236

Num incidents at Residence



Special Cause(s) Detected

Last Center Value	15712.767
Last Data Value	14597
Sigma for Limits	650.0
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 37.61 per period Annualized Slope = 451.3 per year

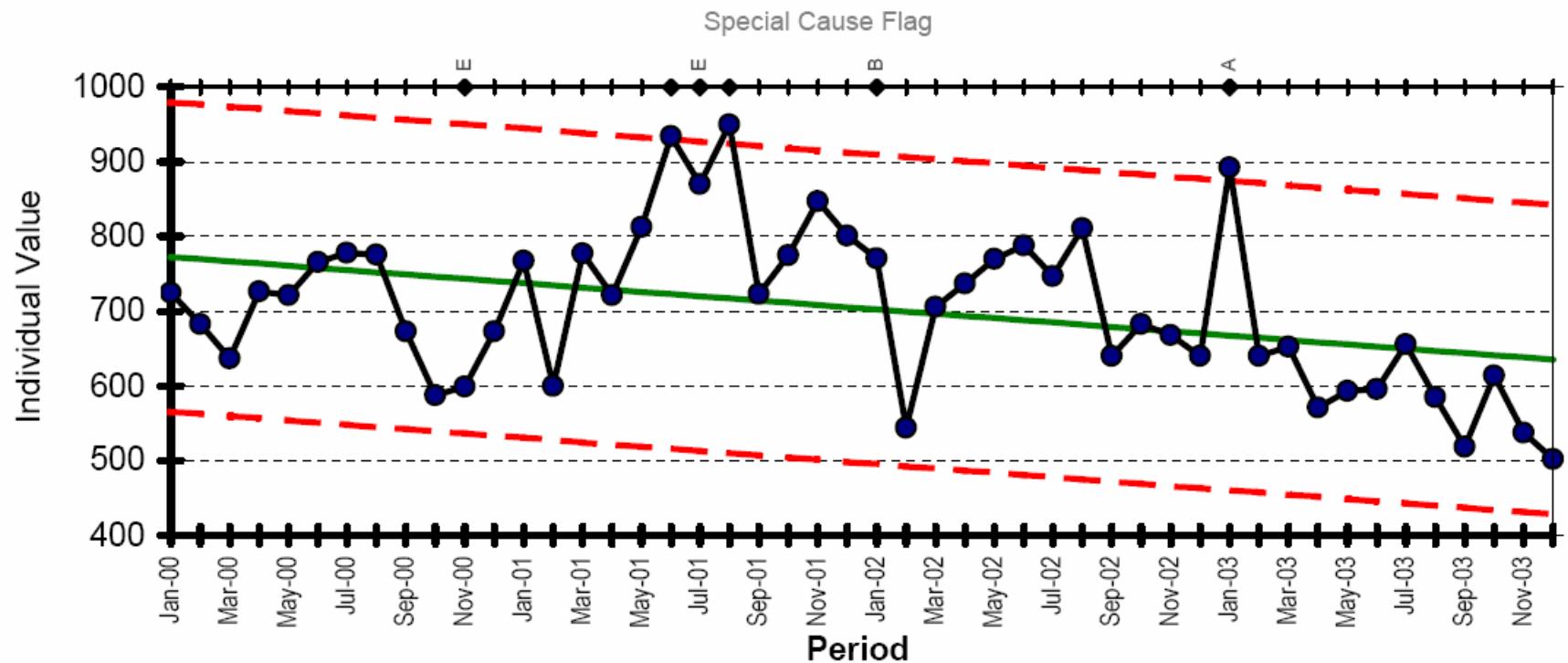
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Database Column

3

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Current prob of no trend = 0.000
 Slope/Center = 0.2393% Slope/Sigma = 0.05786 Center/Sigma = 24.17

Num incidents at Traffic Way, 55+ MPH



Special Cause(s) Detected

Last Center Value	635.09949
Last Data Value	502
Sigma for Limits	69.03
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -2.924 per period Annualized Slope = -35.09 per year

Database Column

4

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

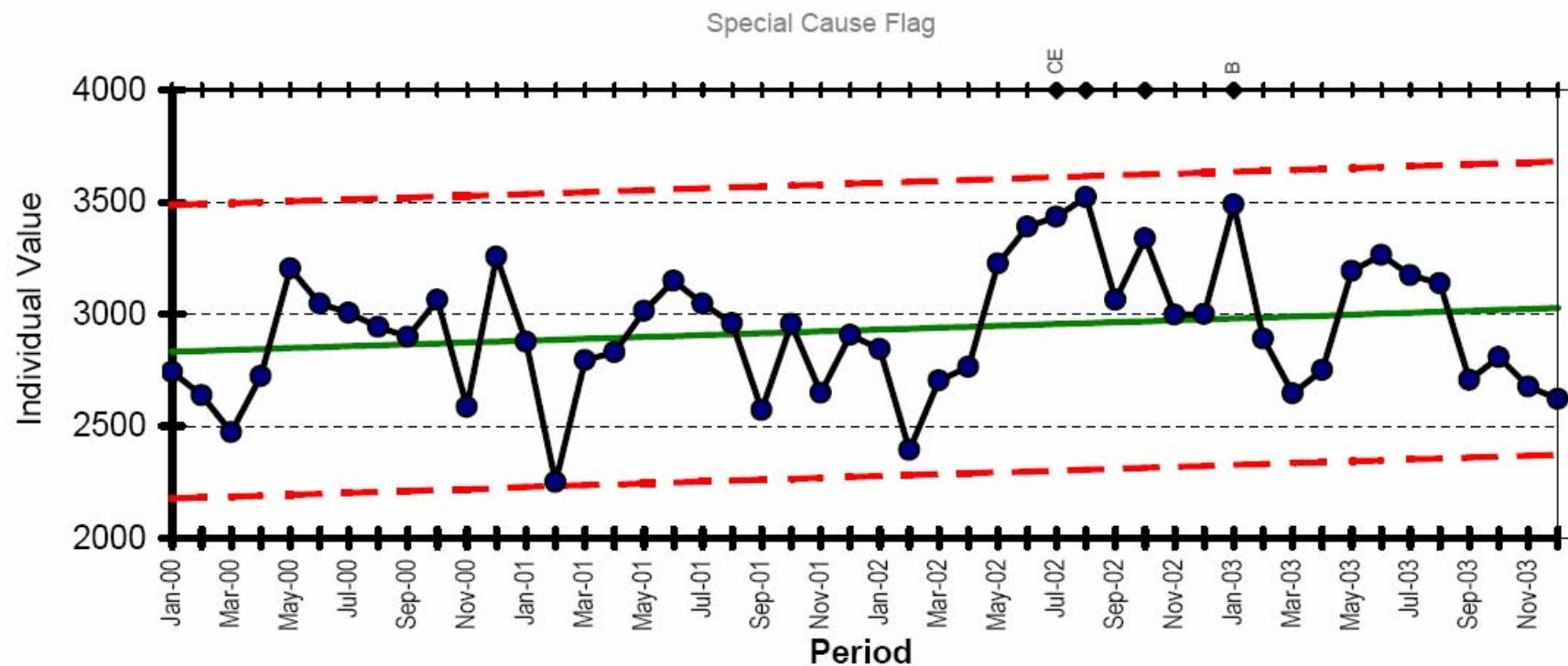
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.007

Slope/Center = -0.4604% Slope/Sigma = -0.04236

Center/Sigma = 9.200

Num incidents at Other Traffic Way



Special Cause(s) Detected

Last Center Value	3026.20663
Last Data Value	2621
Sigma for Limits	218.3
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 4.136 per period Annualized Slope = 49.64 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

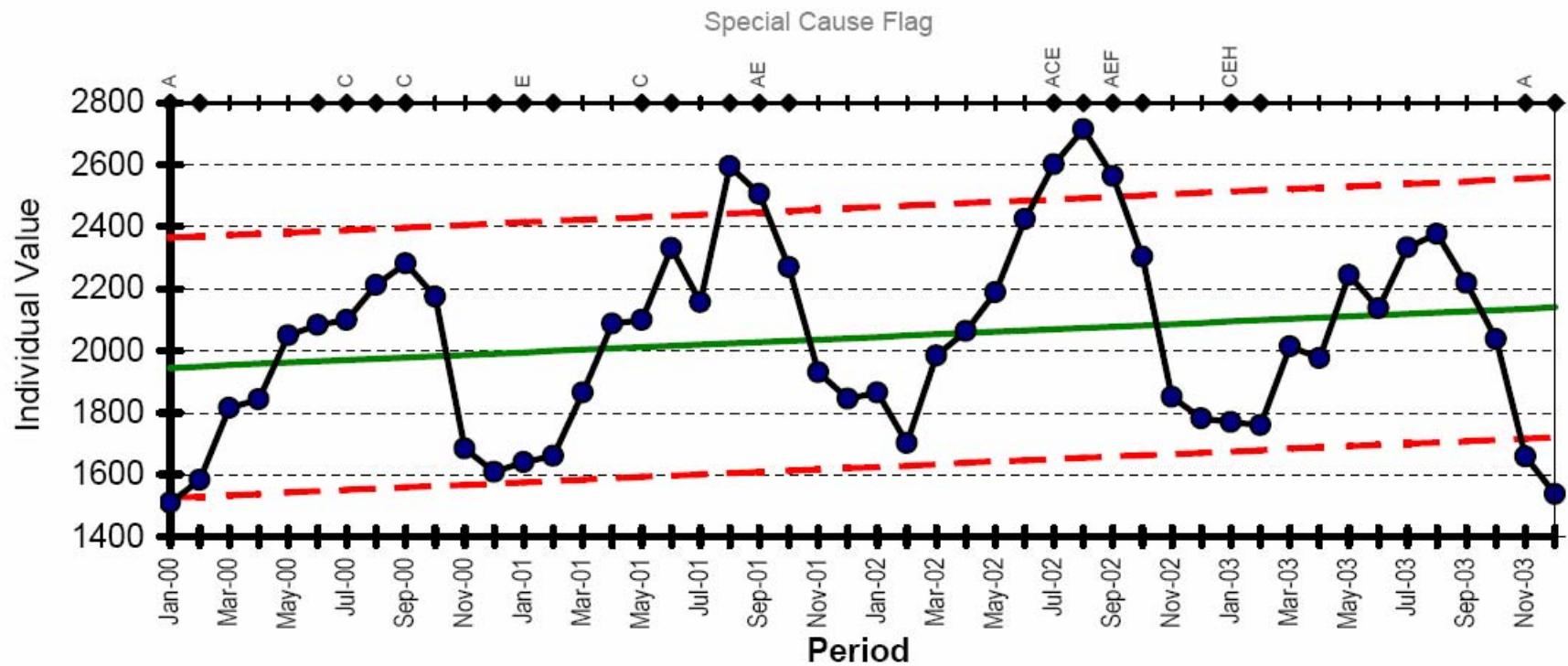
Current prob of no trend = 0.170
 Slope/Center = 0.1367% Slope/Sigma = 0.01895
 Center/Sigma = 13.87

Database Column

5

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num incidents at Public Place



Special Cause(s) Detected

Last Center Value	2139.81378
Last Data Value	1537
Sigma for Limits	139.8
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 4.149 per period Annualized Slope = 49.79 per year

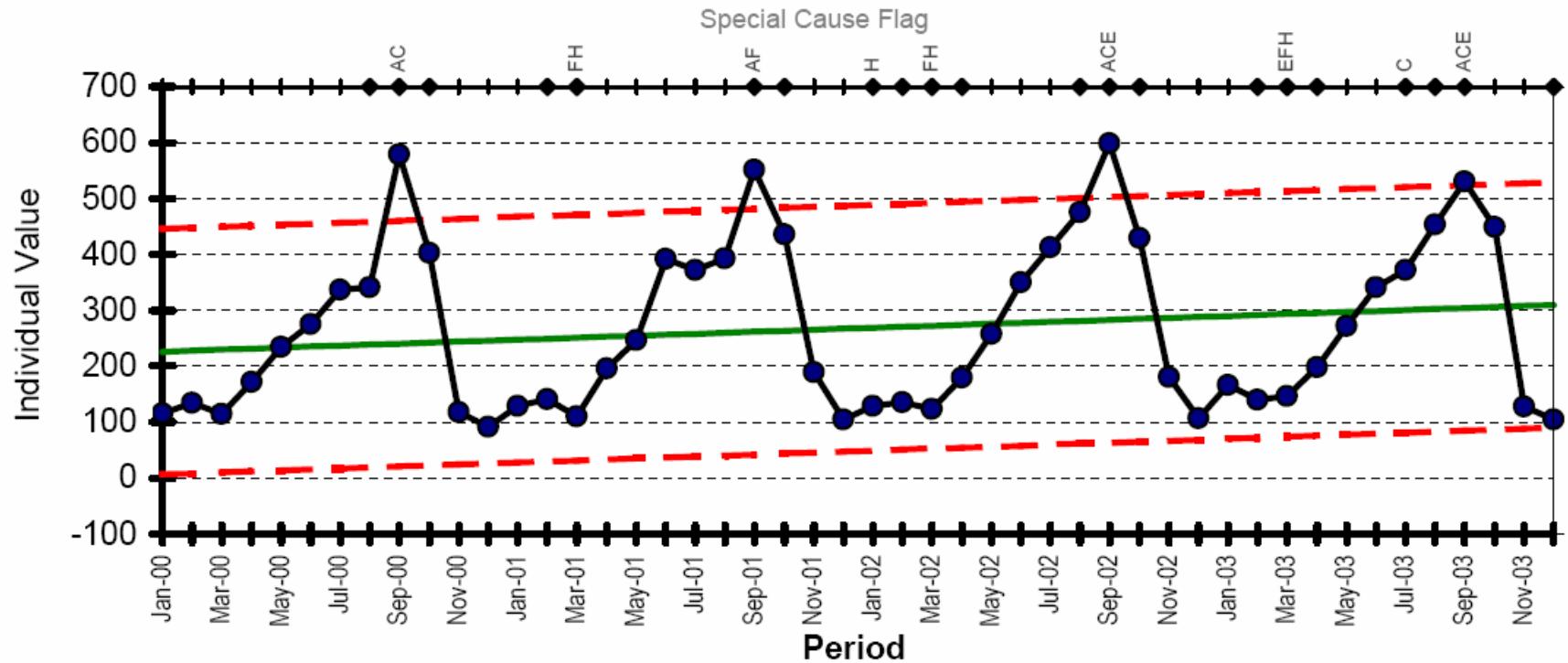
Database Column

6

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.198
 Slope/Center = 0.1939% Slope/Sigma = 0.02968
 Center/Sigma = 15.31

Num incidents at Recreation Area



Special Cause(s) Detected

Last Center Value	309.510204
Last Data Value	105
Sigma for Limits	73.26
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 1.772 per period Annualized Slope = 21.26 per year

Database Column

7

A. 1 Beyond Control Limit

B. 9 On One Side of Average

C. 6 Trending Up or Down

D. 14 Alternating Up & Down

E. 2 of 3 Beyond 2 Sigma

F. 4 of 5 Beyond 1 Sigma

G. 15 Within 1 Sigma

H. 8 Outside 1 Sigma

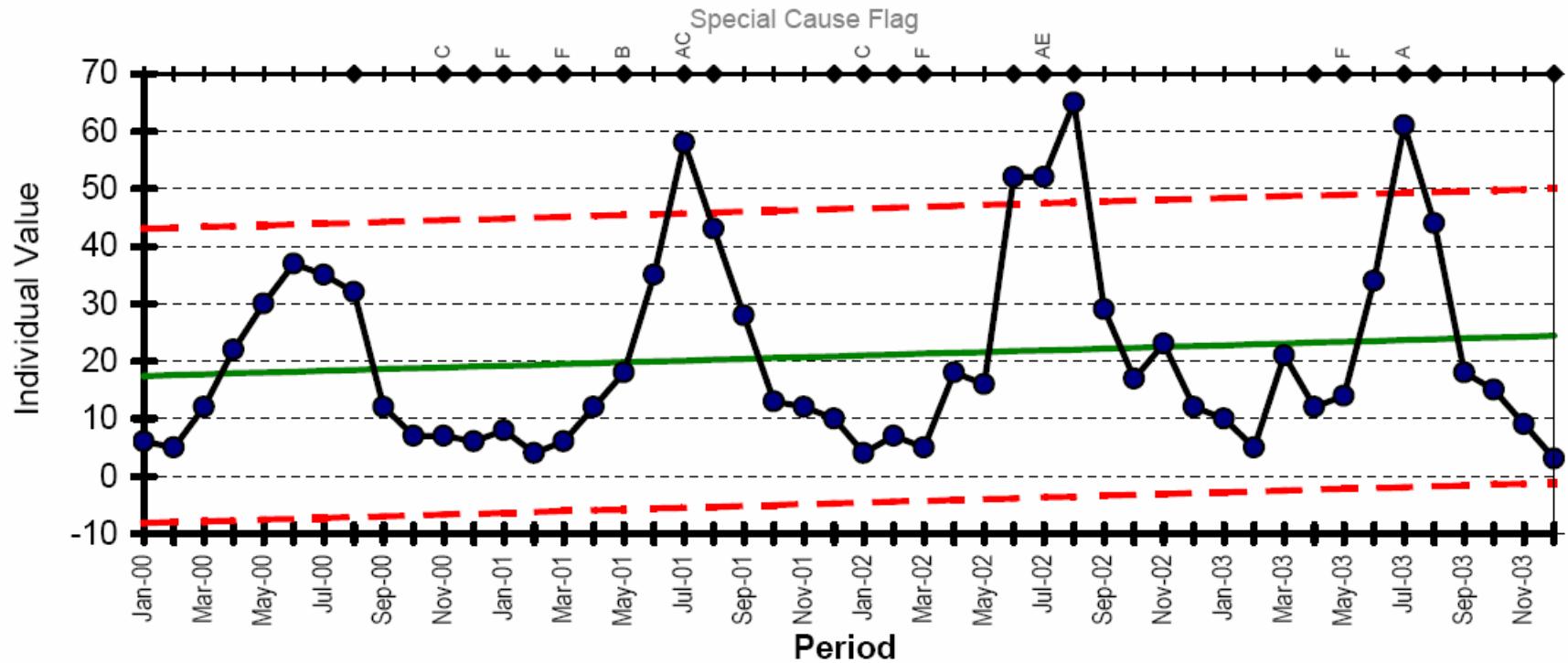
X. Excluded or Missing Data

Center/Sigma = 4.225

Current prob of no trend = 0.260

Slope/Center = 0.5724% Slope/Sigma = 0.02418

Num incidents at Waterway



Special Cause(s) Detected

Last Center Value	24.4064626
Last Data Value	3
Sigma for Limits	8.532
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.1485 per period Annualized Slope = 1.782 per year

Database Column

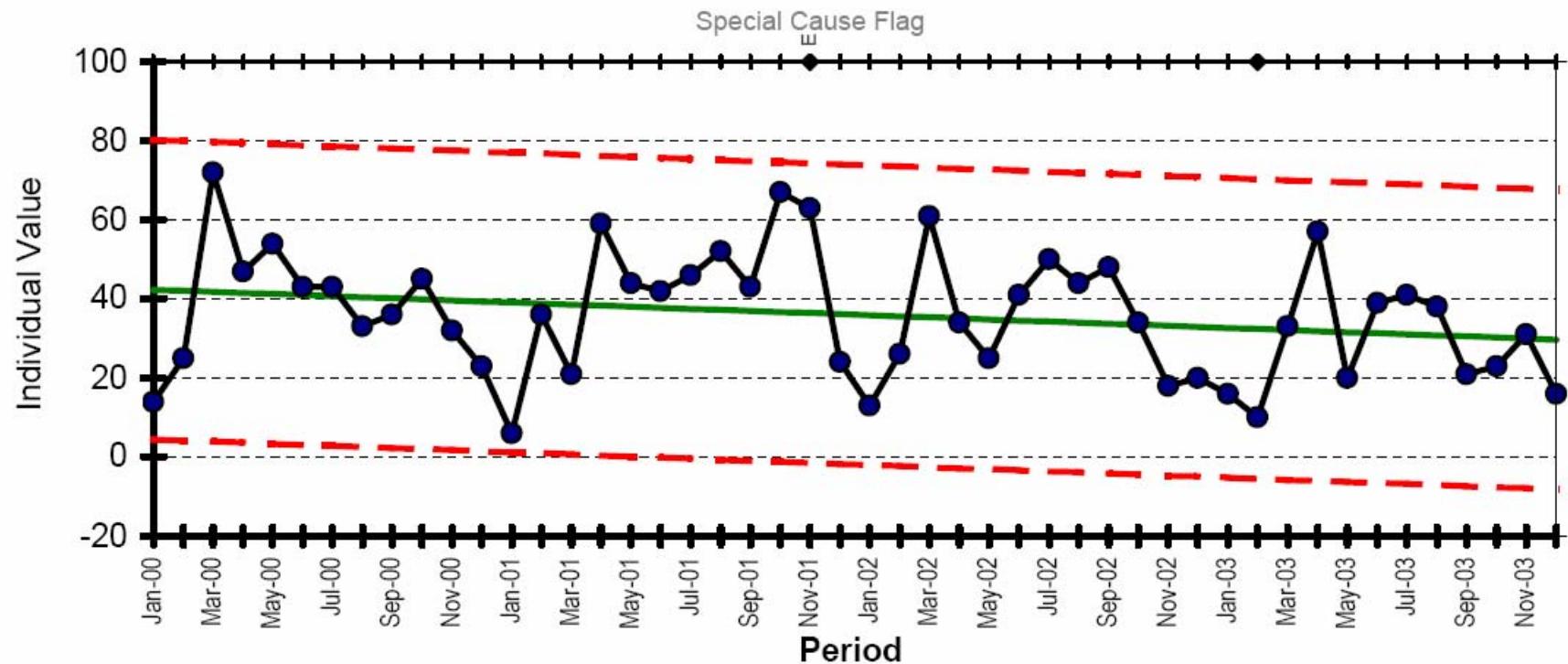
8

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.400
 Slope/Center = 0.6085% Slope/Sigma = 0.01741

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 2.861

Num incidents at Wilderness



Special Cause(s) Detected

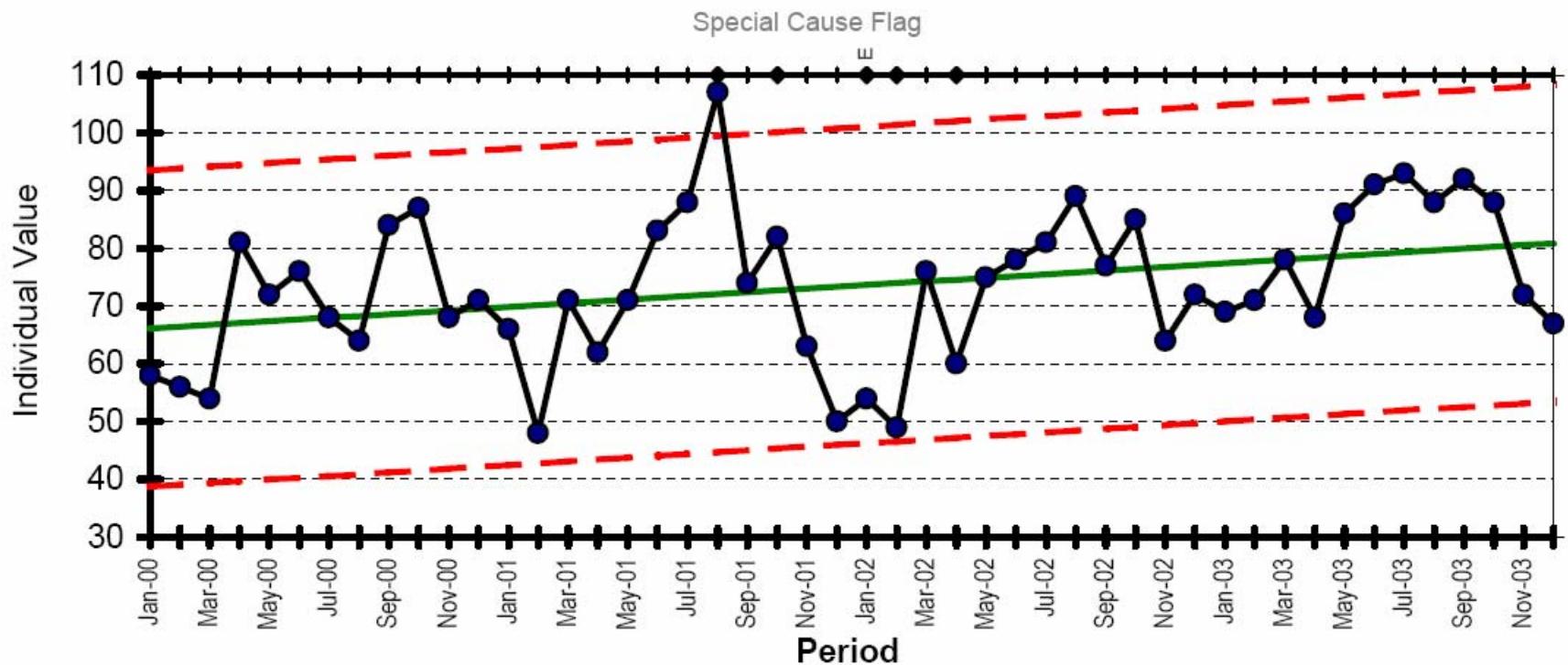
Last Center Value	29.7108844
Last Data Value	16
Sigma for Limits	12.63
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.2685 per period	Annualized Slope = -3.222 per year	Database Column 9
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.104		X. Excluded or Missing Data
Slope/Center = -0.9037%	Slope/Sigma = -0.02126	Center/Sigma = 2.352

Num incidents at Hotel/Motel



Special Cause(s) Detected

Last Center Value	80.8630952
Last Data Value	67
Sigma for Limits	9.130
Base for Limits	Average MR

Chart Type: Linear Trend

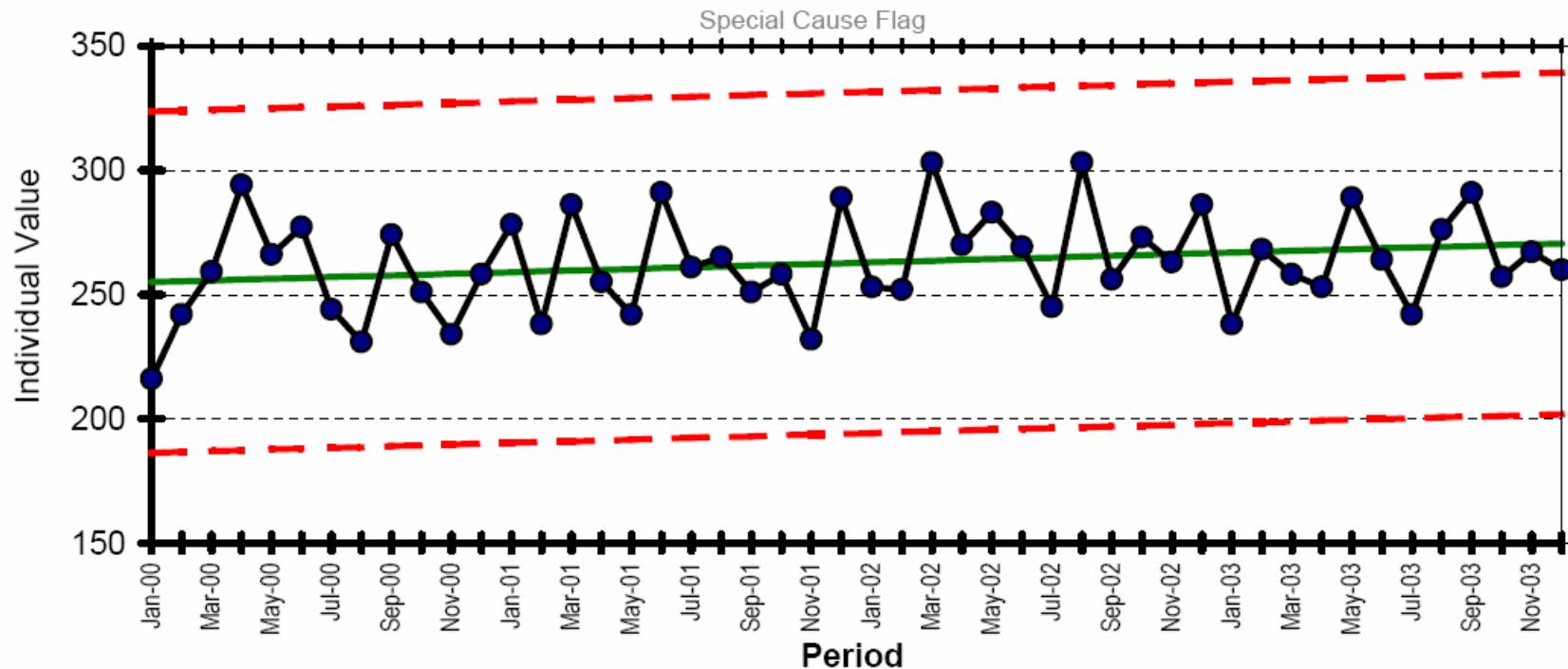
Slope = 0.3142 per period Annualized Slope = 3.771 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Current prob of no trend = 0.018
 Slope/Center = 0.3886% Slope/Sigma = 0.03442
 Center/Sigma = 8.856

Database Column

10

Num incidents at Bar/Restaurant



No Special Cause Detected

Last Center Value 270.498299
 Last Data Value 260
 Sigma for Limits 22.88
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.3306 per period Annualized Slope = 3.967 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.112

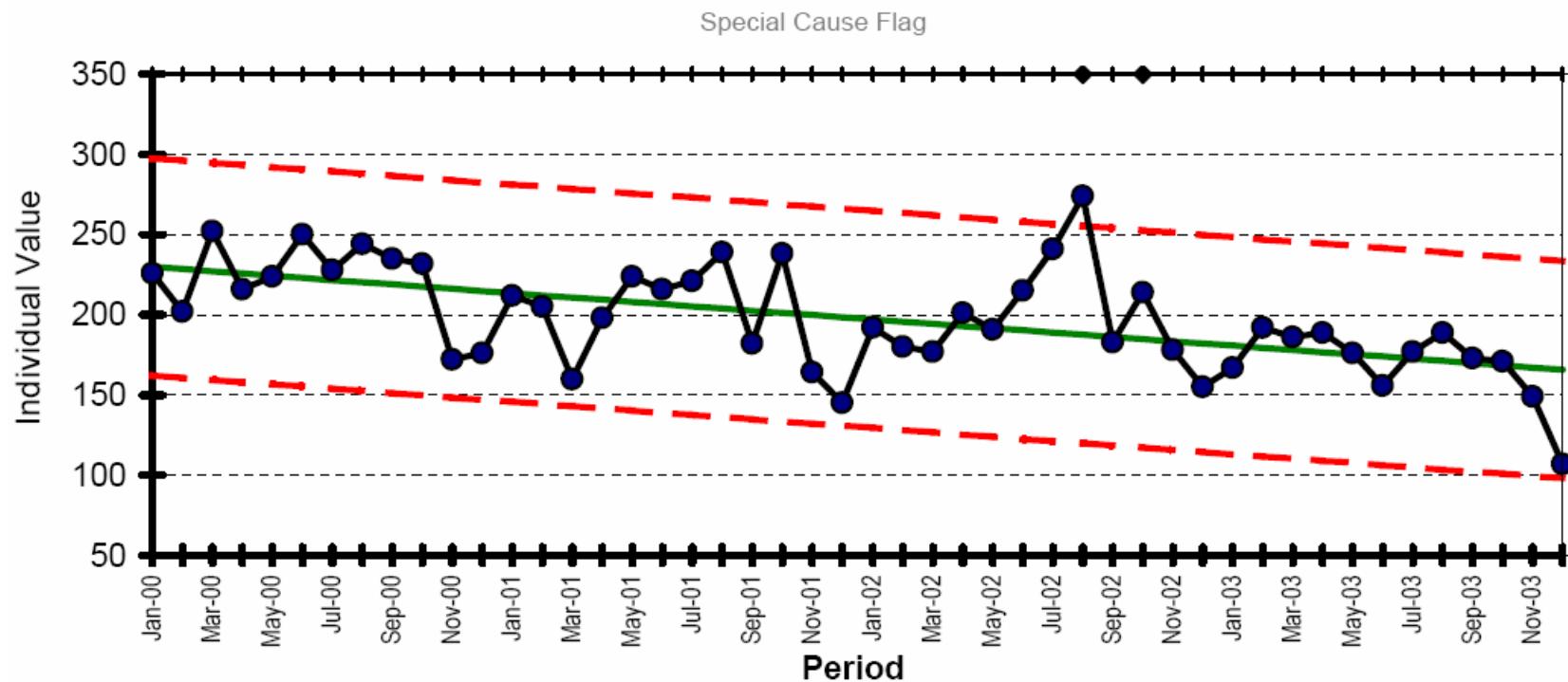
Slope/Center = 0.1222% Slope/Sigma = 0.01445

Database Column 11

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 11.82

Num incidents at Industrial



Special Cause(s) Detected

Last Center Value	165.768707
Last Data Value	107
Sigma for Limits	22.58
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -1.363 per period Annualized Slope = -16.35 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

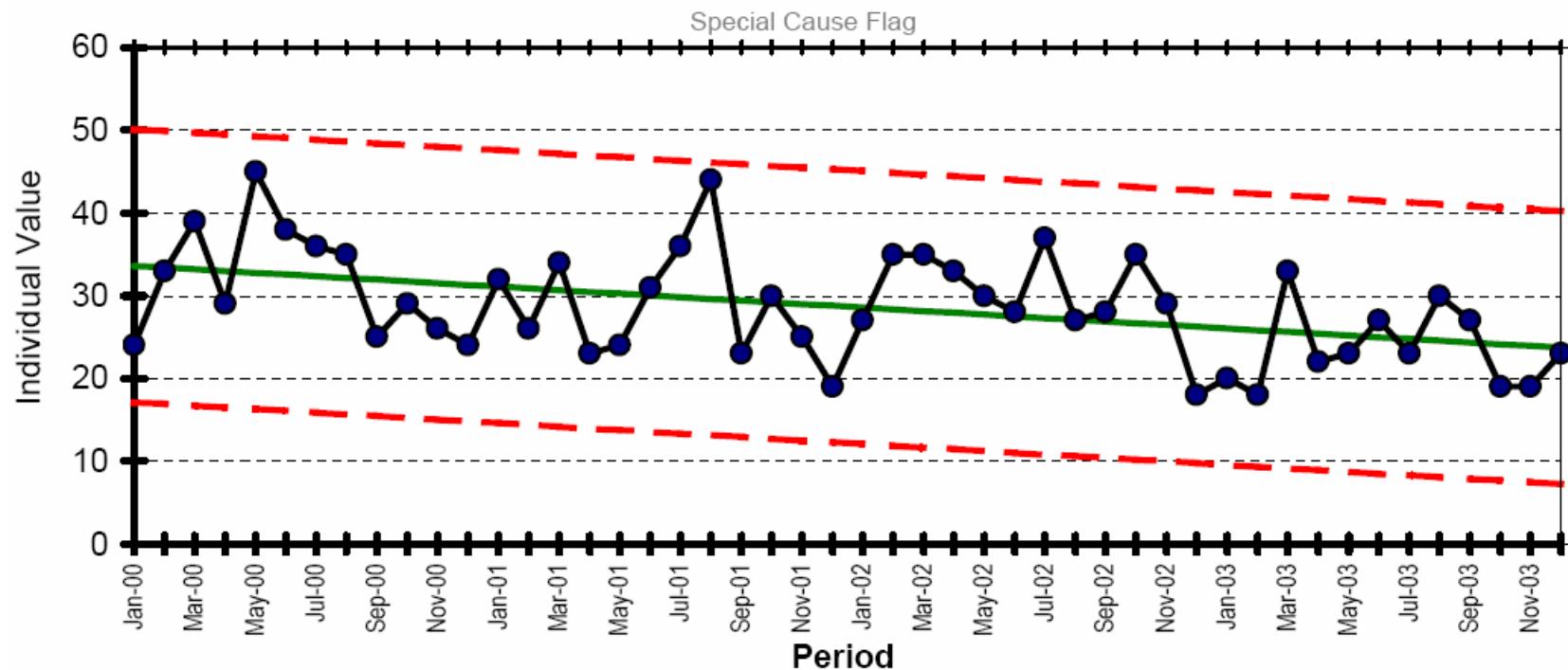
Slope/Center = -0.8220% Slope/Sigma = -0.06035

Database Column

12

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 7.343

Num incidents at Mine



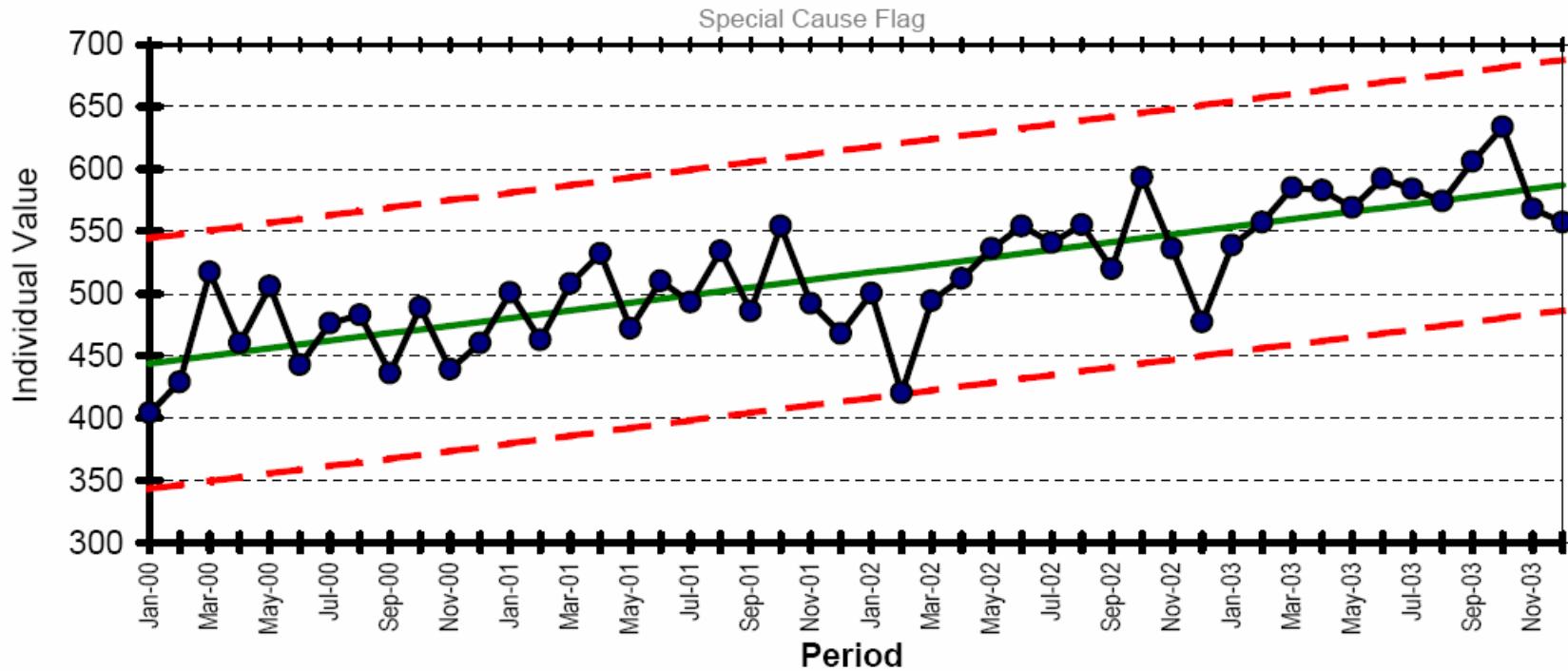
No Special Cause Detected

Last Center Value	23.7227891
Last Data Value	23
Sigma for Limits	5.493
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.2104 per period	Annualized Slope = -2.525 per year	Database Column 13
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.001		X. Excluded or Missing Data
Slope/Center = -0.8868%	Slope/Sigma = -0.03830	Center/Sigma = 4.319

Num incidents at Office/Business



No Special Cause Detected

Last Center Value 587.068878
 Last Data Value 557
 Sigma for Limits 33.57
 Base for Limits Average MR

Chart Type: Linear Trend

Slope = 3.048 per period Annualized Slope = 36.58 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = 0.5192% Slope/Sigma = 0.09080

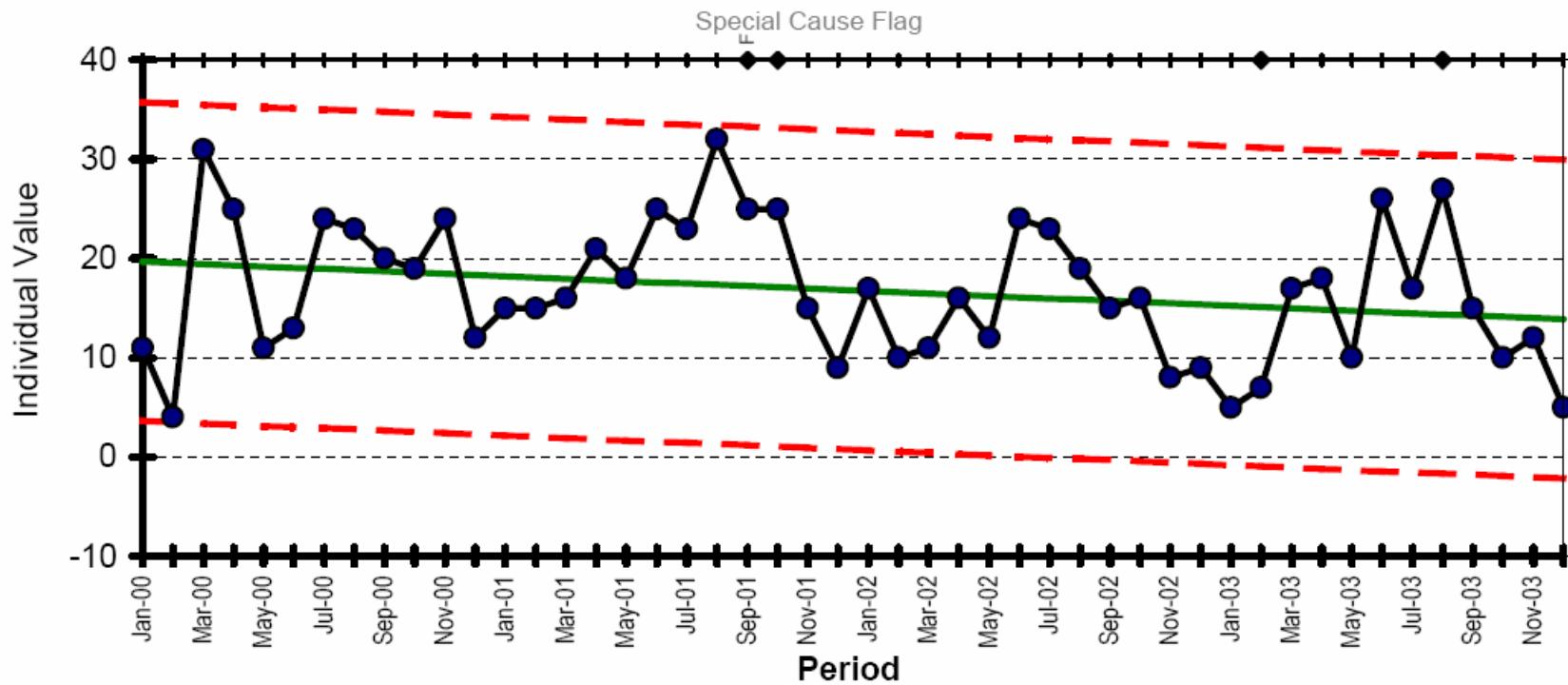
Database Column

14

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 17.49

Num incidents at Farm



Special Cause(s) Detected

Last Center Value	13.8588435
Last Data Value	5
Sigma for Limits	5.355
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.1239 per period Annualized Slope = -1.487 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.088

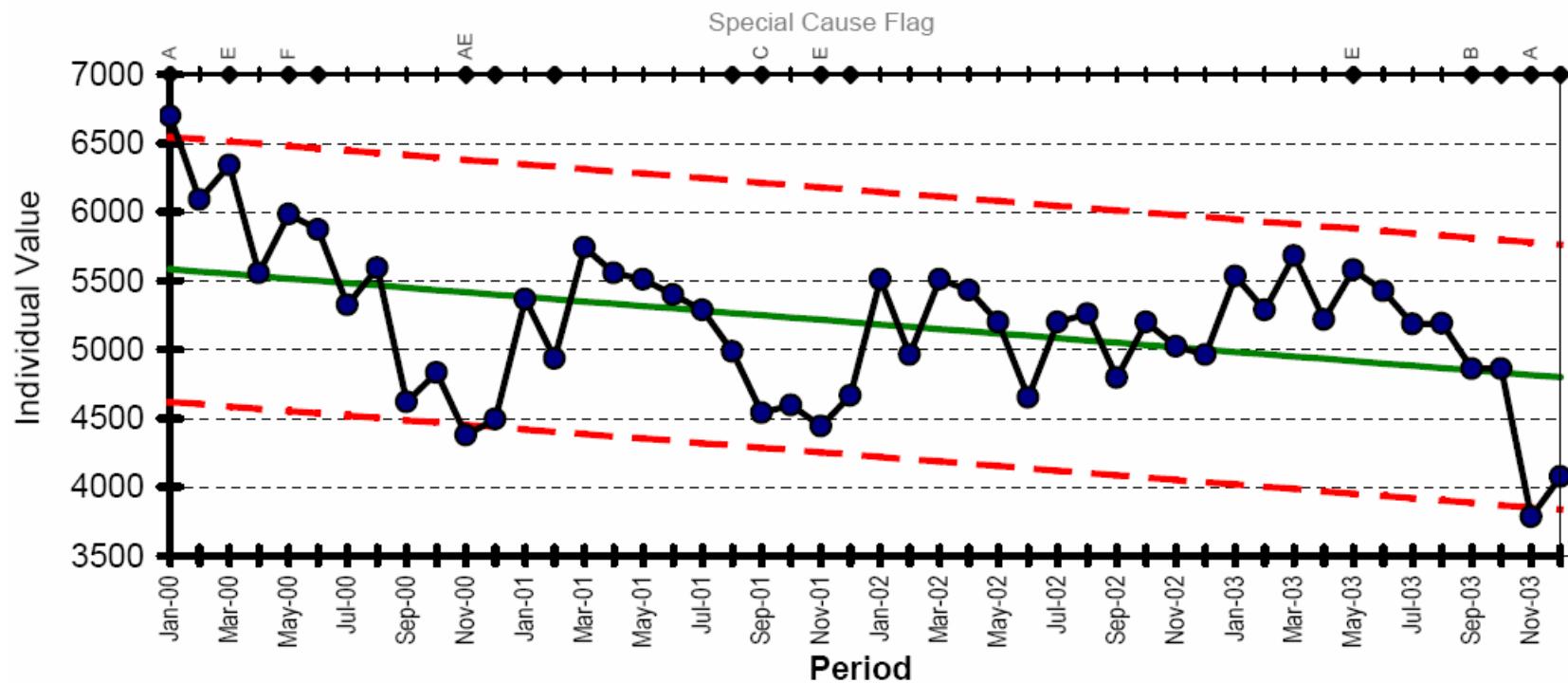
Slope/Center = -0.0941% Slope/Sigma = -0.02314

Database Column

15

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 2.588

Num incidents at Acute Care Facility



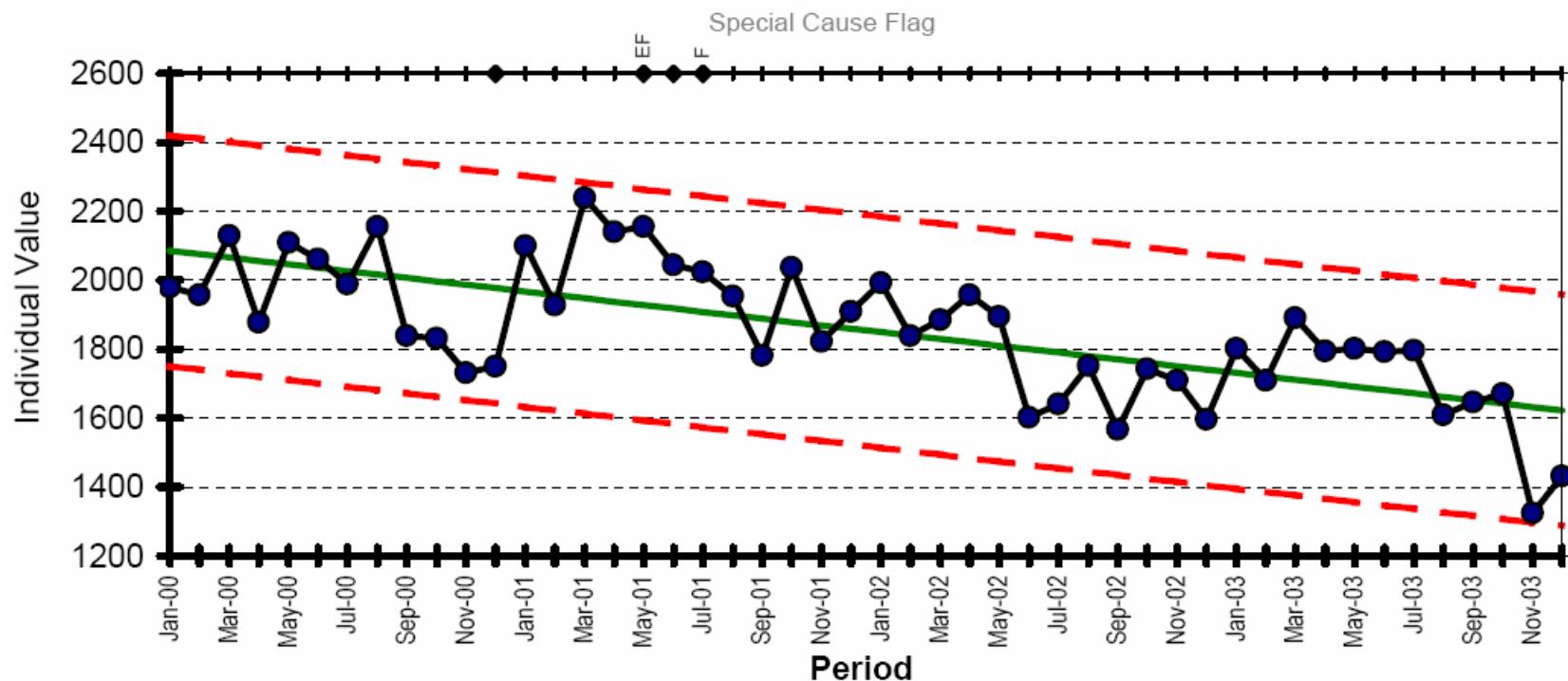
Special Cause(s) Detected

Last Center Value	4798.74405
Last Data Value	4074
Sigma for Limits	321.2
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -16.69 per period	Annualized Slope = -200.3 per year	Database Column 16
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.003		X. Excluded or Missing Data
Slope/Center = -0.3479% Slope/Sigma = -0.05197		Center/Sigma = 14.94

Num incidents at Clinic/Dr.'s Office



Special Cause(s) Detected

Last Center Value	1622.39371
Last Data Value	1431
Sigma for Limits	111.8
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -9.857 per period Annualized Slope = -118.3 per year

17

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

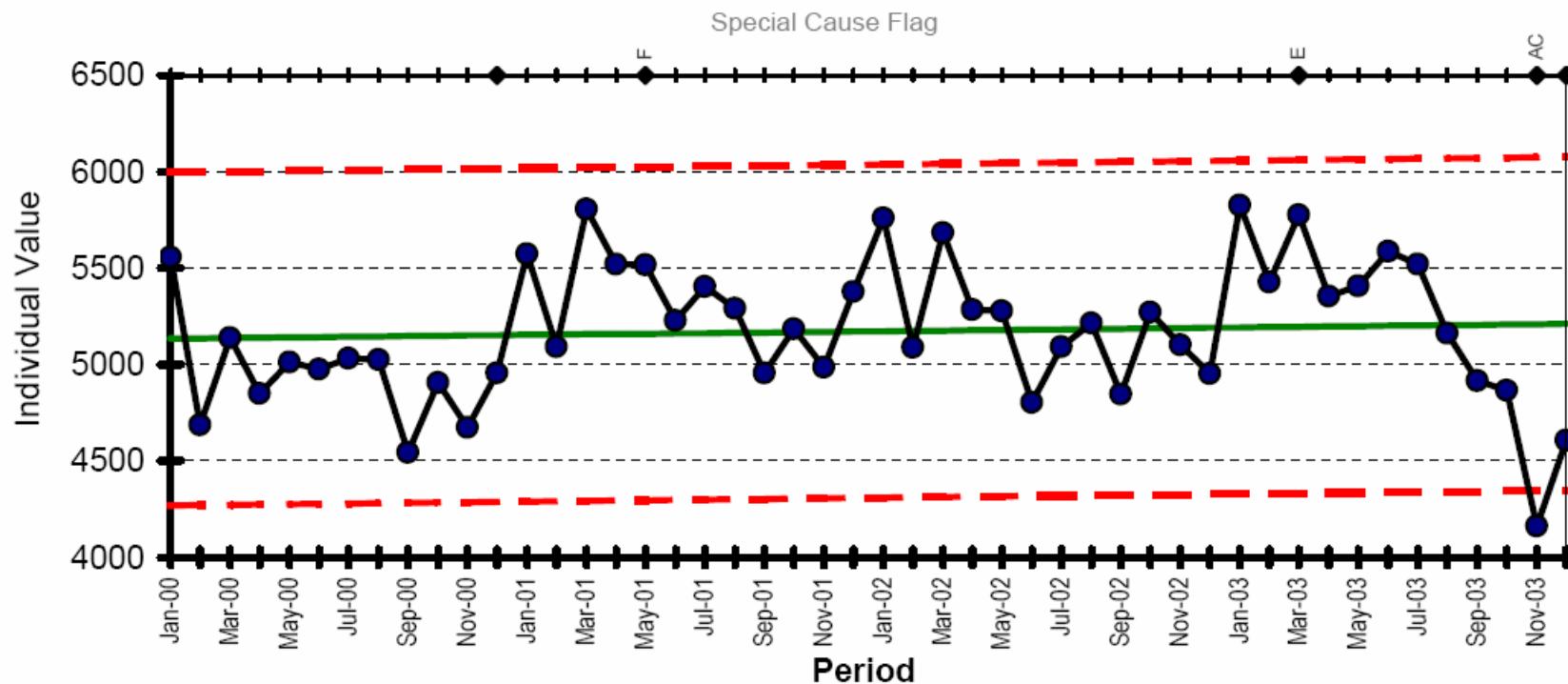
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000

Slope/Center = -0.6076% Slope/Sigma = -0.08817

Center/Sigma = 14.51

Num incidents at Extended Care Facility



Special Cause(s) Detected

Last Center Value	5211.08759
Last Data Value	4608
Sigma for Limits	288.1
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 1.638 per period Annualized Slope = 19.65 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.666

Slope/Center = 0.03143% Slope/Sigma = 0.005684

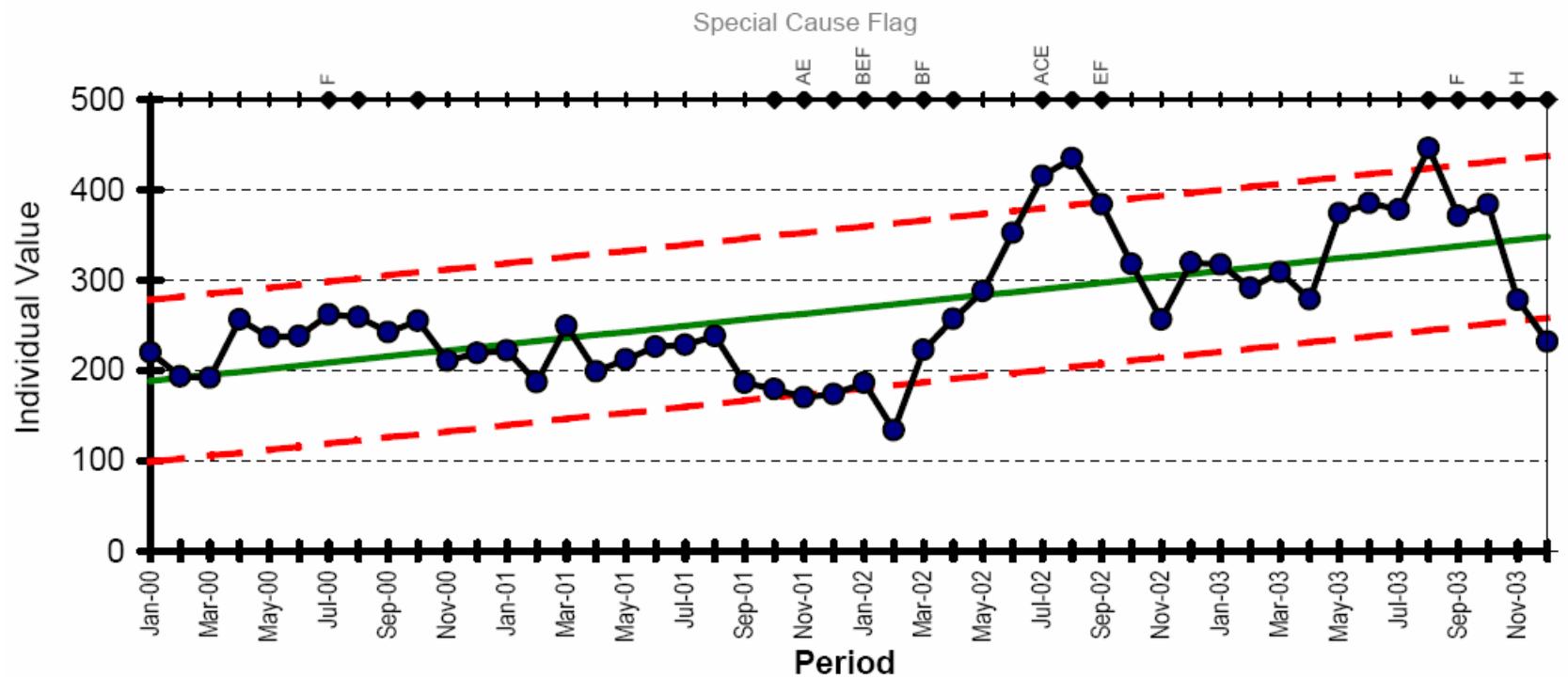
Database Column

18

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 18.09

Num incidents at EMS Rendevous



Special Cause(s) Detected

Last Center Value	347.723639
Last Data Value	232
Sigma for Limits	29.88
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 3.392 per period Annualized Slope = 40.70 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = 0.9754% Slope/Sigma = 0.1135

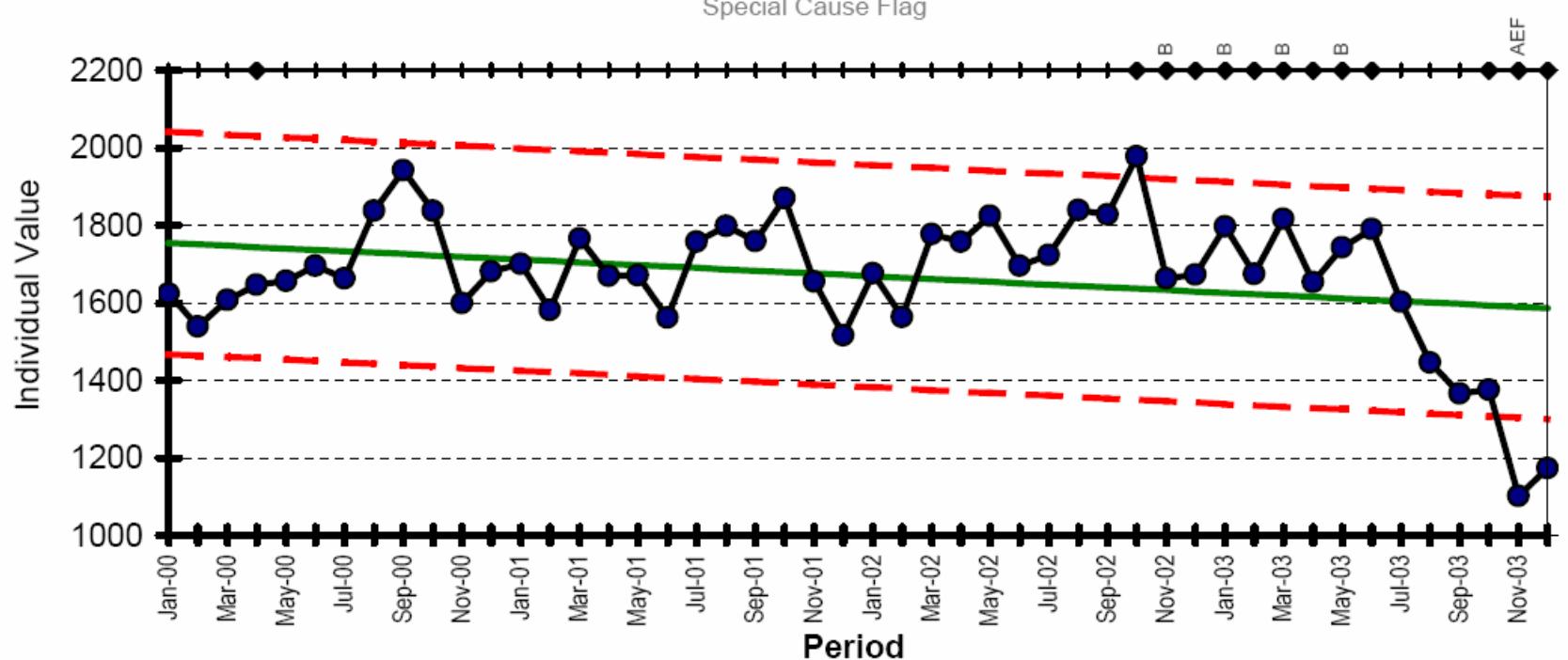
Database Column

19

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 11.64

Num incidents at Other



Special Cause(s) Detected

Last Center Value	1586.125
Last Data Value	1173
Sigma for Limits	95.59
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -3.580 per period Annualized Slope = -42.96 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.042

Slope/Center = -0.2257% Slope/Sigma = -0.03745

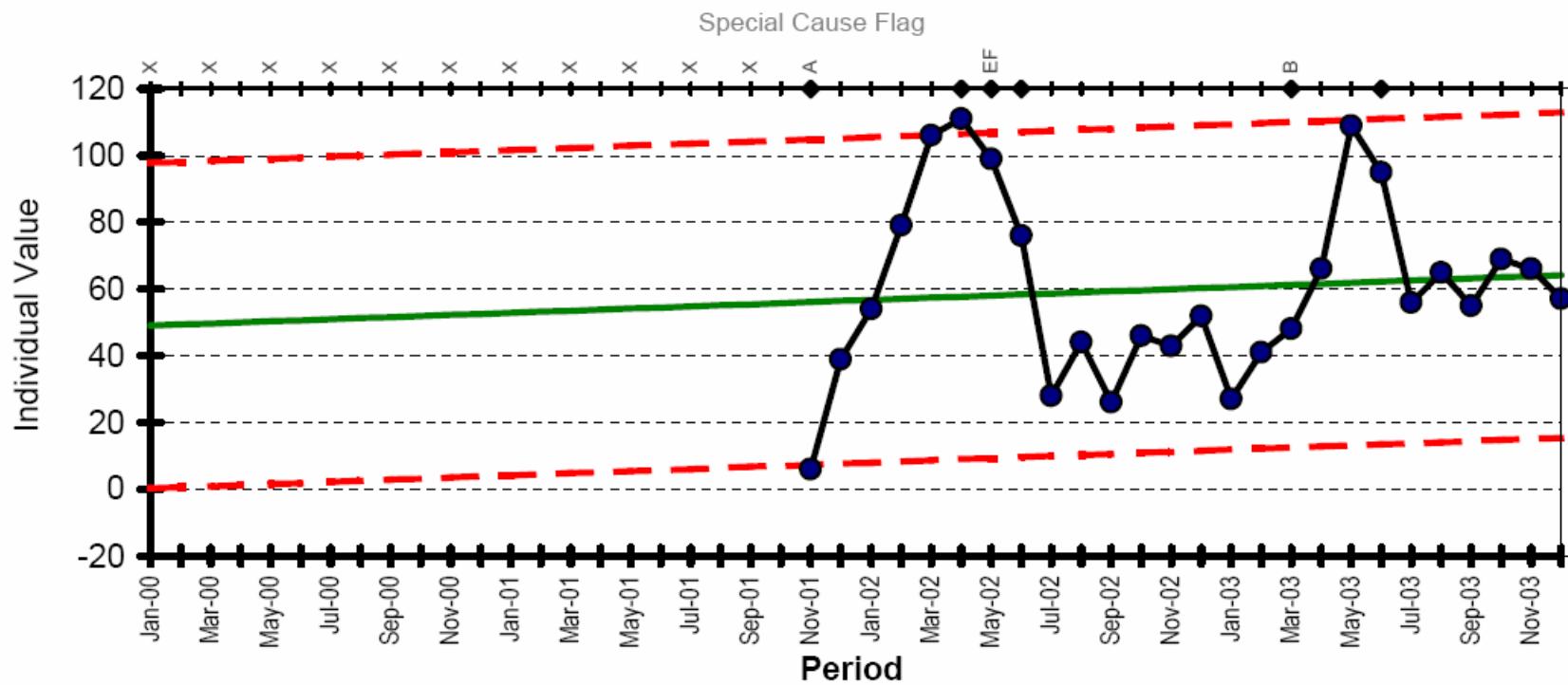
Database Column

20

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 16.59

Num incidents at (unknown code)



Special Cause(s) Detected

Last Center Value	64.1367521
Last Data Value	57
Sigma for Limits	16.24
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.3217 per period Annualized Slope = 3.861 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.662

Slope/Center = 0.5016% Slope/Sigma = 0.01981

Database Column

21

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 3.949

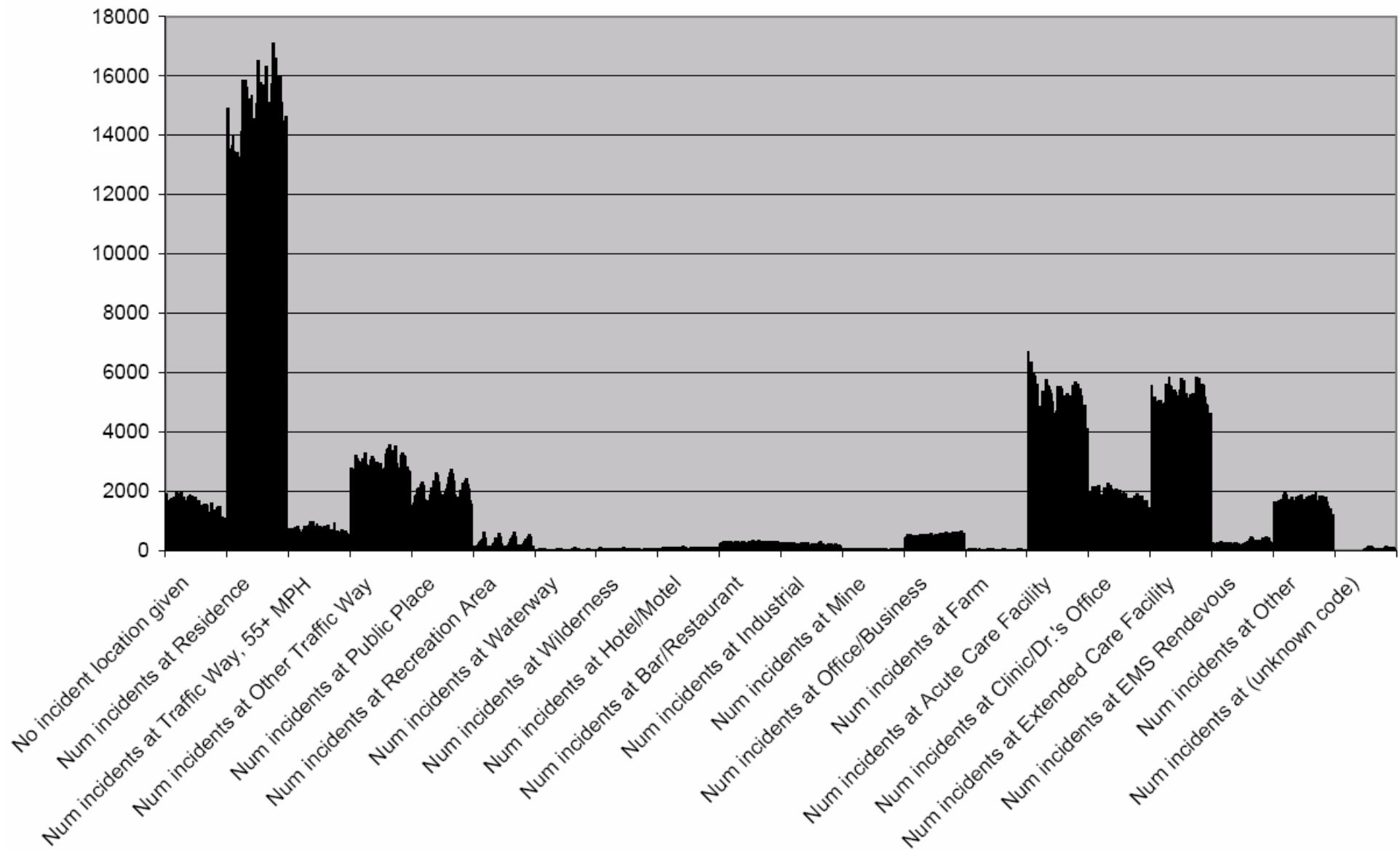
INCIDENT LOCATION

Absolute numbers

„Putting it all together“

- Not entered
- Residence
- Traffic way, 55+ MPH
- Other traffic way
- Public place
- Recreation area
- Waterway
- Wilderness
- Hotel/Motel
- Bar/Restaurant
- Industrial
- Mine
- Office/Business
- Farm
- Acute Care Facility
- Clinic/Dr.'s office
- Extended care facility
- EMS Rendevous
- Other
- Unknown code

Incident Location (absolute)

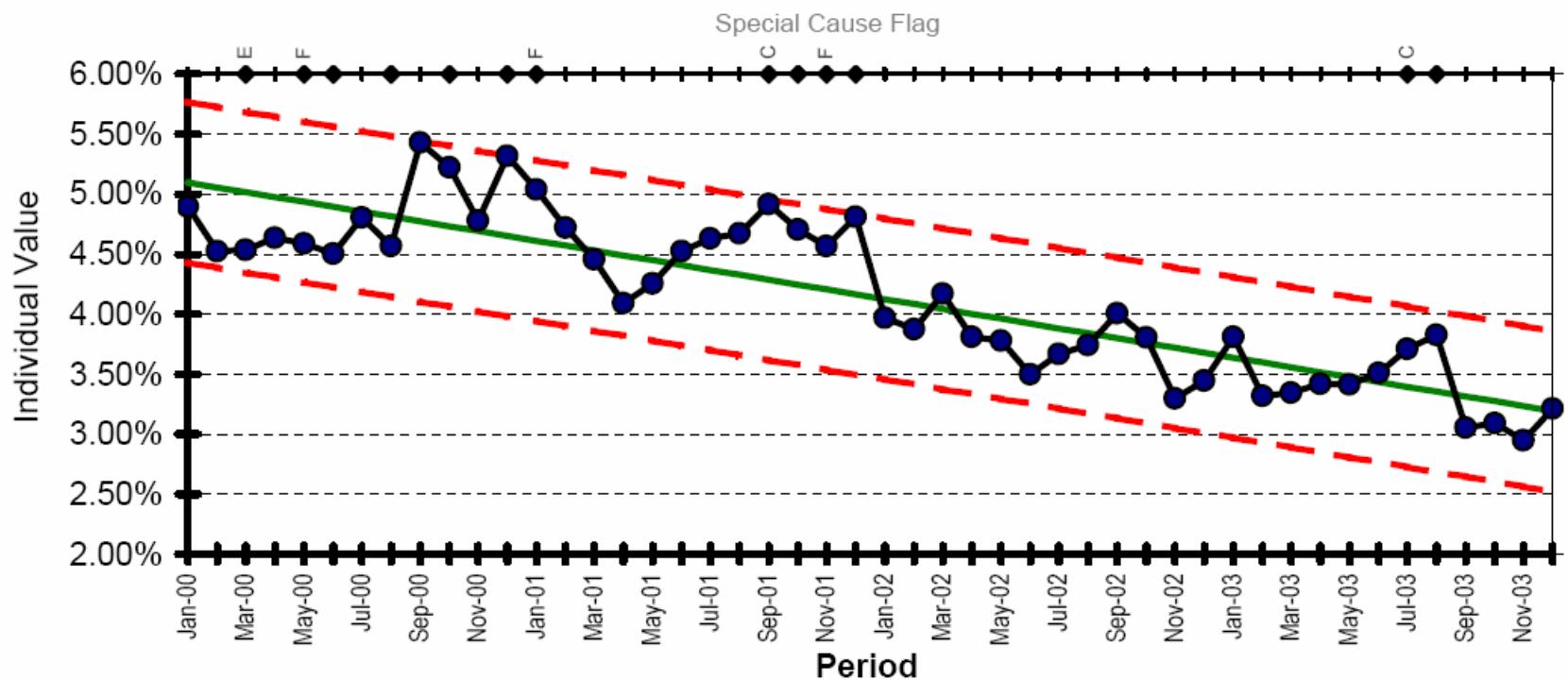


INCIDENT LOCATION

Relative numbers

- Not entered
- Residence
- Traffic way, 55+ MPH
- Other traffic way
- Public place
- Recreation area
- Waterway
- Wilderness
- Hotel/Motel
- Bar/Restaurant
- Industrial
- Mine
- Office/Business
- Farm
- Acute Care Facility
- Clinic/Dr.'s office
- Extended care facility
- EMS Rendevous
- Other
- Unknown code

% No incident location given



Special Cause(s) Detected	
Last Center Value	0.03191456
Last Data Value	0.03211648
Sigma for Limits	0.002231
Base for Limits	Average MR

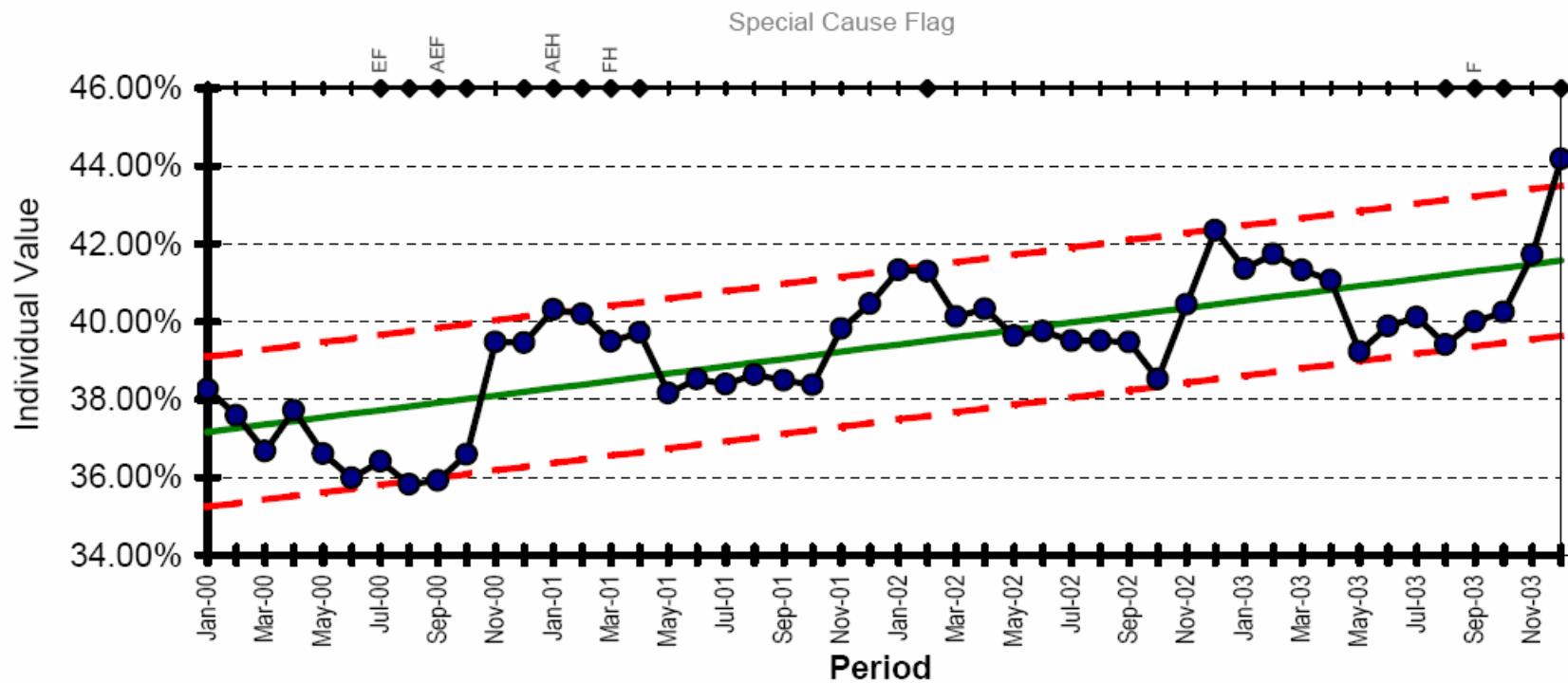
Chart Type: Linear Trend
 Slope = -0.0004052 per period Annualized Slope = -0.004863 per year Database Column 22

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -1.270% Slope/Sigma = -0.1816 Center/Sigma = 14.30

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% incidents at Residence



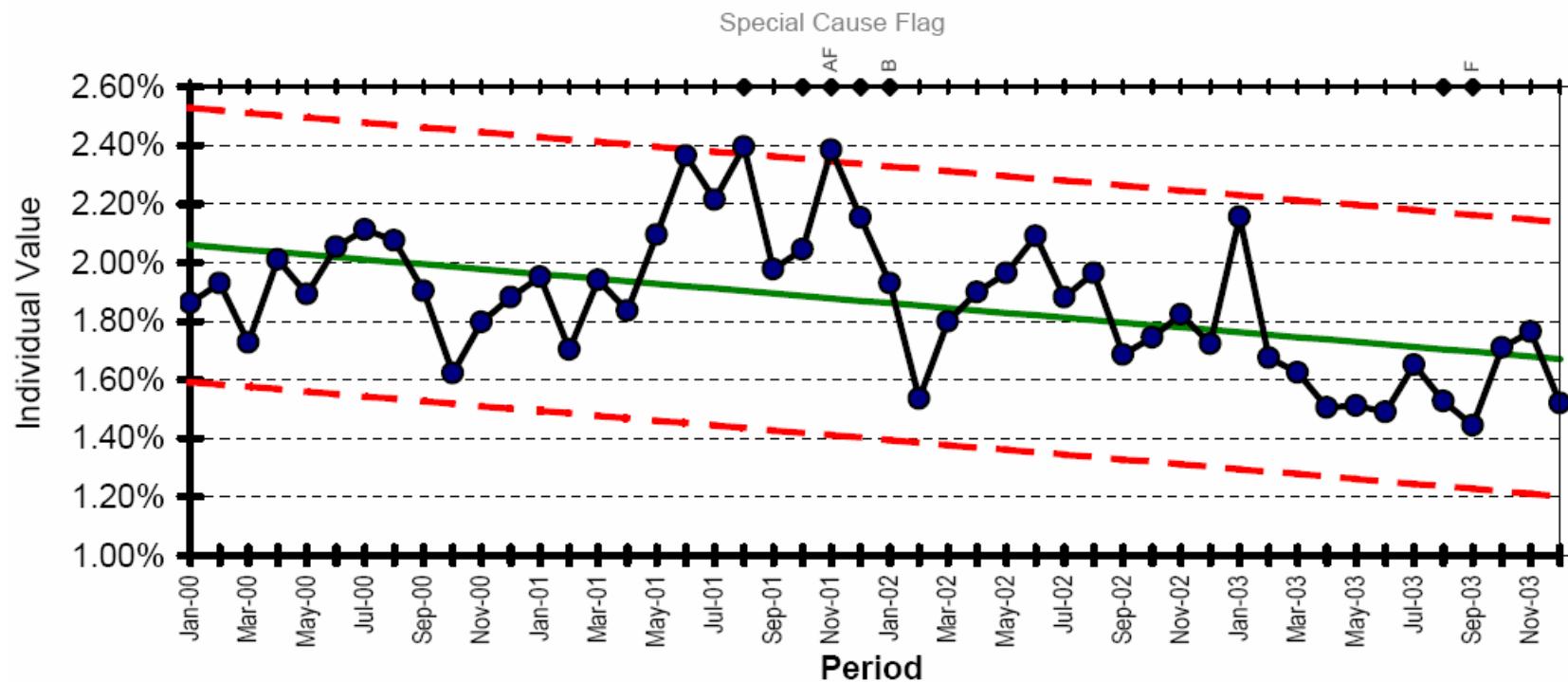
Special Cause(s) Detected

Last Center Value	0.41570197
Last Data Value	0.44185131
Sigma for Limits	0.006426
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0009370 per period Annualized Slope = 0.01124 per year
 Database Column 23
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.000
 Slope/Center = 0.2254% Slope/Sigma = 0.1458 Center/Sigma = 64.69
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% incidents at Traffic Way, 55+ MPH



Special Cause(s) Detected

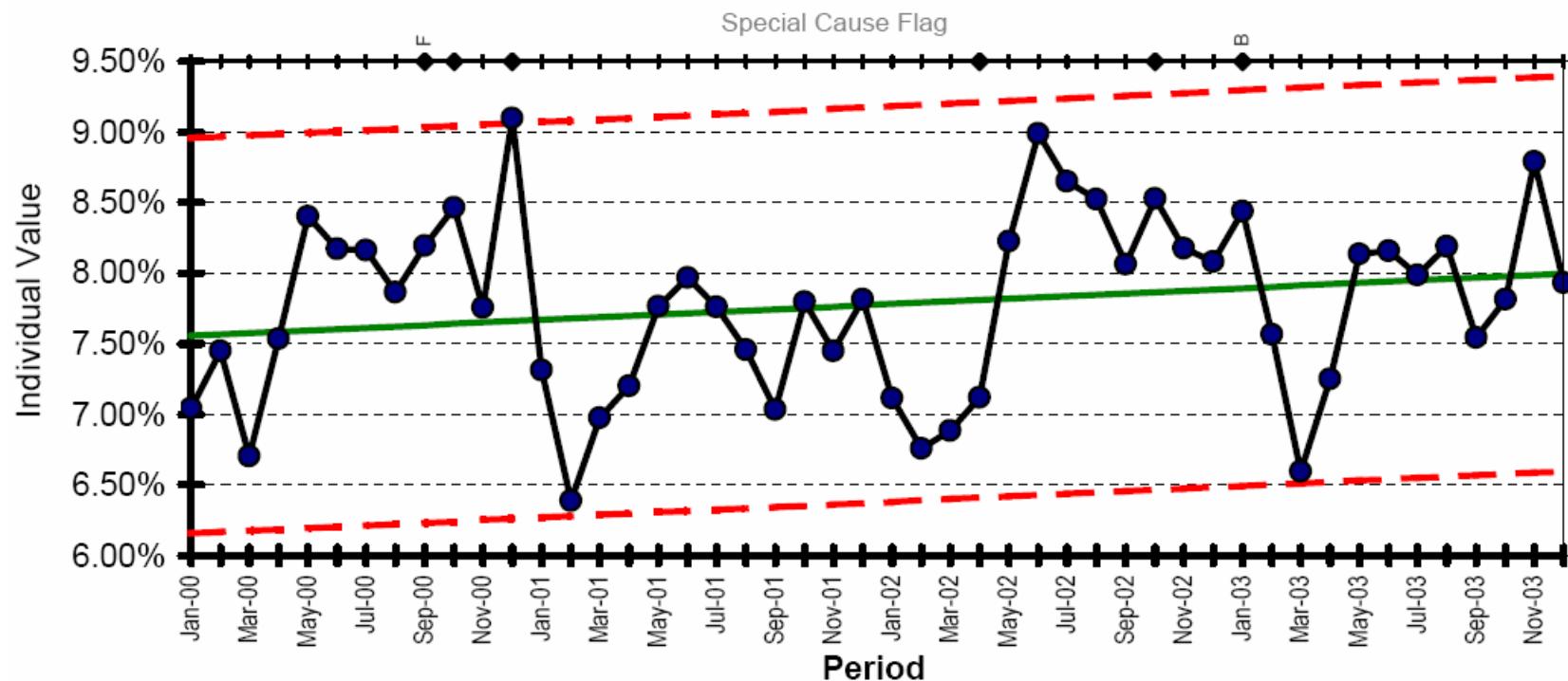
Last Center Value	0.01670772
Last Data Value	0.01519554
Sigma for Limits	0.001559
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.00008286 per period Annualized Slope = -0.0009944 per year Database Column 24

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Current prob of no trend = 0.001
 Slope/Center = -0.4960% Slope/Sigma = -0.05315 Center/Sigma = 10.72

% incidents at Other Traffic Way



Special Cause(s) Detected

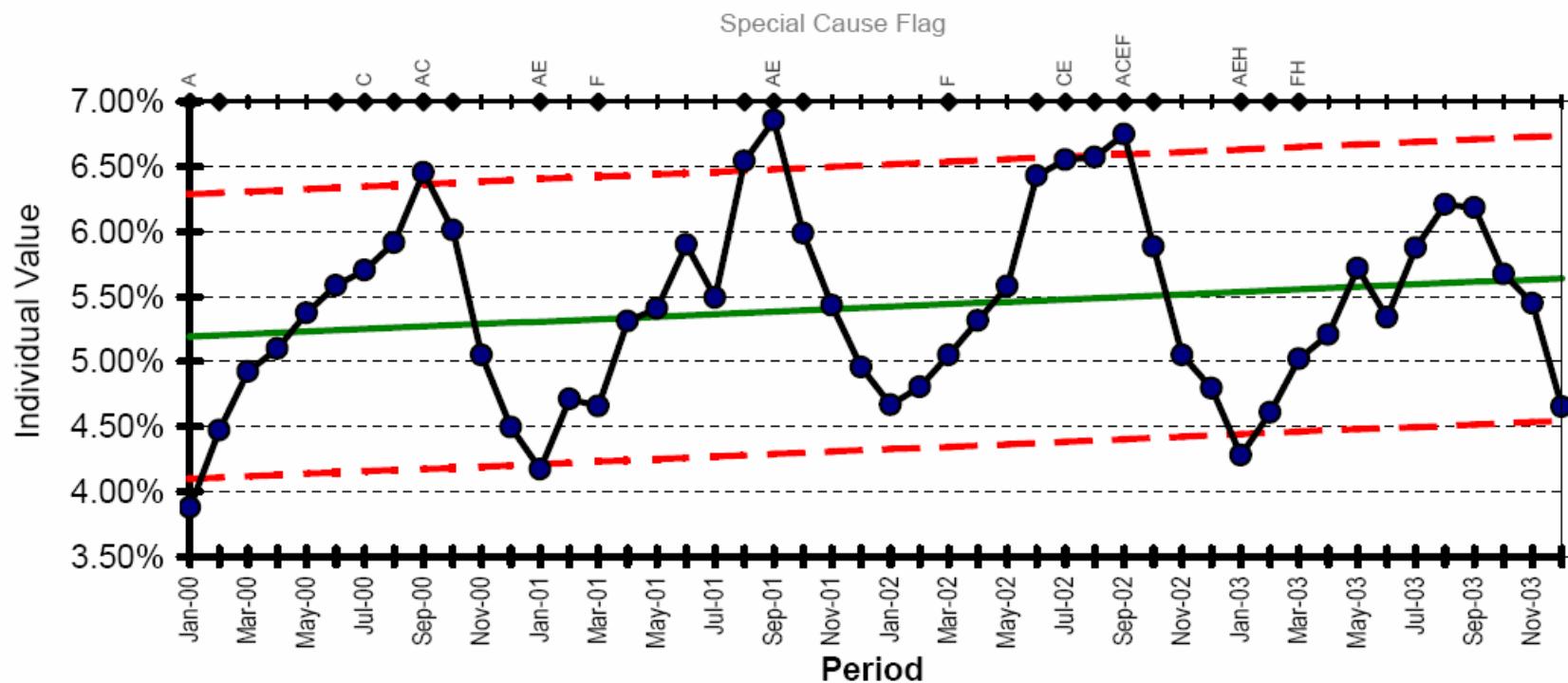
Last Center Value 0.07996967
 Last Data Value 0.07933769
 Sigma for Limits 0.004668
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00009349 per period Annualized Slope = 0.001122 per year
 Database Column 25
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.163
 Slope/Center = 0.1169% Slope/Sigma = 0.02003
 Center/Sigma = 17.13
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% incidents at Public Place



Special Cause(s) Detected

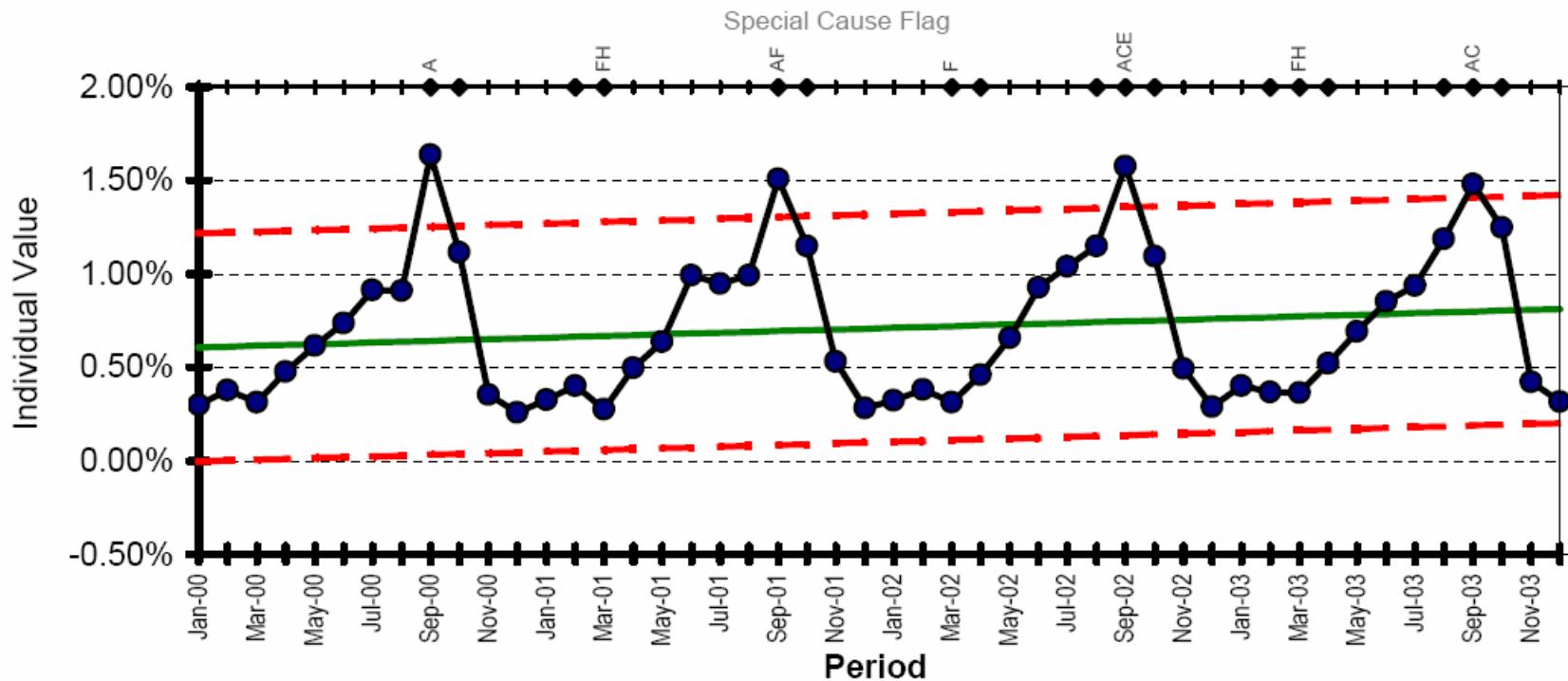
Last Center Value	0.05641949
Last Data Value	0.046525
Sigma for Limits	0.003652
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00009522 per period	Annualized Slope = 0.001143 per year	Database Column 26
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.211		X. Excluded or Missing Data
Slope/Center = 0.1688%	Slope/Sigma = 0.02607	Center/Sigma = 15.45

% incidents at Recreation Area



Special Cause(s) Detected

Last Center Value	0.0081176
Last Data Value	0.00317835
Sigma for Limits	0.002034
Base for Limits	Average MR

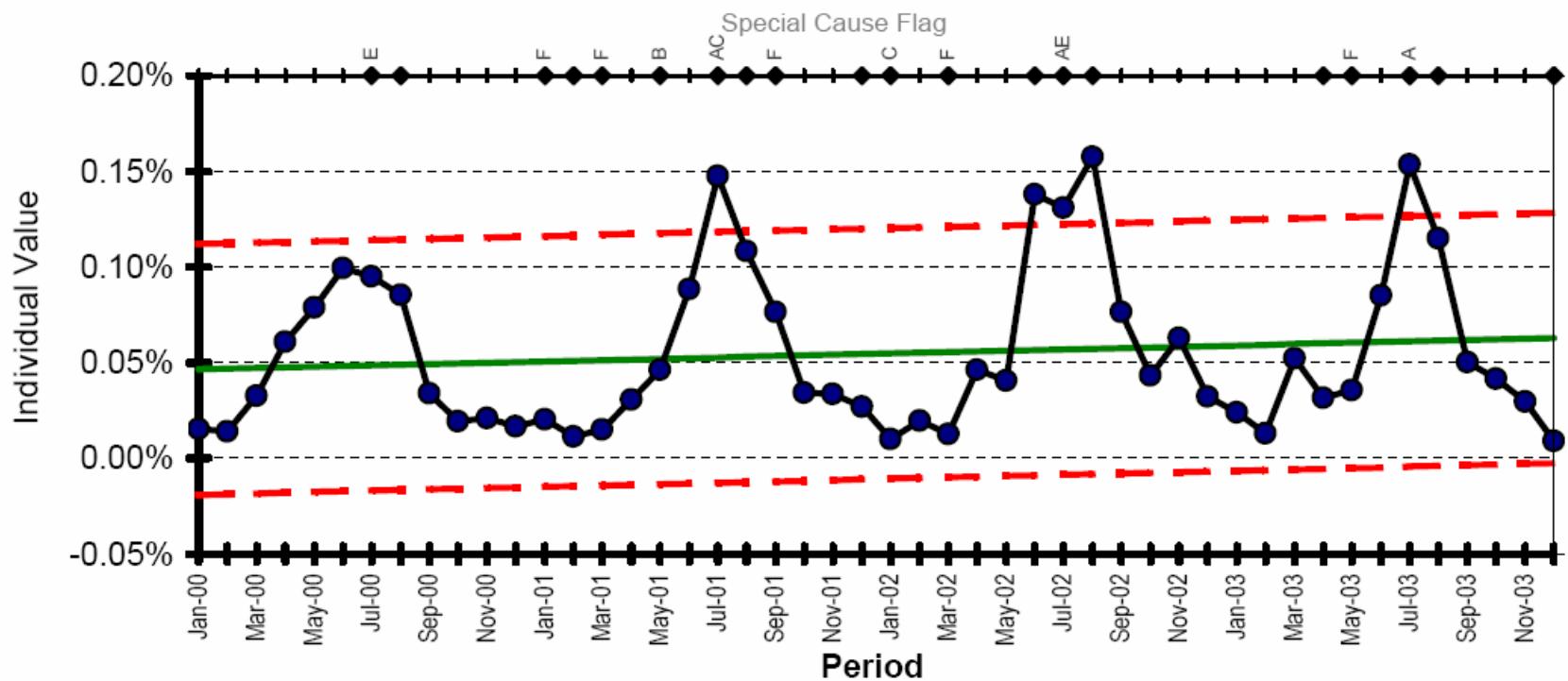
There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00004357 per period	Annualized Slope = 0.0005229 per year	Database Column
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.298		X. Excluded or Missing Data
Slope/Center = 0.5368%	Slope/Sigma = 0.02142	Center/Sigma = 3.991

27

% incidents at Waterway



Special Cause(s) Detected

Last Center Value 0.00062876
 Last Data Value 9.081E-05
 Sigma for Limits 0.0002183
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

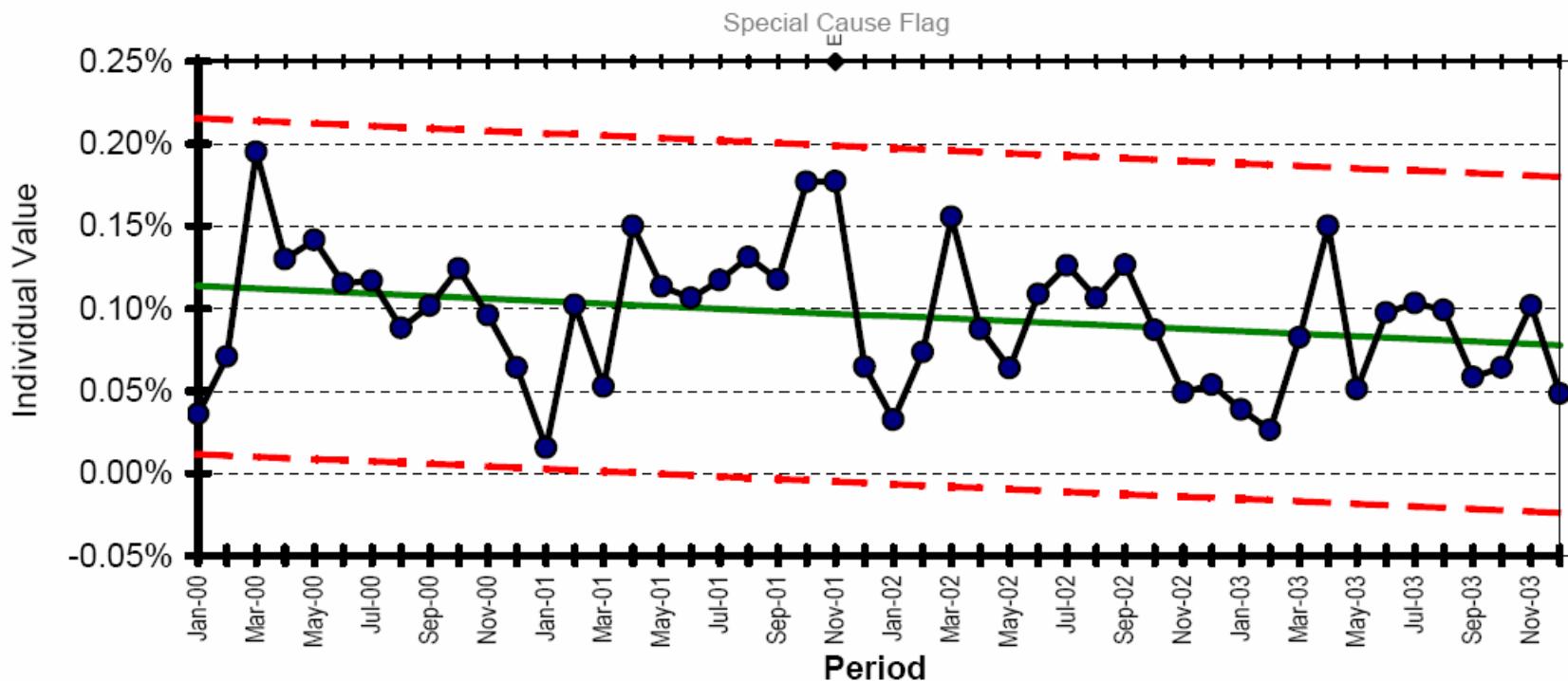
Slope = 0.000003491 per period Annualized Slope = 0.00004189 per year
 Database Column 28

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.433
 Slope/Center = 0.5552% Slope/Sigma = 0.01599
 Center/Sigma = 2.881

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% incidents at Wilderness



Special Cause(s) Detected	
Last Center Value	0.00077867
Last Data Value	0.00048432
Sigma for Limits	0.0003398
Base for Limits	Average MR

Chart Type: Linear Trend Database Column 29

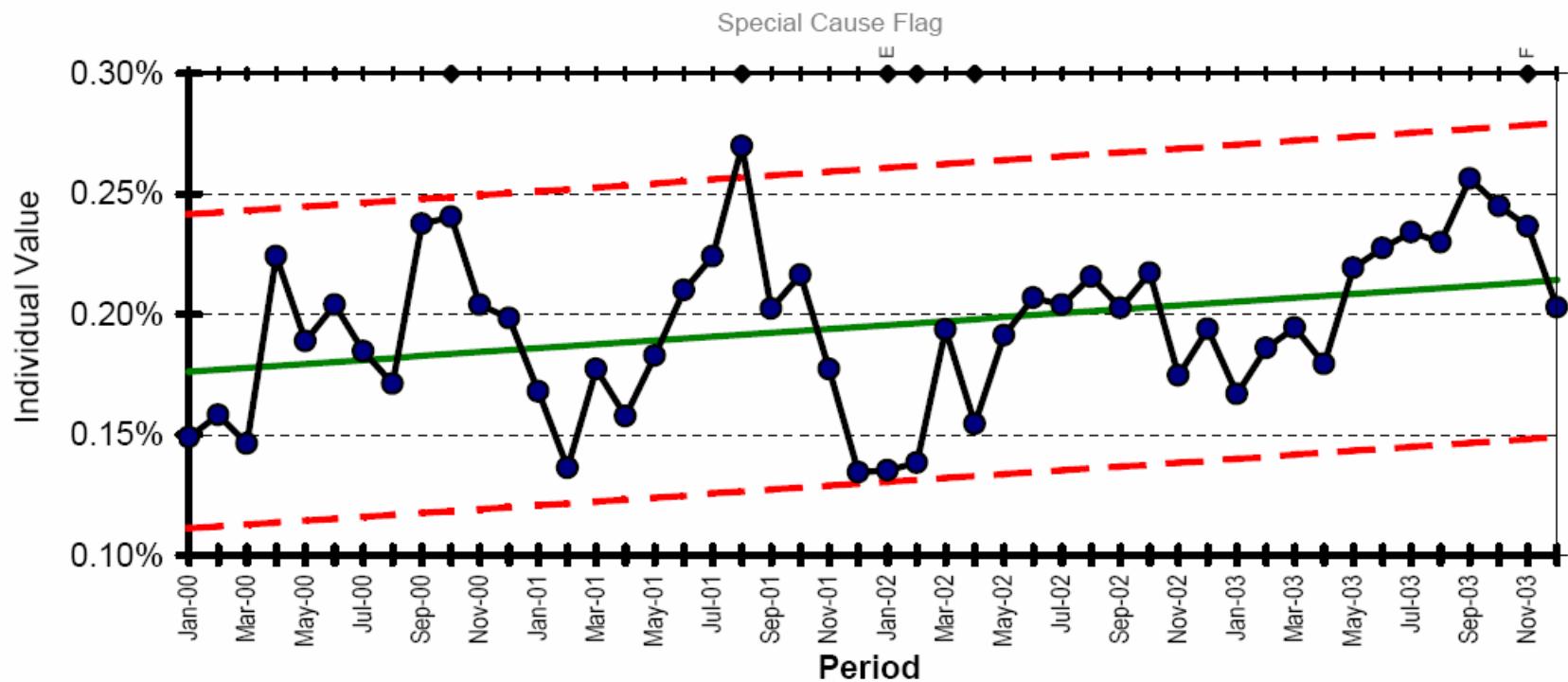
Slope = -0.000007609 per period Annualized Slope = -0.00009131 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Current prob of no trend = 0.079
 Slope/Center = -0.9772% Slope/Sigma = -0.02239 Center/Sigma = 2.291

% incidents at Hotel/Motel



Special Cause(s) Detected

Last Center Value	0.00214158
Last Data Value	0.00202809
Sigma for Limits	0.0002174
Base for Limits	Average MR

Chart Type: Linear Trend

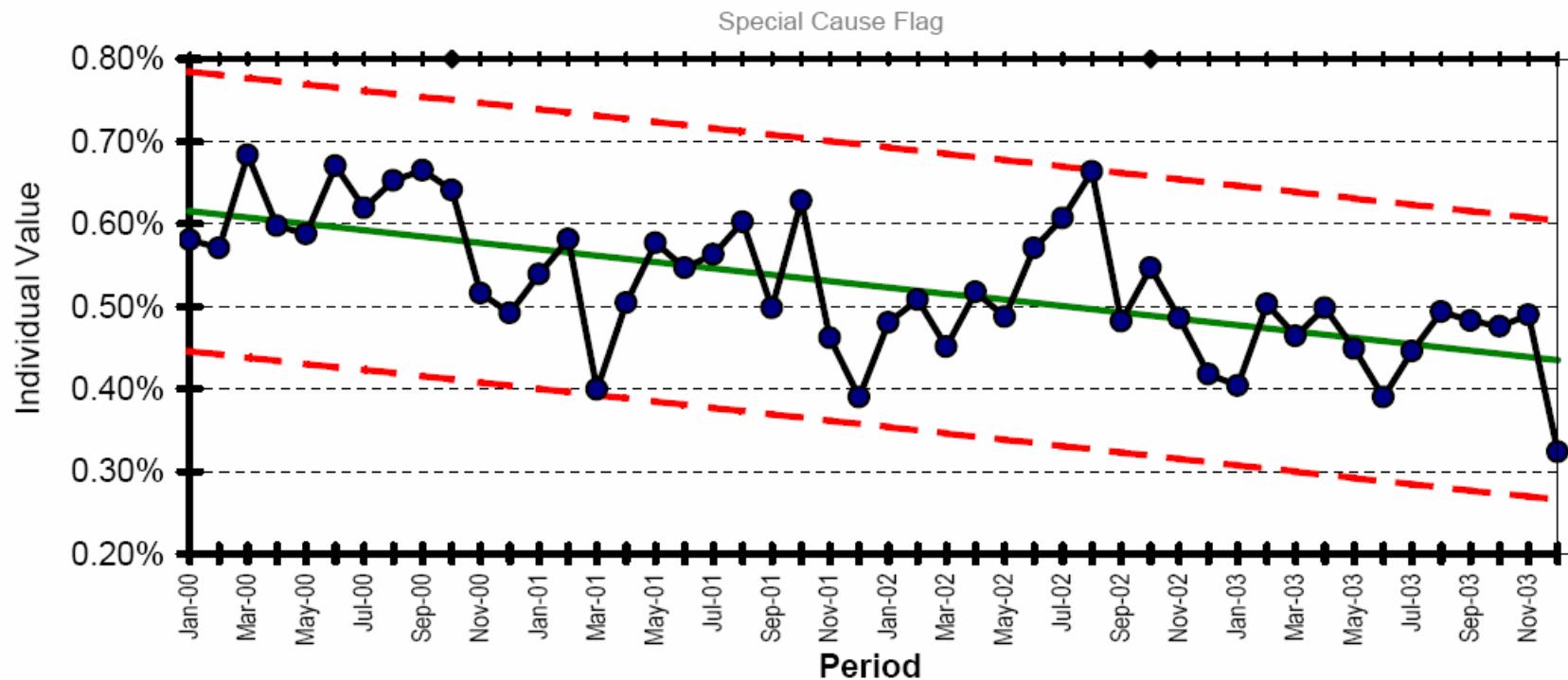
Slope = 0.000008072 per period Annualized Slope = 0.00009686 per year Database Column 30

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.018
 Slope/Center = 0.3769% Slope/Sigma = 0.03713 Center/Sigma = 9.851

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% incidents at Industrial



Special Cause(s) Detected

Last Center Value	0.00434775
Last Data Value	0.00323889
Sigma for Limits	0.0005649
Base for Limits	Average MR

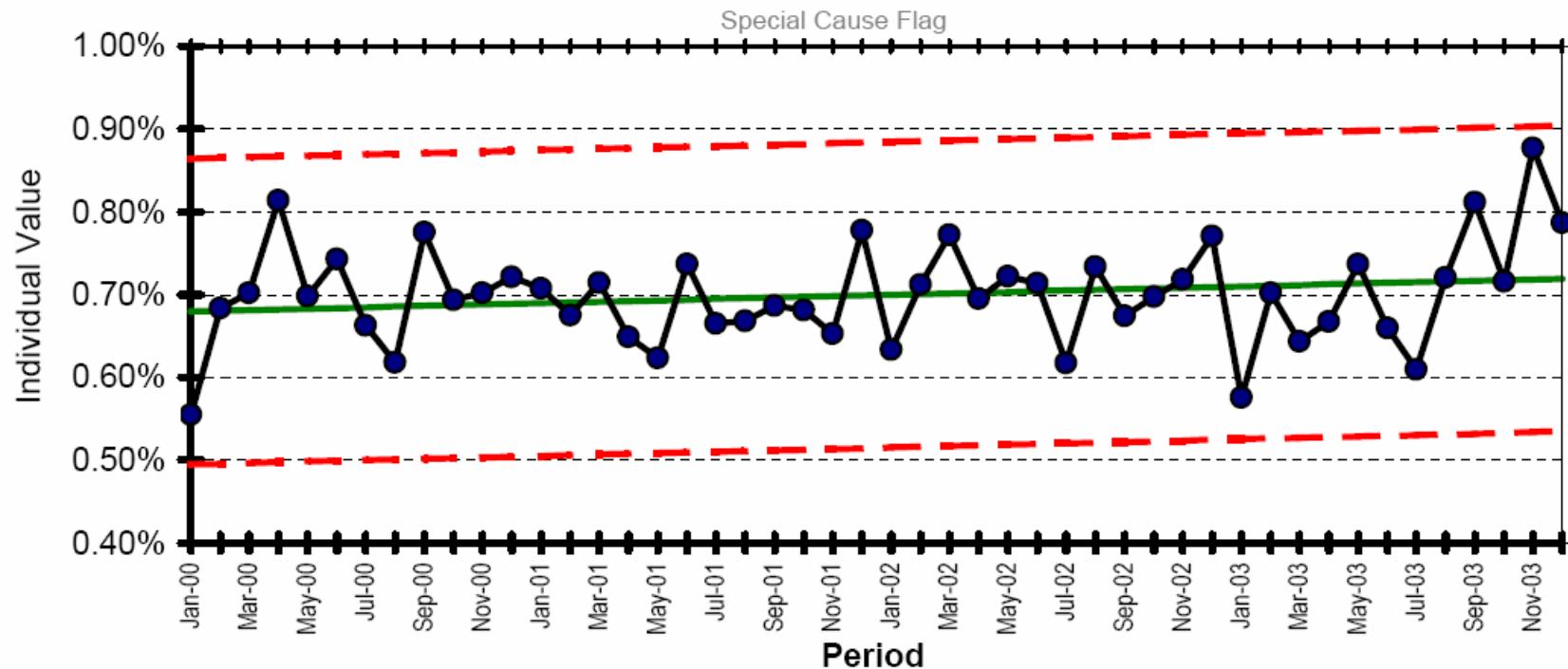
Chart Type: Linear Trend

Slope = -0.00003841 per period Annualized Slope = -0.0004609 per year Database Column 32

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -0.8835% Slope/Sigma = -0.06800 Center/Sigma = 7.697

% incidents at Bar/Restaurant



No Special Cause Detected

Last Center Value	0.00719074
Last Data Value	0.0078702
Sigma for Limits	0.0006151
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.000008420 per period Annualized Slope = 0.0001010 per year 31

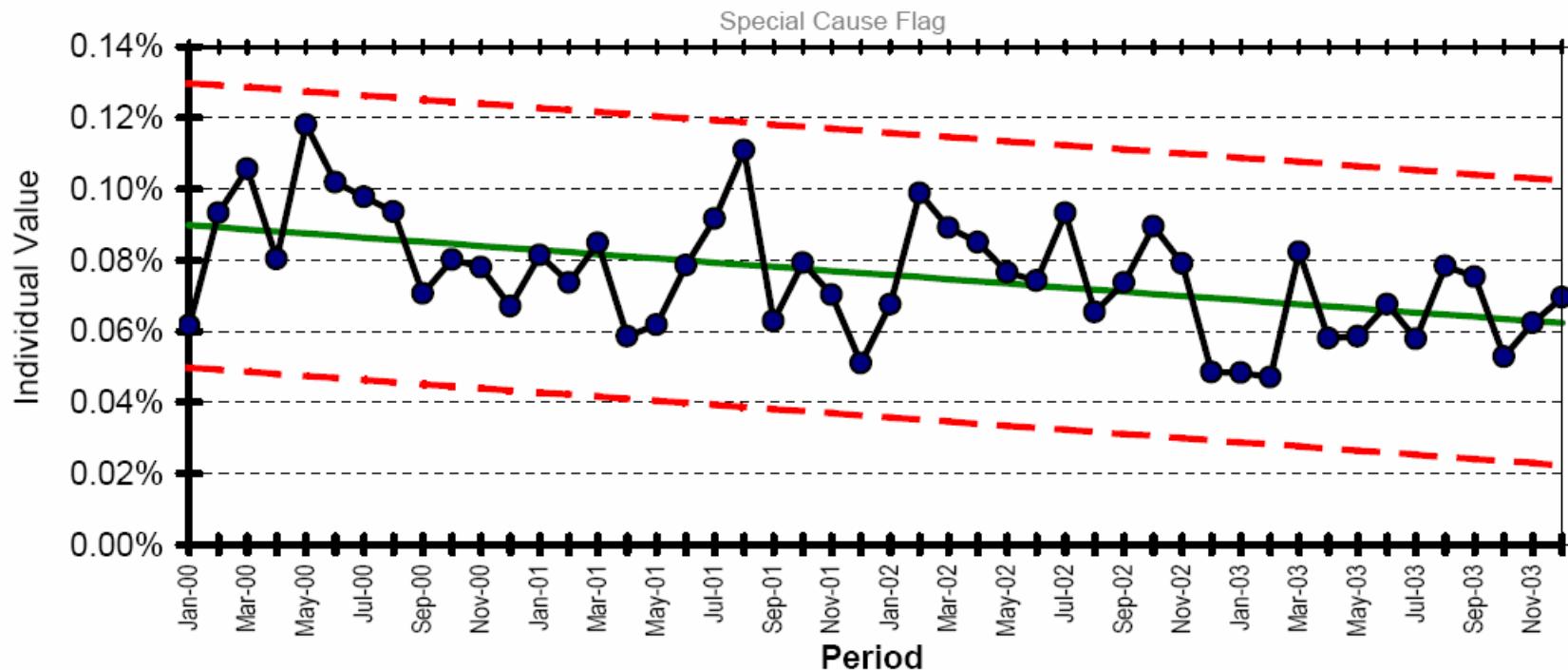
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.194
 Slope/Center = 0.1171% Slope/Sigma = 0.01369 Center/Sigma = 11.69

Database Column

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% incidents at Mine



No Special Cause Detected

Last Center Value	0.00062357
Last Data Value	0.00069621
Sigma for Limits	0.0001334
Base for Limits	Average MR

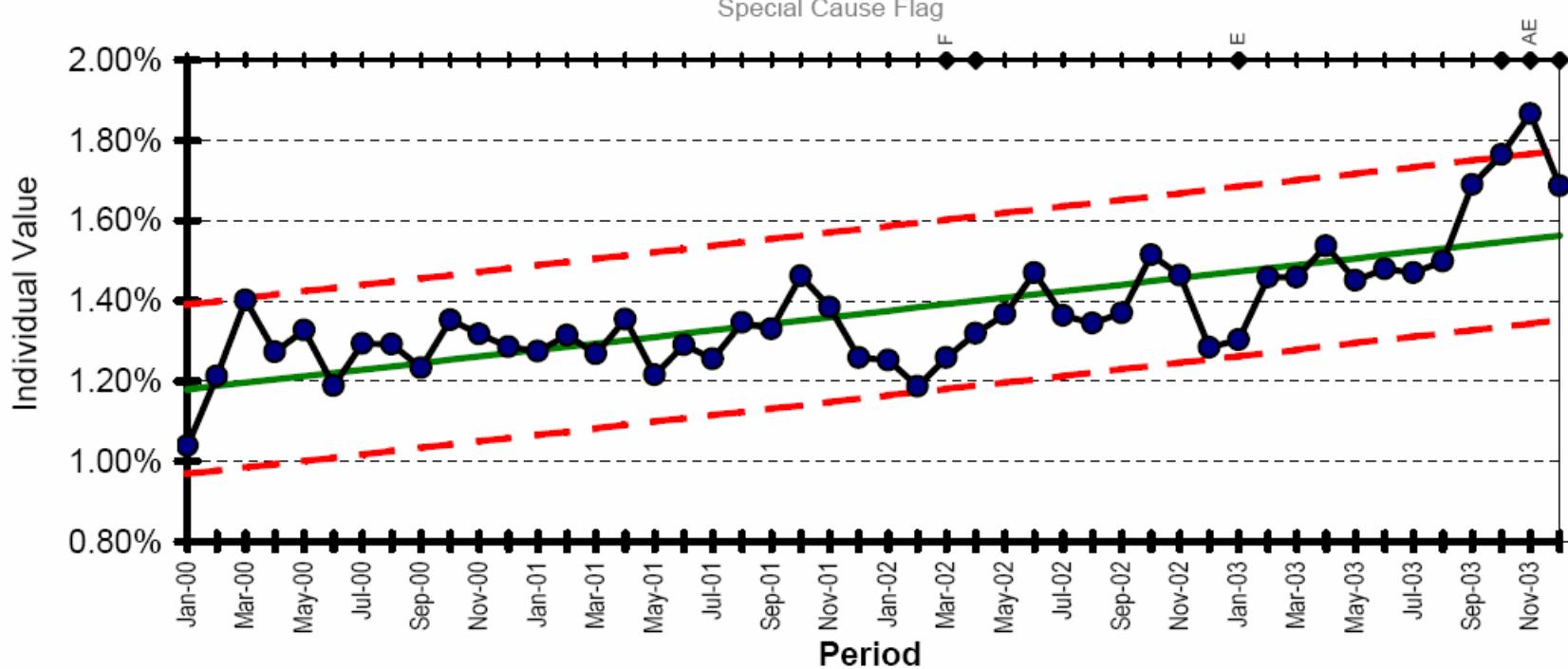
Chart Type: Linear Trend

Slope = -0.000005843 per period Annualized Slope = -0.00007012 per year Database Column 33

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -0.9370% Slope/Sigma = -0.04380 Center/Sigma = 4.675

% incidents at Office/Business



Special Cause(s) Detected

Last Center Value	0.01562852
Last Data Value	0.01686039
Sigma for Limits	0.0007043
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.00008155 per period Annualized Slope = 0.0009786 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

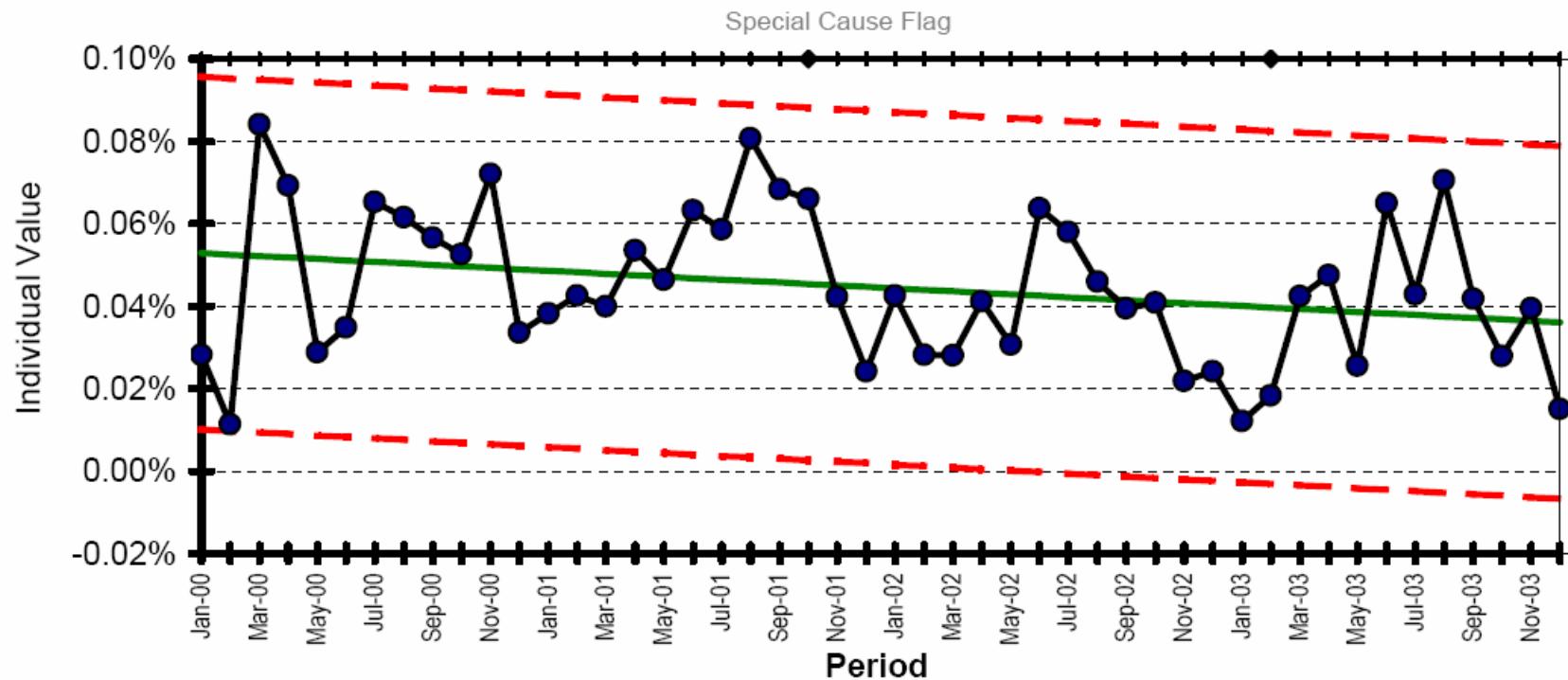
Current prob of no trend = 0.000
 Slope/Center = 0.5218% Slope/Sigma = 0.1158 Center/Sigma = 22.19

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Database Column

34

% incidents at Farm



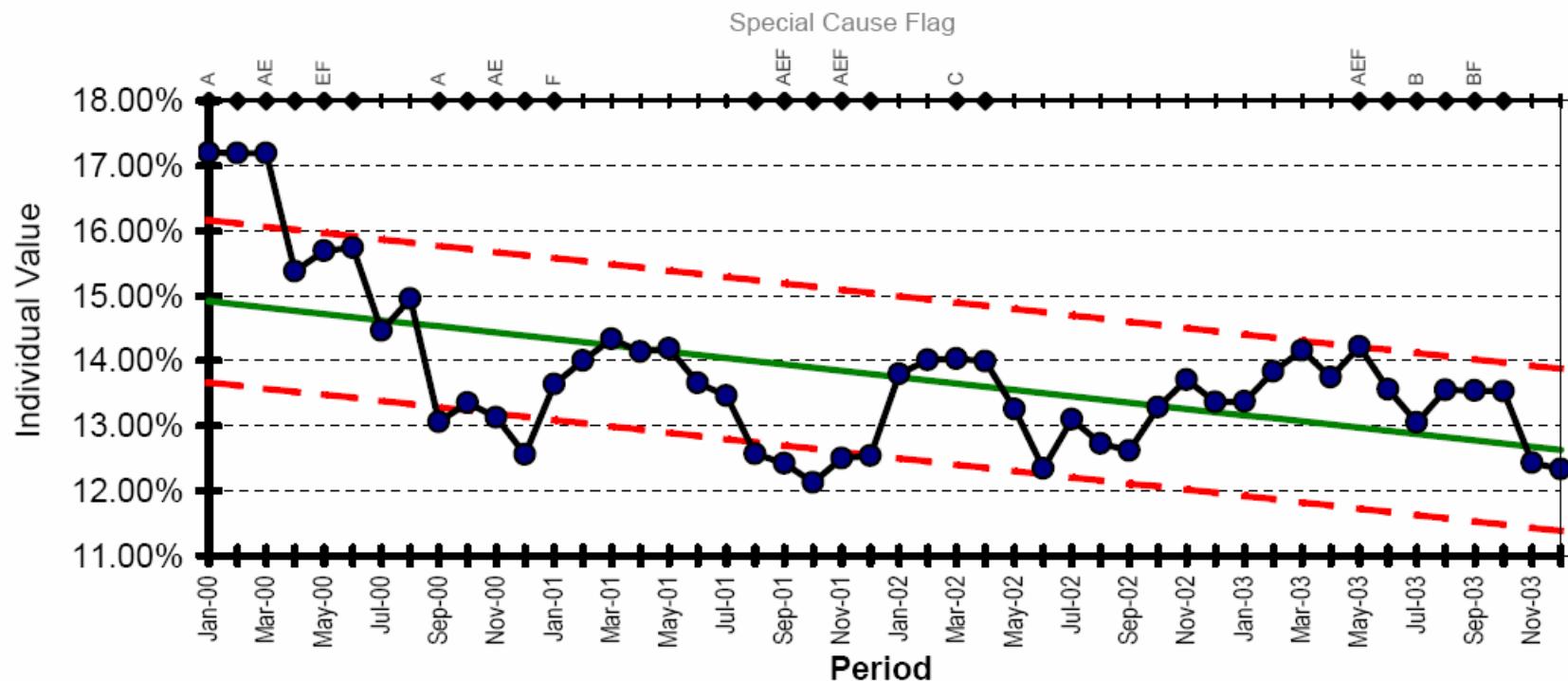
Special Cause(s) Detected

Last Center Value	0.00036078
Last Data Value	0.00015135
Sigma for Limits	0.0001426
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.000003571 per period	Annualized Slope = -0.00004285 per year	Database Column 35
A. 1 Beyond Control Limit		E. 2 or 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.061		X. Excluded or Missing Data
Slope/Center = -0.9898%	Slope/Sigma = -0.02504	Center/Sigma = 2.530

% incidents at Acute Care Facility



Special Cause(s) Detected

Last Center Value	0.12628357
Last Data Value	0.12332001
Sigma for Limits	0.004152
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0004875 per period Annualized Slope = -0.005850 per year

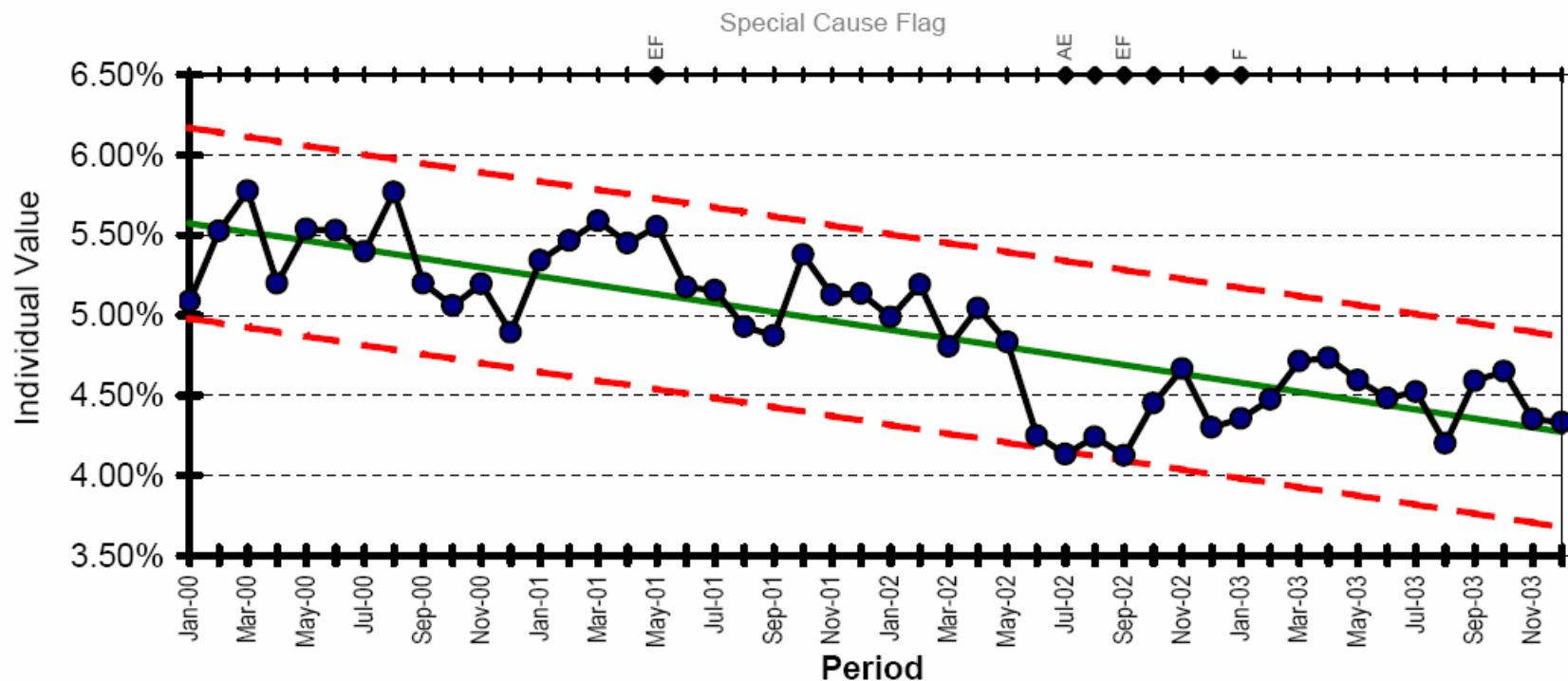
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -0.3860% Slope/Sigma = -0.1174 Center/Sigma = 30.42

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

36

% incidents at Clinic/Dr.'s Office



Special Cause(s) Detected	
Last Center Value	0.04273476
Last Data Value	0.04331638
Sigma for Limits	0.001983
Base for Limits	Average MR

Chart Type: Linear Trend
 Slope = -0.0002768 per period Annualized Slope = -0.003322 per year

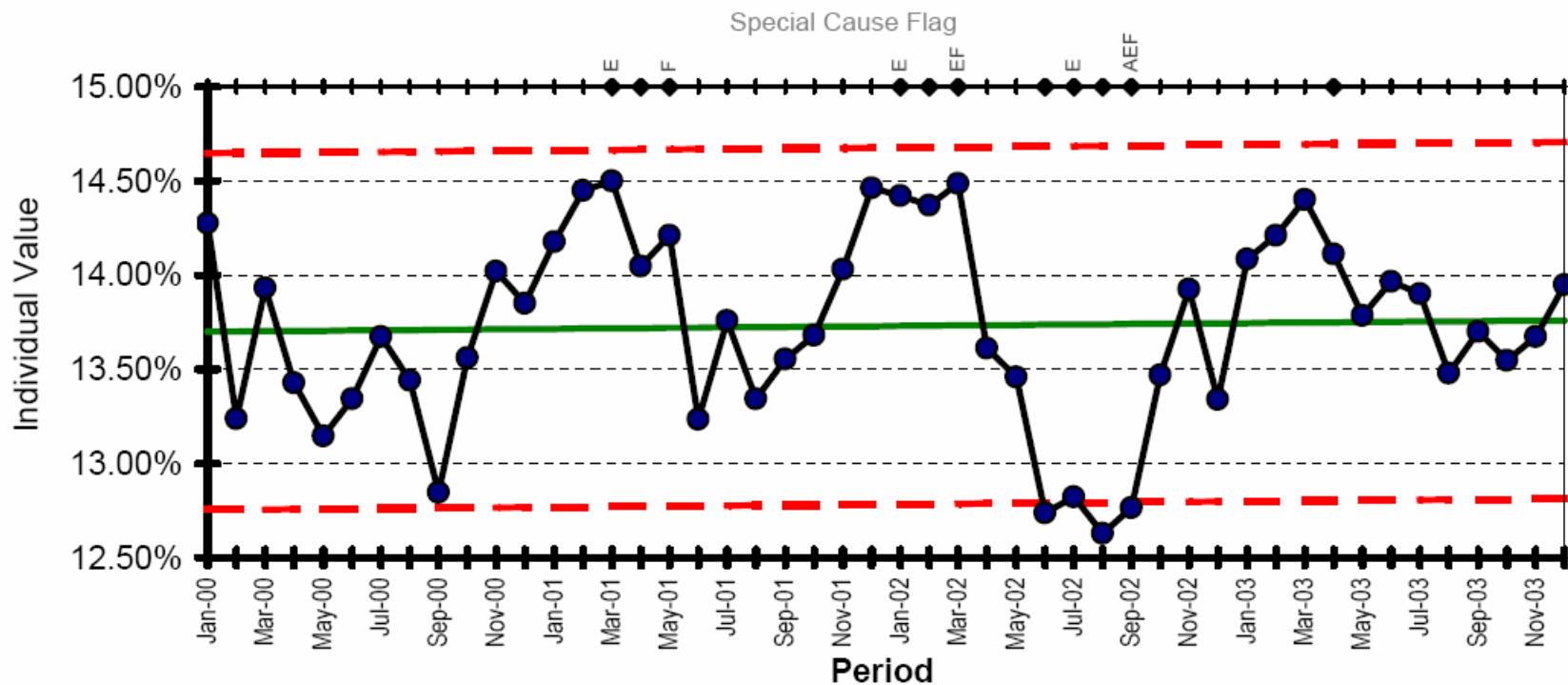
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.000
 Slope/Center = -0.6478% Slope/Sigma = -0.1396 Center/Sigma = 21.55

Database Column

37

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% incidents at Extended Care Facility



Special Cause(s) Detected

Last Center Value 0.13759893
 Last Data Value 0.1394842
 Sigma for Limits 0.003155
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00001268 per period Annualized Slope = 0.0001521 per year

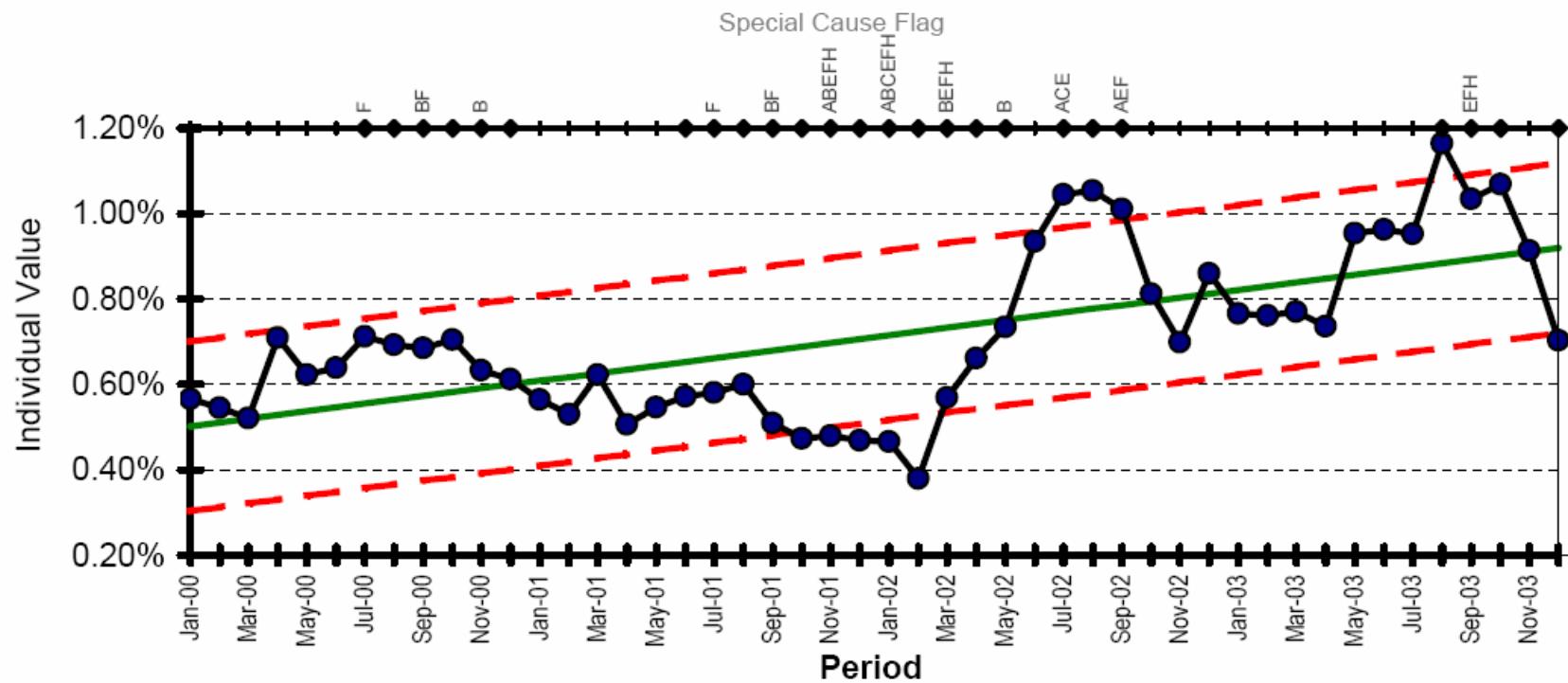
38

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.811
 Slope/Center = 0.009213% Slope/Sigma = 0.004018 Center/Sigma = 43.61

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% incidents at EMS Rendevous



Special Cause(s) Detected

Last Center Value	0.00918866
Last Data Value	0.00702264
Sigma for Limits	0.0006627
Base for Limits	Average MR

Chart Type: Linear Trend

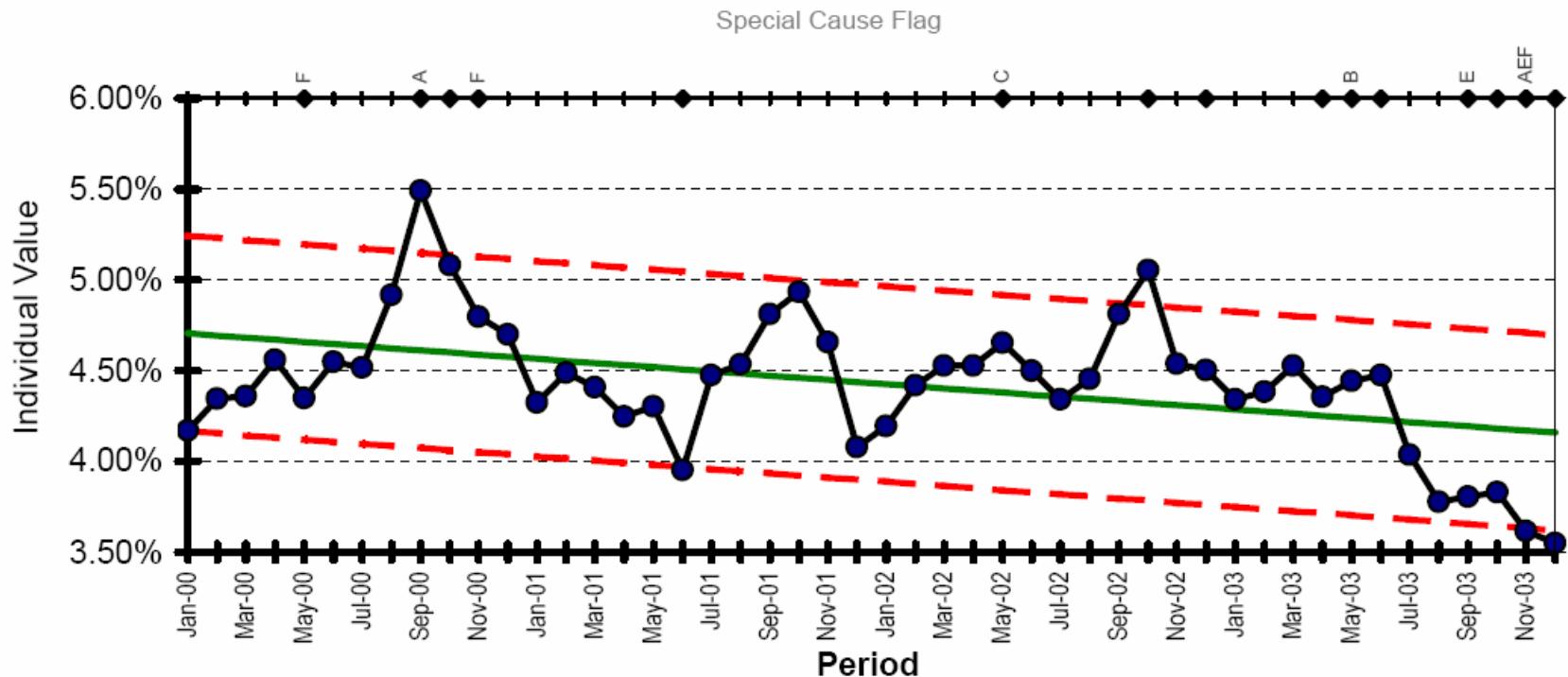
Slope = 0.00008875 per period Annualized Slope = 0.001065 per year Database Column 39

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = 0.9658% Slope/Sigma = 0.1339 Center/Sigma = 13.87

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% incidents at Other



Special Cause(s) Detected

Last Center Value 0.04158631
 Last Data Value 0.03550672
 Sigma for Limits 0.001794
 Base for Limits Average MR

Chart Type: Linear Trend

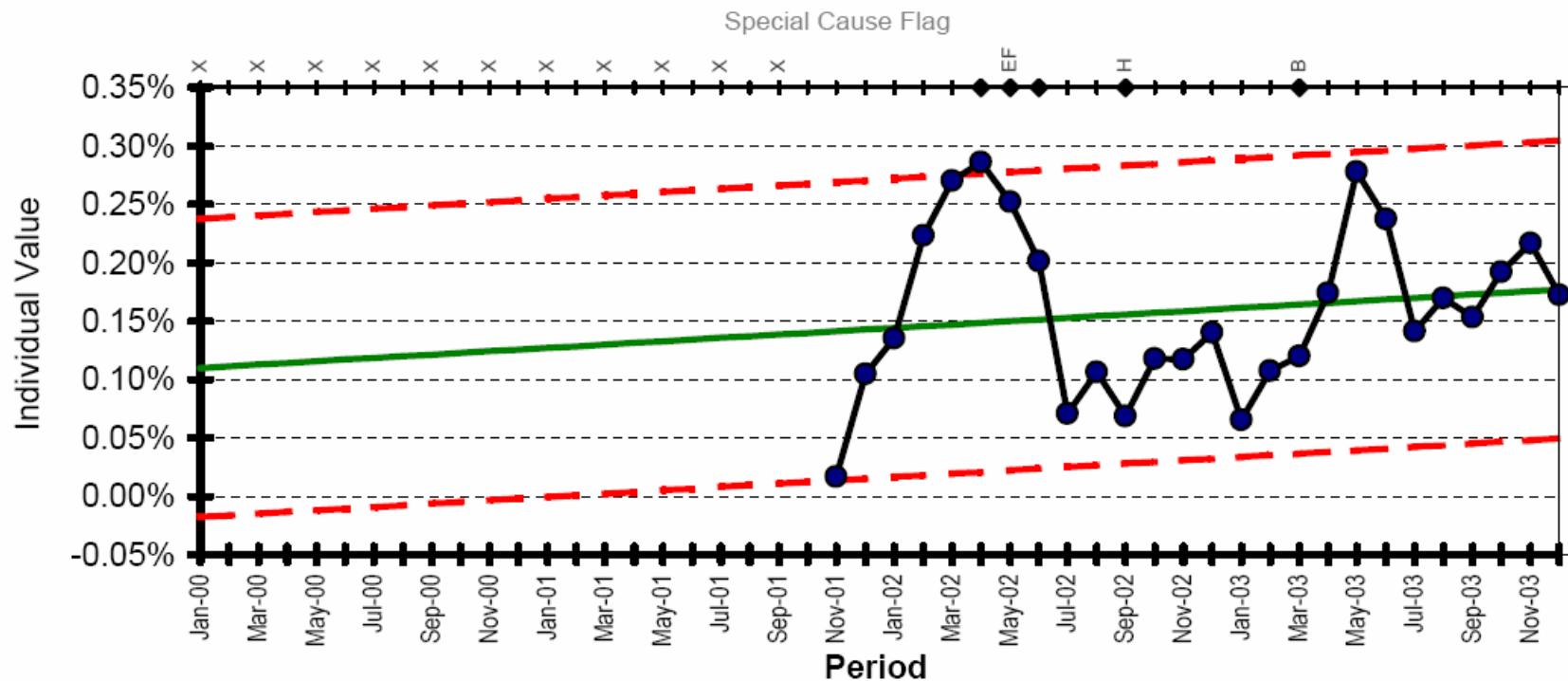
Slope = -0.0001161 per period Annualized Slope = -0.001394 per year Database Column 40

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.002
 Slope/Center = -0.2792% Slope/Sigma = -0.06473 Center/Sigma = 23.18

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% incidents at (unknown code)



Special Cause(s) Detected

Last Center Value	0.00177009
Last Data Value	0.00172539
Sigma for Limits	0.0004256
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00001430 per period	Annualized Slope = 0.0001715 per year	Database Column
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.456		X. Excluded or Missing Data
Slope/Center = 0.8076% Slope/Sigma = 0.03359 Center/Sigma = 4.159		

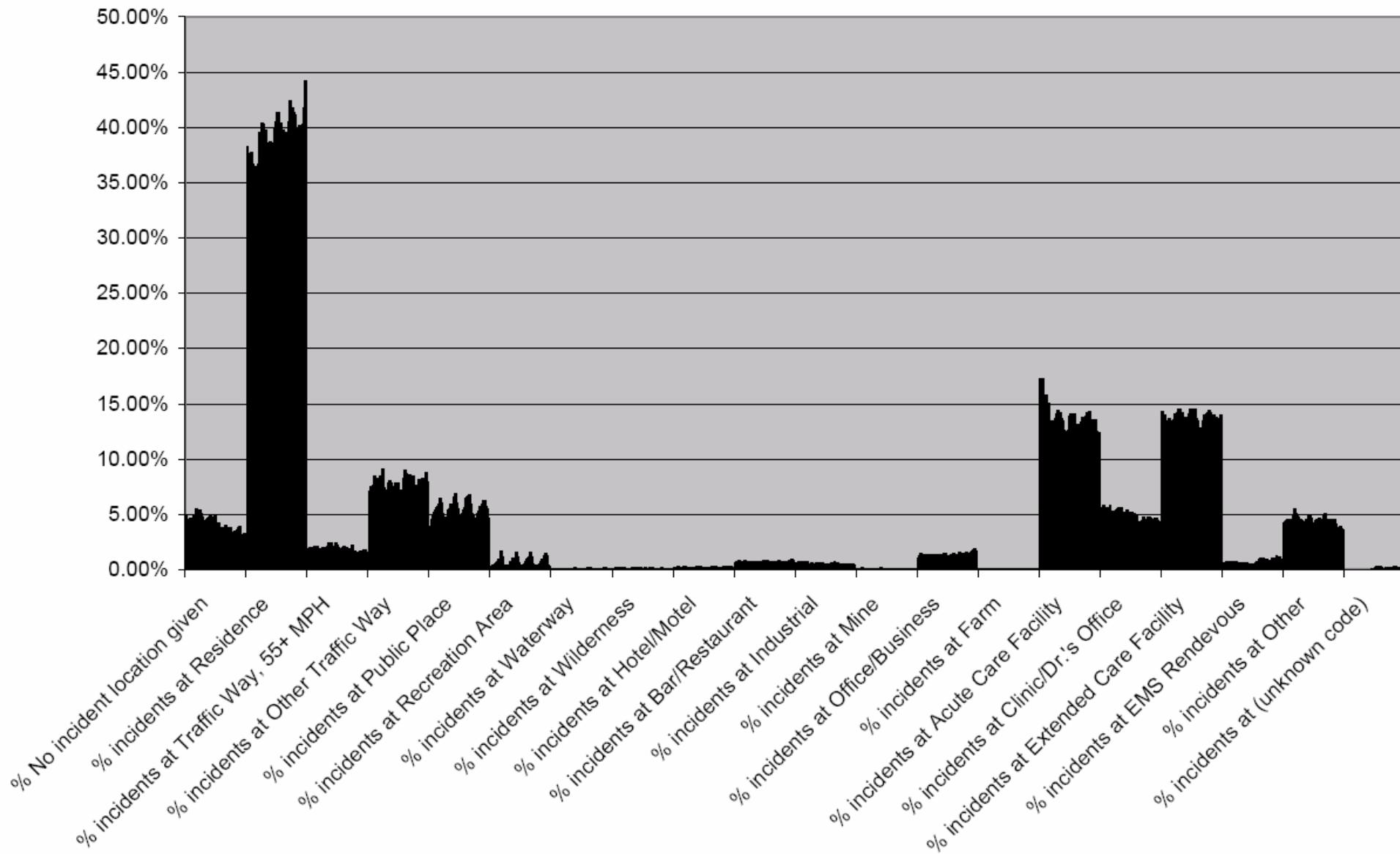
INCIDENT LOCATION

Relative numbers

„Putting it all together“

- Not entered
- Residence
- Traffic way, 55+ MPH
- Other traffic way
- Public place
- Recreation area
- Waterway
- Wilderness
- Hotel/Motel
- Bar/Restaurant
- Industrial
- Mine
- Office/Business
- Farm
- Acute Care Facility
- Clinic/Dr.'s office
- Extended care facility
- EMS Rendevous
- Other
- Unknown code

Incident Location (relative)

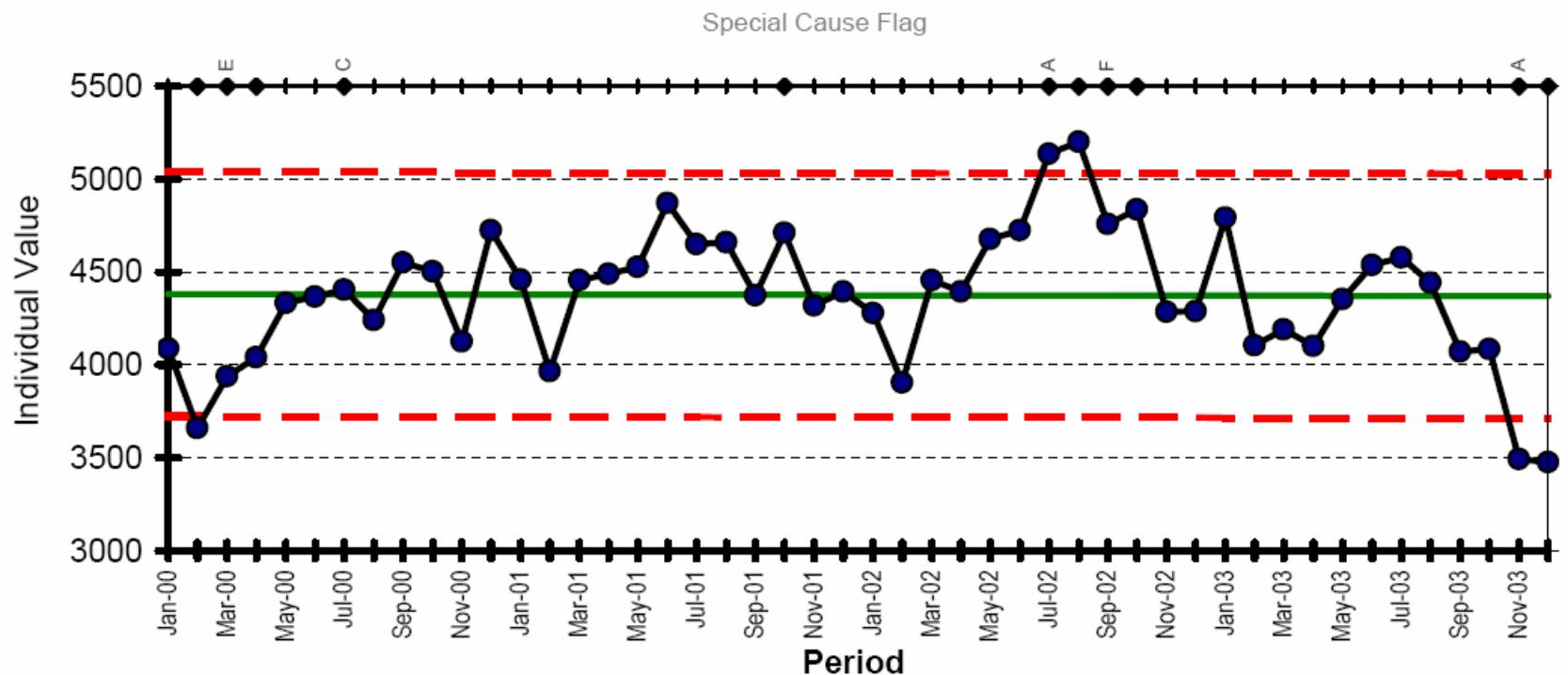


INCIDENT TYPE

Absolute numbers

- Not entered
- Assault
- Bicycle
- Bite/sting
- Fall
- Fire
- Inter-facility
- Medical
- Motorcycle
- Pedestrian
- Recreational vehicle
- Shooting
- Stabbing
- Vehicular
- Other

Num not typed



Special Cause(s) Detected

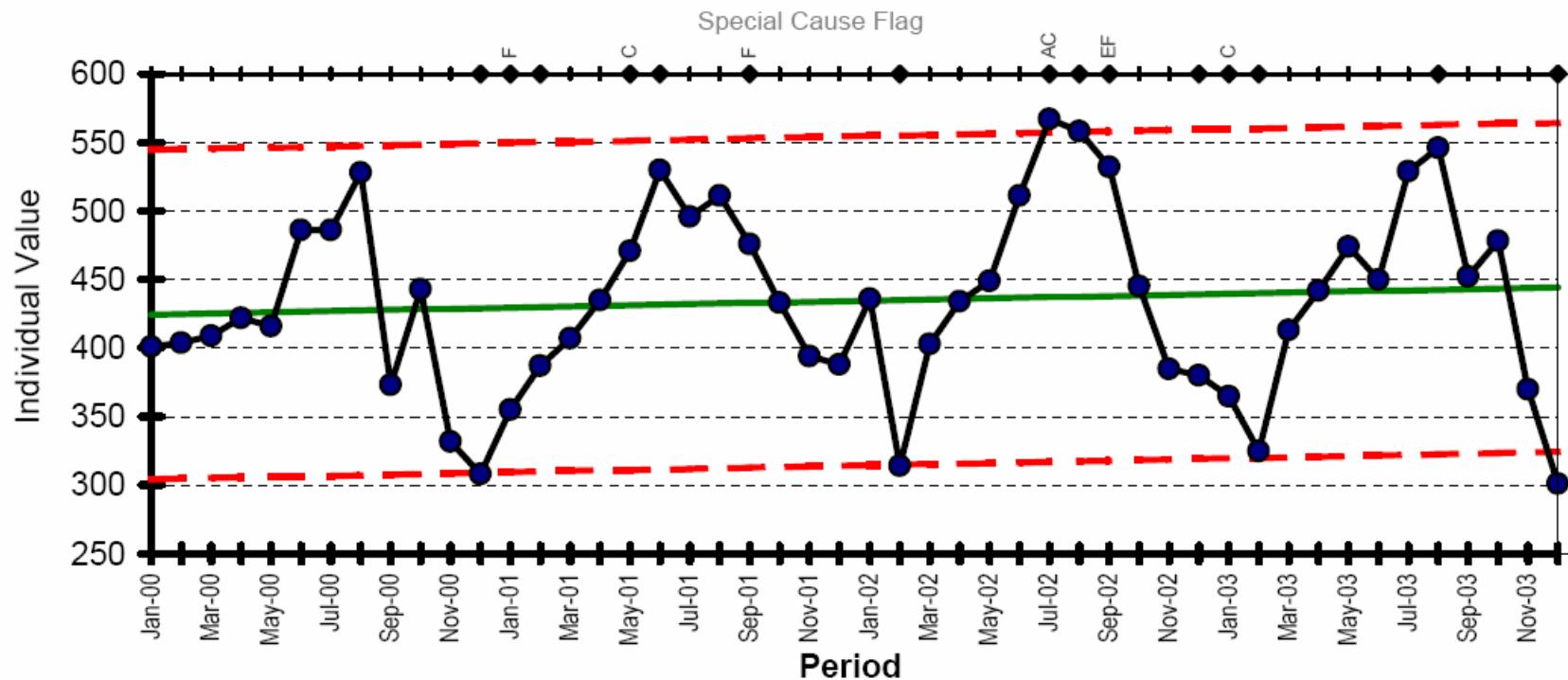
Last Center Value	4370.91752
Last Data Value	3477
Sigma for Limits	219.1
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.2012 per period	Annualized Slope = -2.414 per year	Database Column 2
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.958		X. Excluded or Missing Data
Slope/Center = -0.004603%	Slope/Sigma = -0.0009183	Center/Sigma = 19.95

Num Assaults



Special Cause(s) Detected

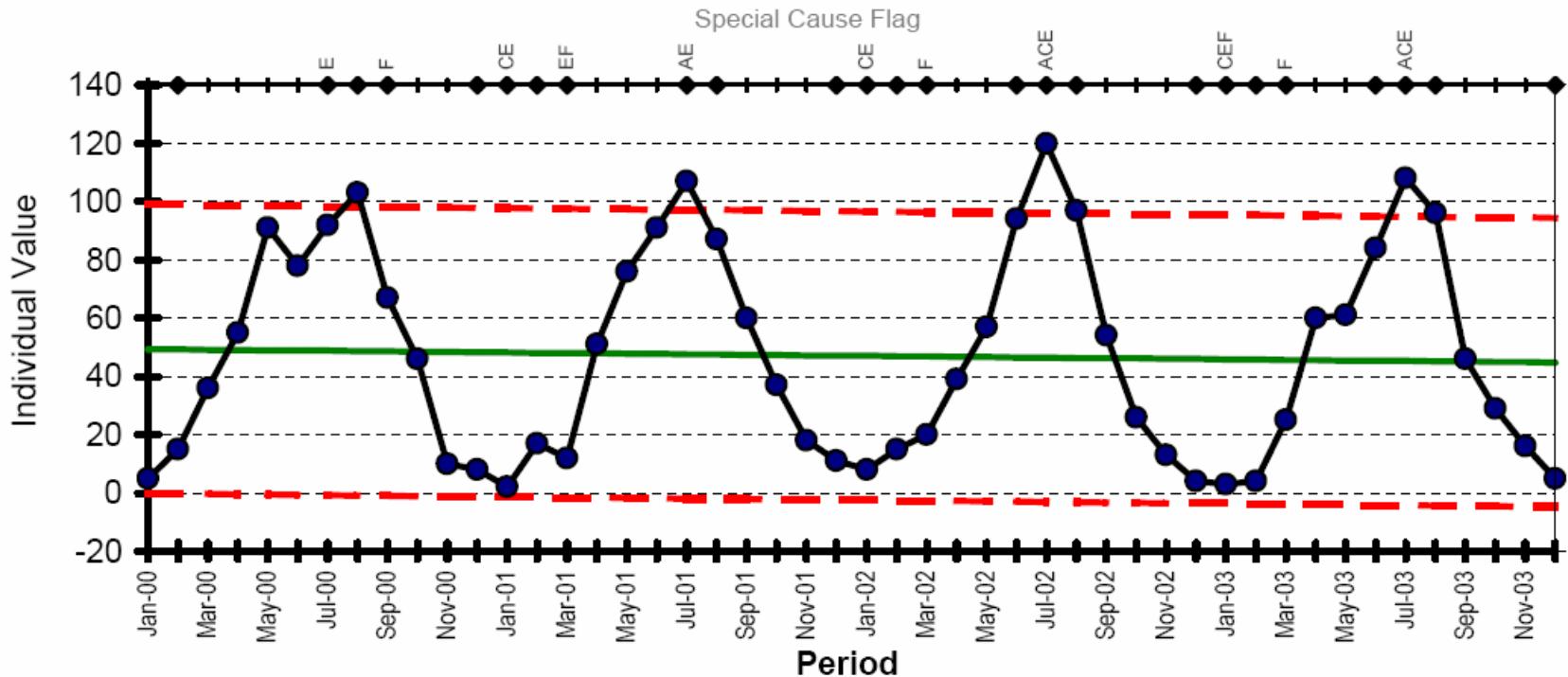
Last Center Value	444.262755
Last Data Value	301
Sigma for Limits	40.04
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.4208 per period	Annualized Slope = 5.049 per year	Database Column 3
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.558		X. Excluded or Missing Data
Slope/Center = 0.09471%	Slope/Sigma = 0.01051	Center/Sigma = 11.10

Num Bicycle



Special Cause(s) Detected

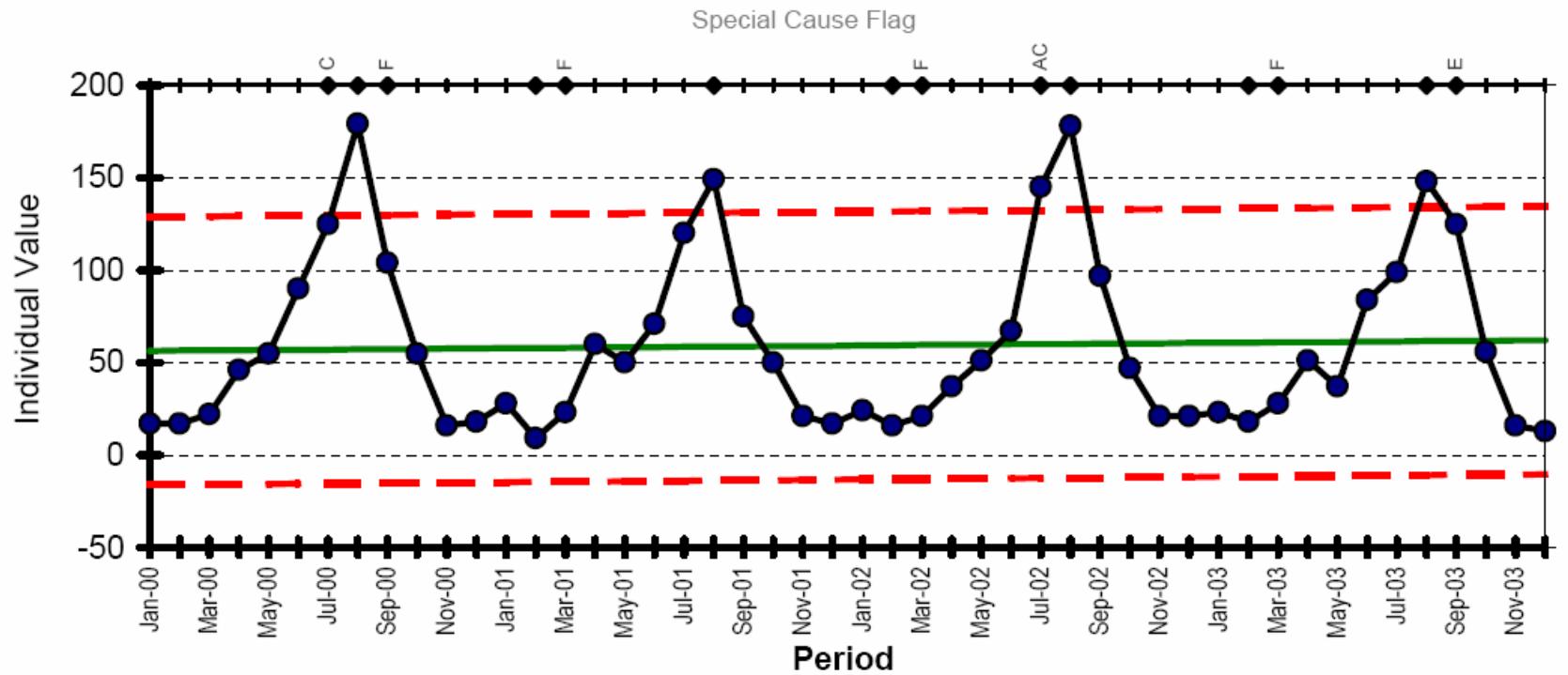
Last Center Value	44.7857143
Last Data Value	5
Sigma for Limits	16.52
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.09688 per period	Annualized Slope = -1.163 per year	Database Column 4
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.799		X. Excluded or Missing Data
Slope/Center = -0.2163%	Slope/Sigma = -0.005865	Center/Sigma = 2.711

Num Bite/Sting



Special Cause(s) Detected

Last Center Value 62.0161565
 Last Data Value 13
 Sigma for Limits 24.17
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

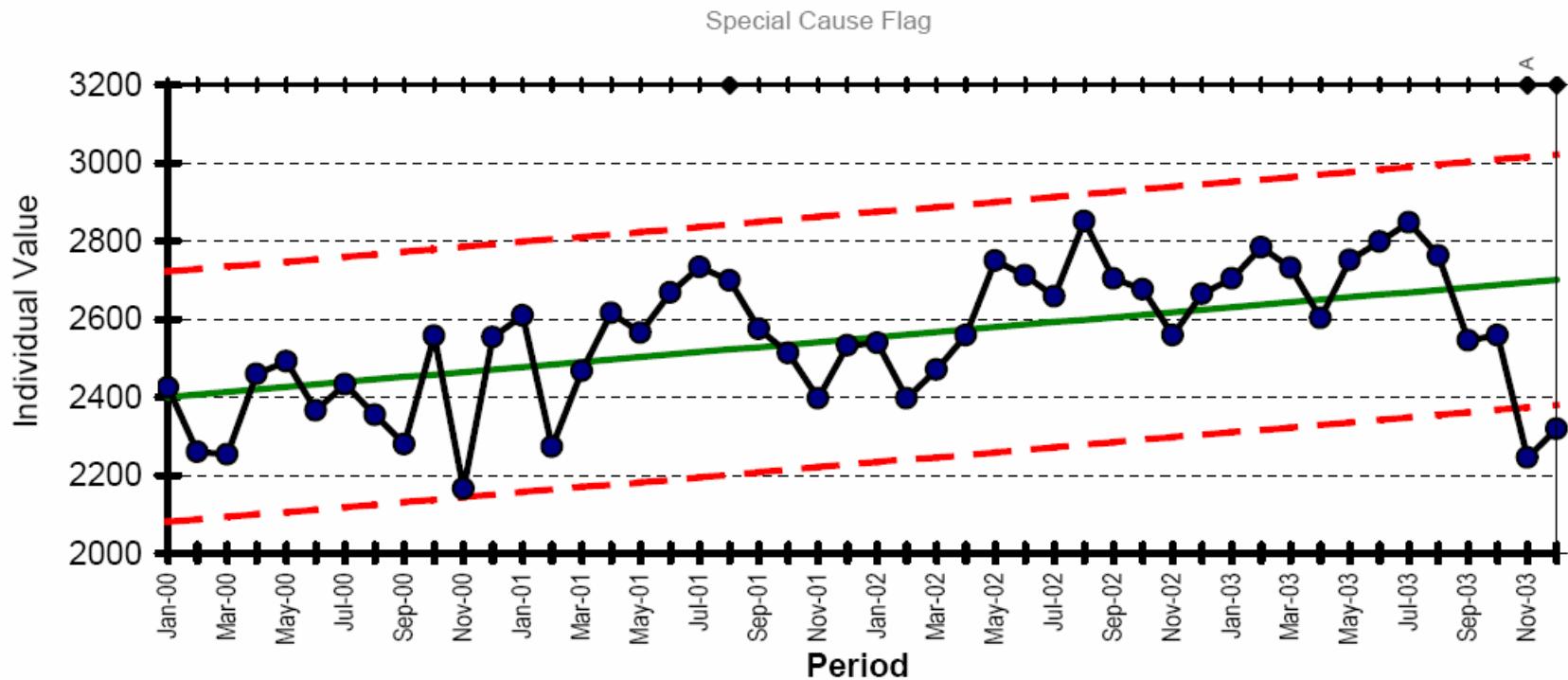
Slope = 0.1213 per period Annualized Slope = 1.455 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.808
 Slope/Center = 0.1955% Slope/Sigma = 0.005017

Database Column

5

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Center/Sigma = 2.566

Num Fall



Special Cause(s) Detected

Last Center Value	2700.4881
Last Data Value	2319
Sigma for Limits	106.9
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 6.383 per period Annualized Slope = 76.60 per year

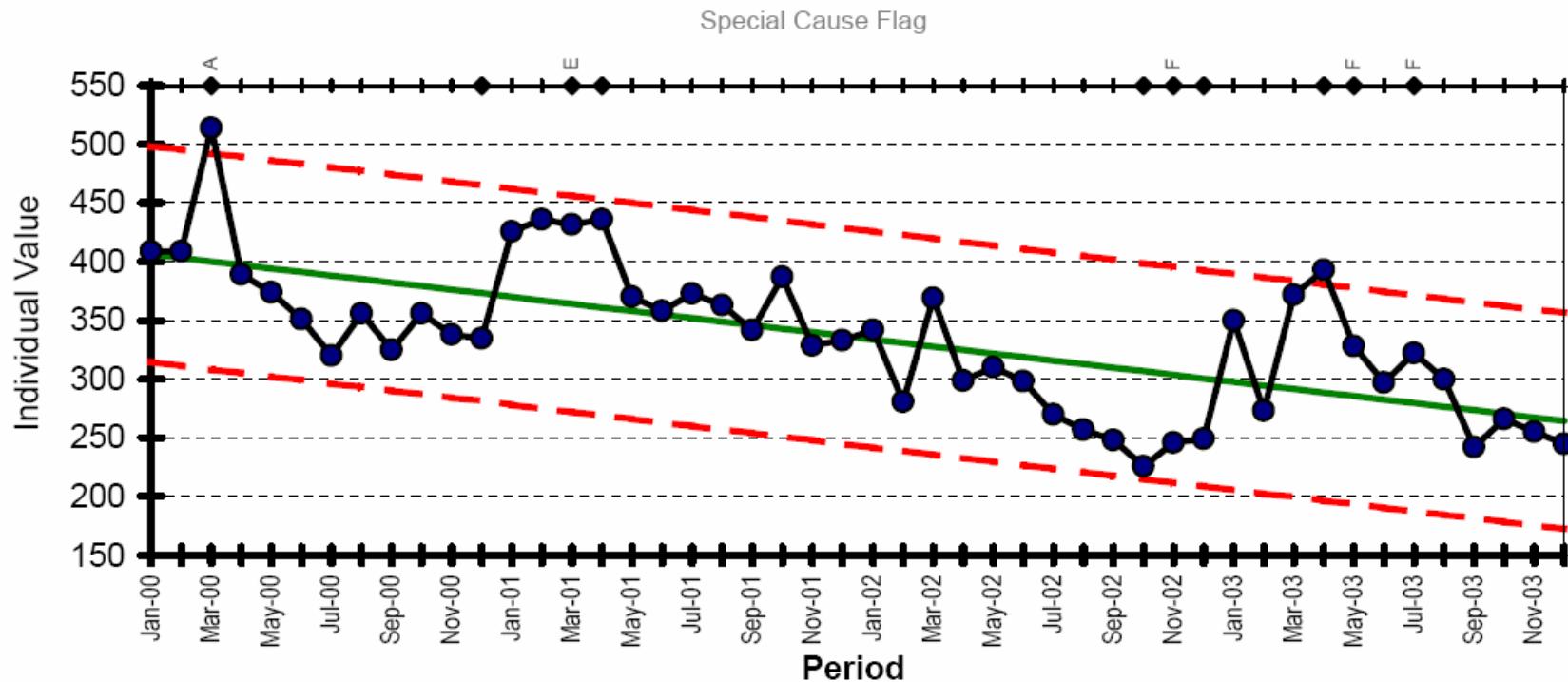
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.000
- Slope/Center = 0.2364% Slope/Sigma = 0.05971 Center/Sigma = 25.26

Database Column

6

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num Fire



Special Cause(s) Detected

Last Center Value 264.397109
 Last Data Value 245
 Sigma for Limits 30.69
 Base for Limits Average MR

Chart Type: Linear Trend

Slope = -3.021 per period Annualized Slope = -36.25 per year

7

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

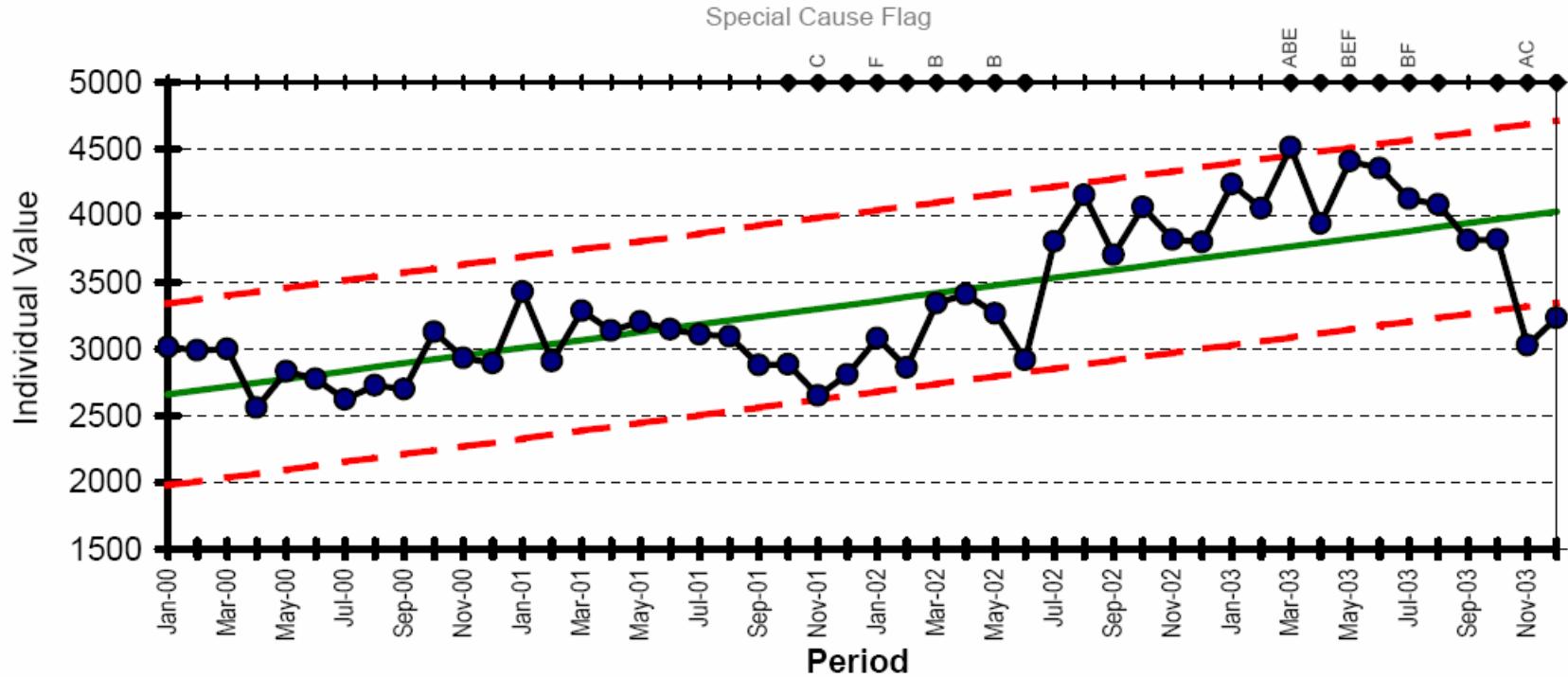
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000

Slope/Center = -1.143% Slope/Sigma = -0.09844

Center/Sigma = 8.616

Num Inter-Facility



Special Cause(s) Detected

Last Center Value	4030.89286
Last Data Value	3234
Sigma for Limits	227.1
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 29.19 per period Annualized Slope = 350.2 per year

8

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

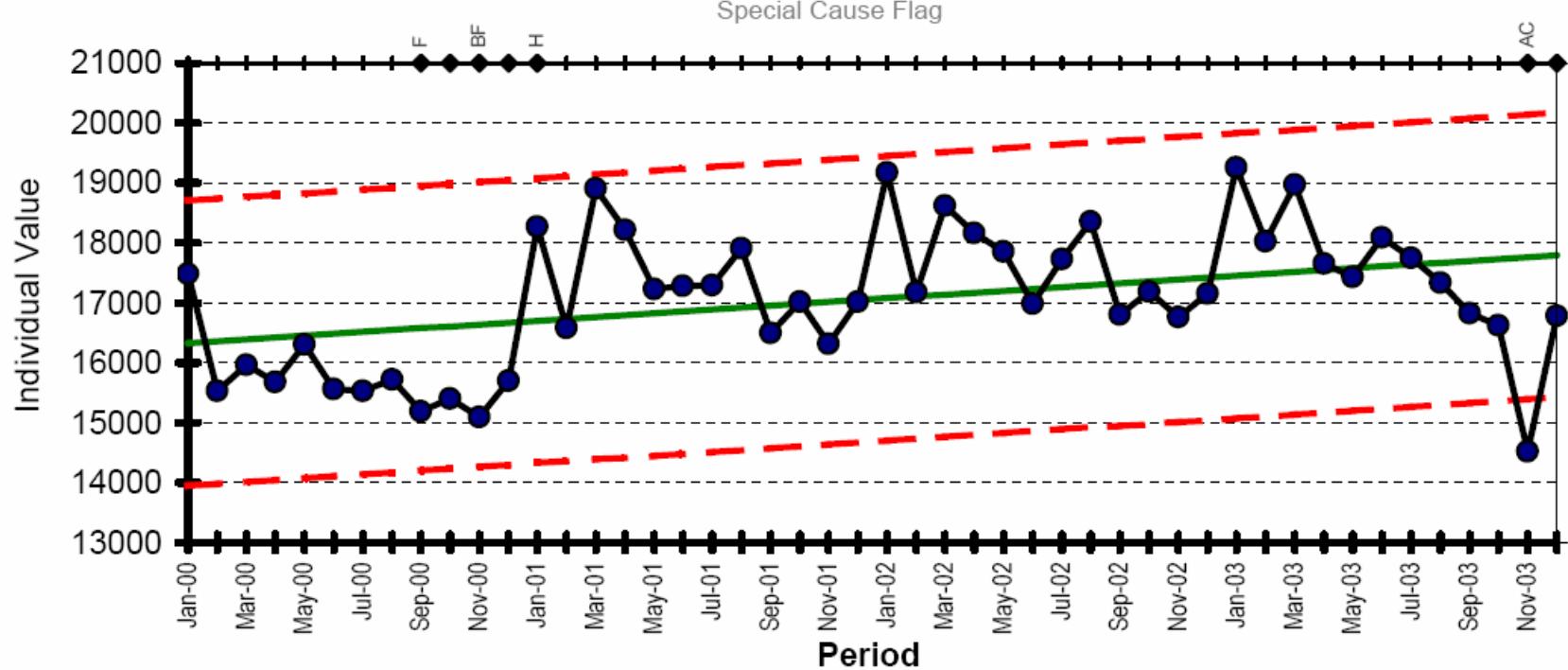
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000

Slope/Center = 0.7241% Slope/Sigma = 0.1285

Center/Sigma = 17.75

Num Medical



Special Cause(s) Detected

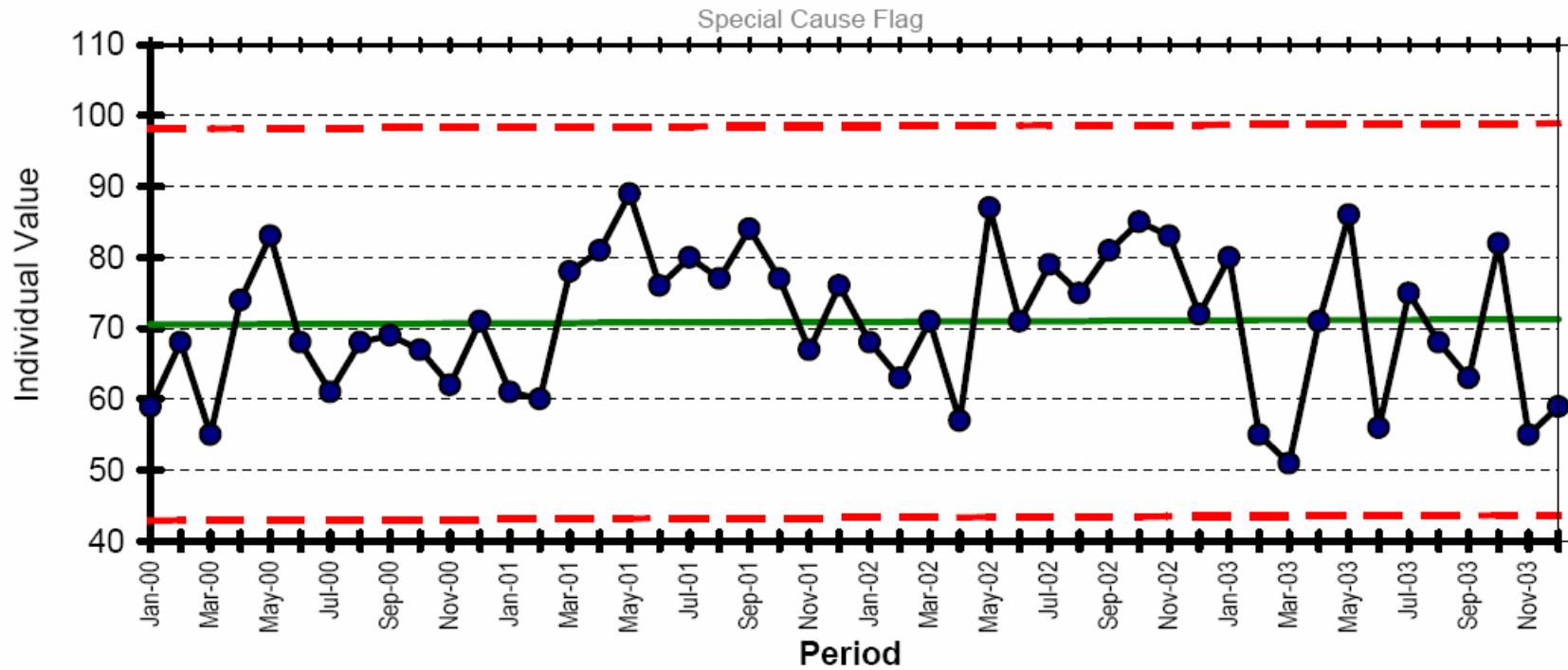
Last Center Value	17793.8912
Last Data Value	16780
Sigma for Limits	792.0
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 31.24 per period Annualized Slope = 374.9 per year

- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.008
- Slope/Center = 0.1756% Slope/Sigma = 0.03944 Center/Sigma = 22.47
- Database Column 9
- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data

Num Pedestrian



No Special Cause Detected

Last Center Value 71.3018707
 Last Data Value 59
 Sigma for Limits 9.205
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.01639 per period Annualized Slope = 0.1967 per year

- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.877

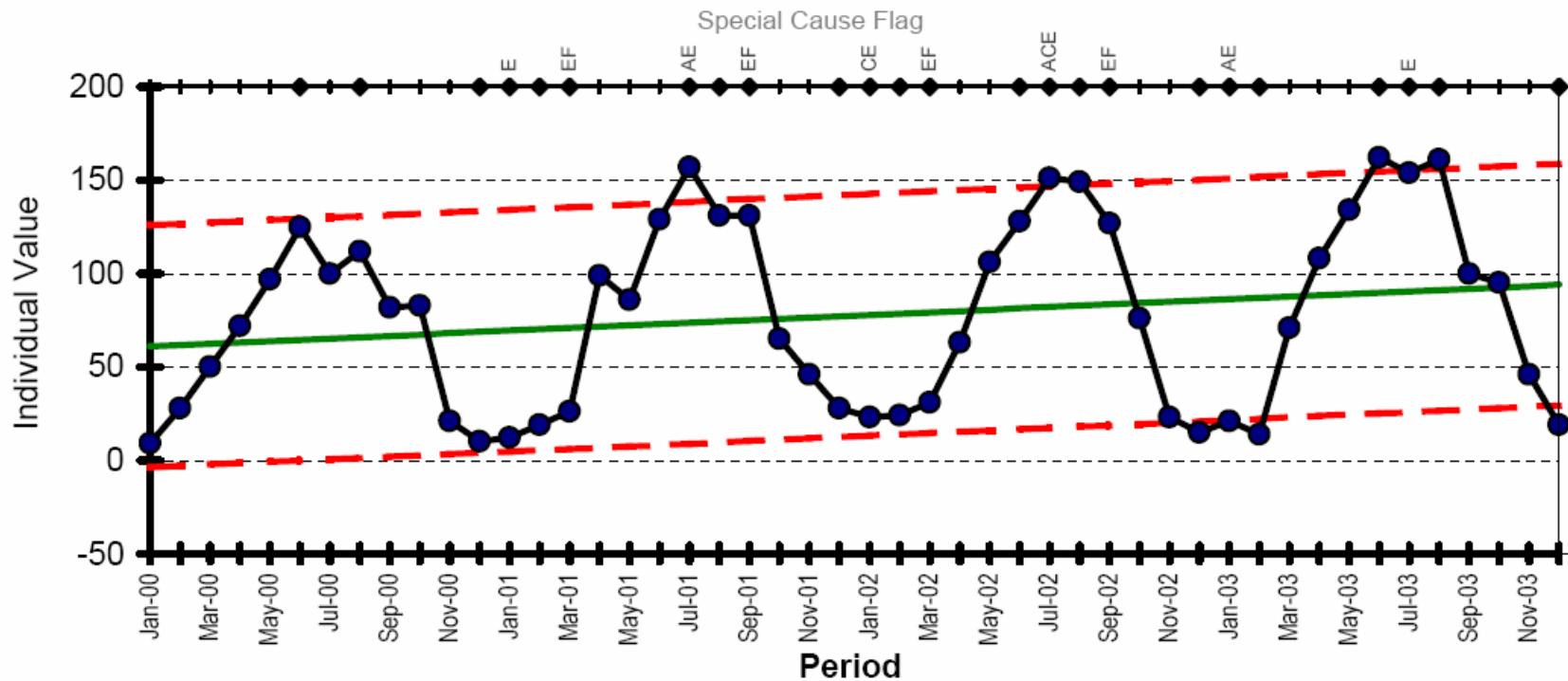
Slope/Center = 0.02299% Slope/Sigma = 0.001781 Center/Sigma = 7.746

Database Column

11

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num Motorcycle



Special Cause(s) Detected

Last Center Value	93.960034
Last Data Value	19
Sigma for Limits	21.58
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.7013 per period Annualized Slope = 8.416 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.181

Slope/Center = 0.7464% Slope/Sigma = 0.03250

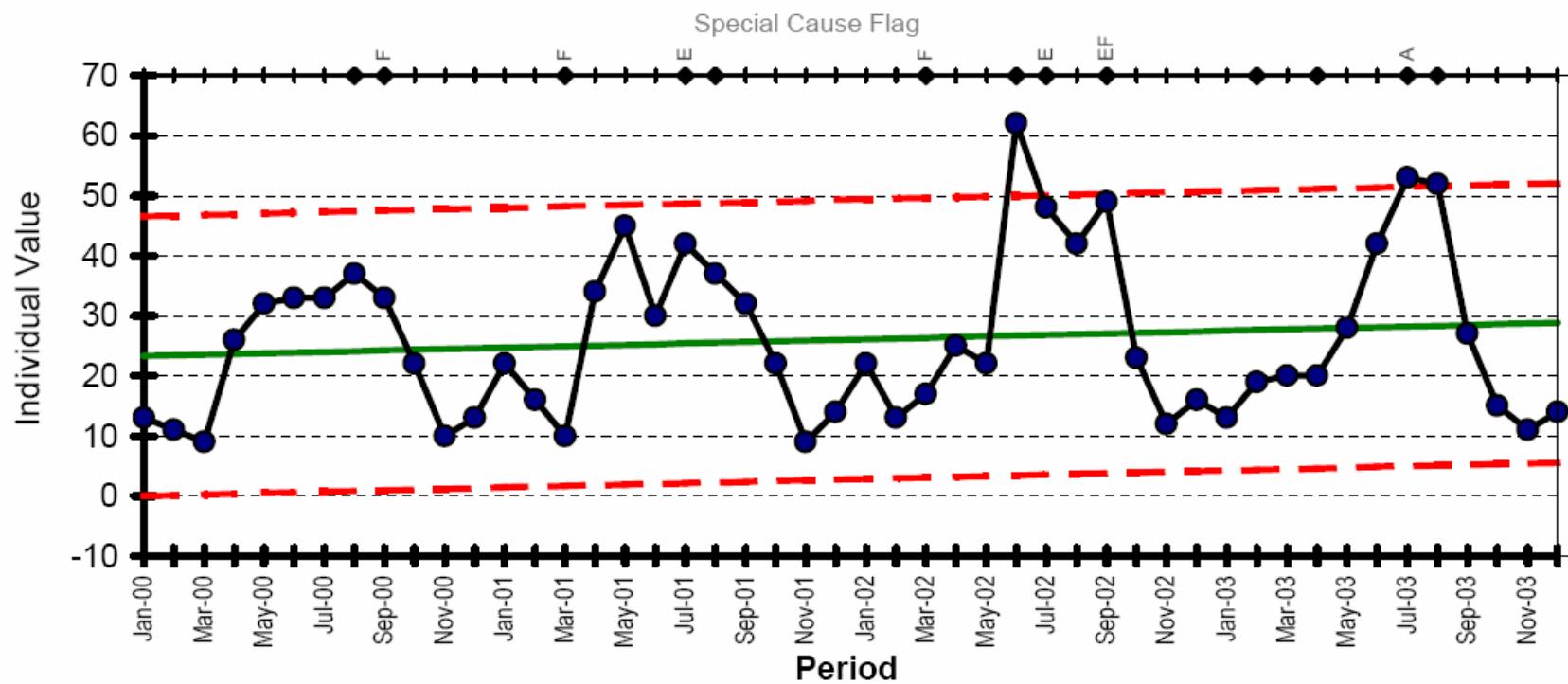
Database Column

10

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 4.355

Num Recreational Vehicle



Special Cause(s) Detected

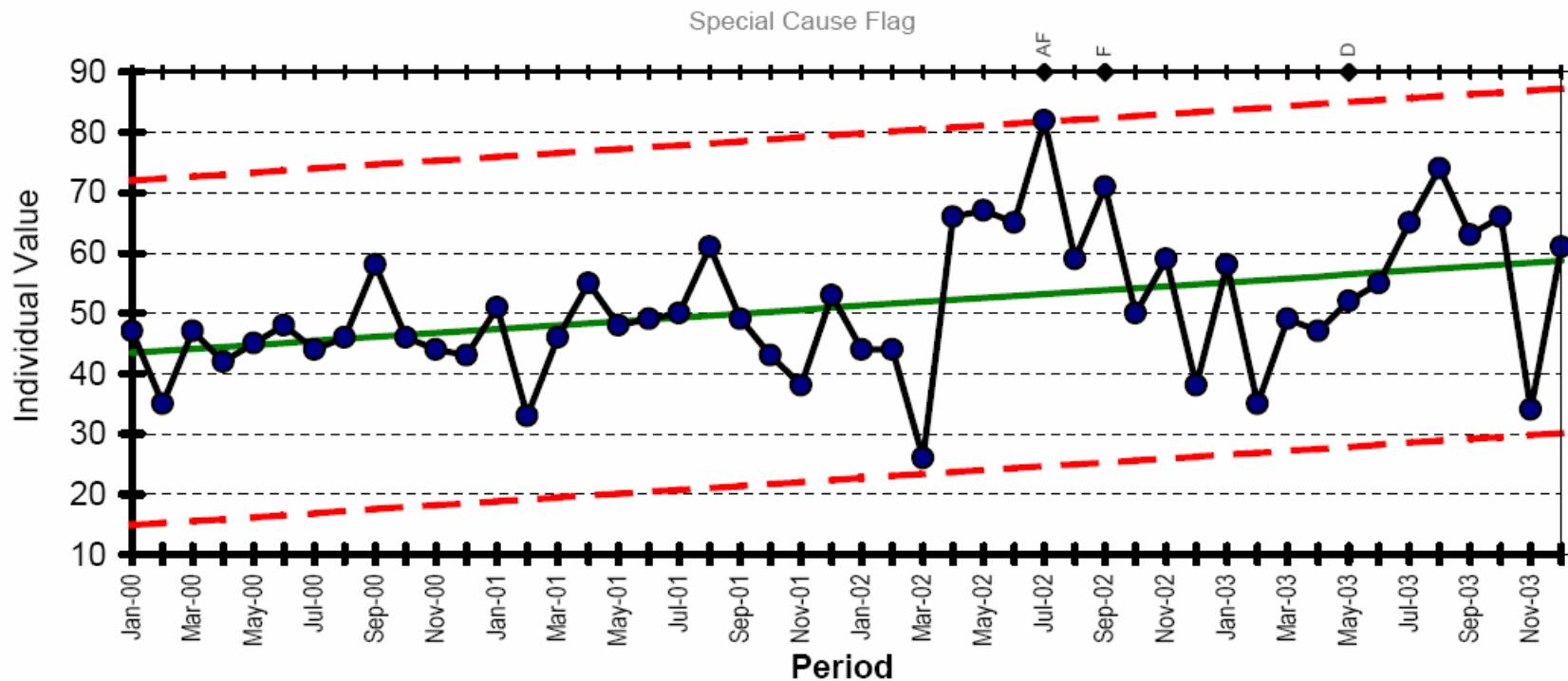
Last Center Value	28.8044218
Last Data Value	14
Sigma for Limits	7.759
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.1176 per period	Annualized Slope = 1.411 per year	Database Column 12
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.413		X. Excluded or Missing Data
Slope/Center = 0.4081% Slope/Sigma = 0.01515 Center/Sigma = 3.712		

Num Shooting



Special Cause(s) Detected

Last Center Value	58.6683673
Last Data Value	61
Sigma for Limits	9.526
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.3237 per period Annualized Slope = 3.884 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.006

Slope/Center = 0.5517% Slope/Sigma = 0.03398

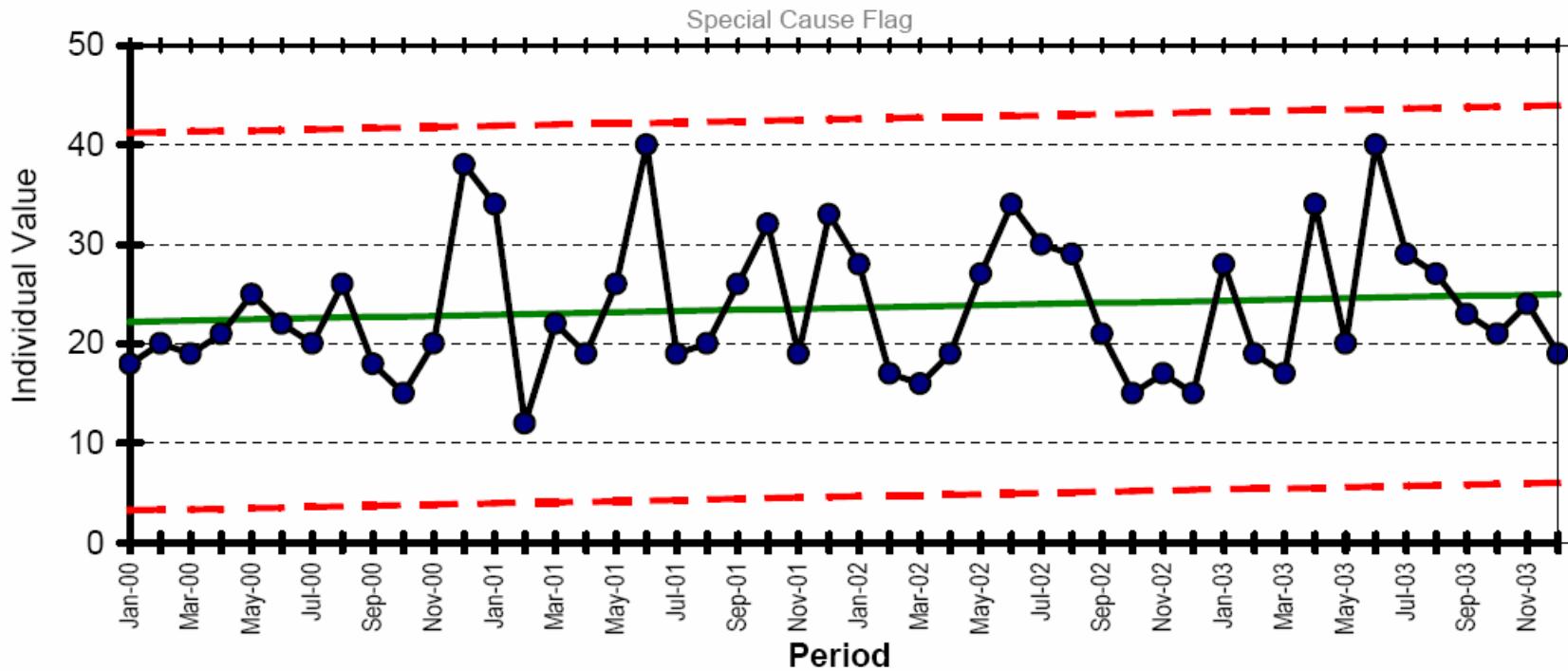
Database Column

13

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 6.159

Num Stabbing



No Special Cause Detected

Last Center Value 24.9855442
 Last Data Value 19
 Sigma for Limits 6.324
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.05878 per period Annualized Slope = 0.7054 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.421

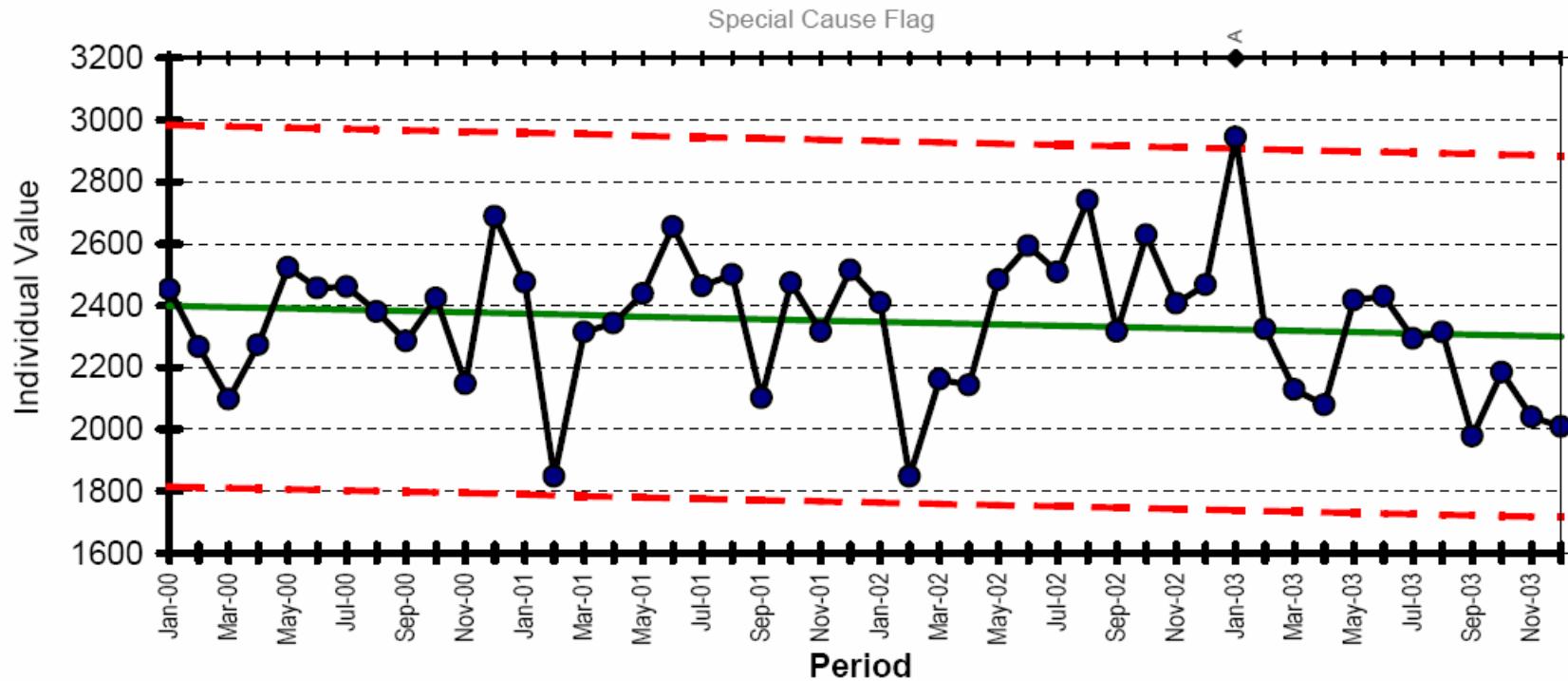
Slope/Center = 0.2353% Slope/Sigma = 0.009295

Database Column

14

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num Vehicular



Special Cause(s) Detected

Last Center Value	2298.98724
Last Data Value	2008
Sigma for Limits	194.8
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -2.123 per period Annualized Slope = -25.47 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.370

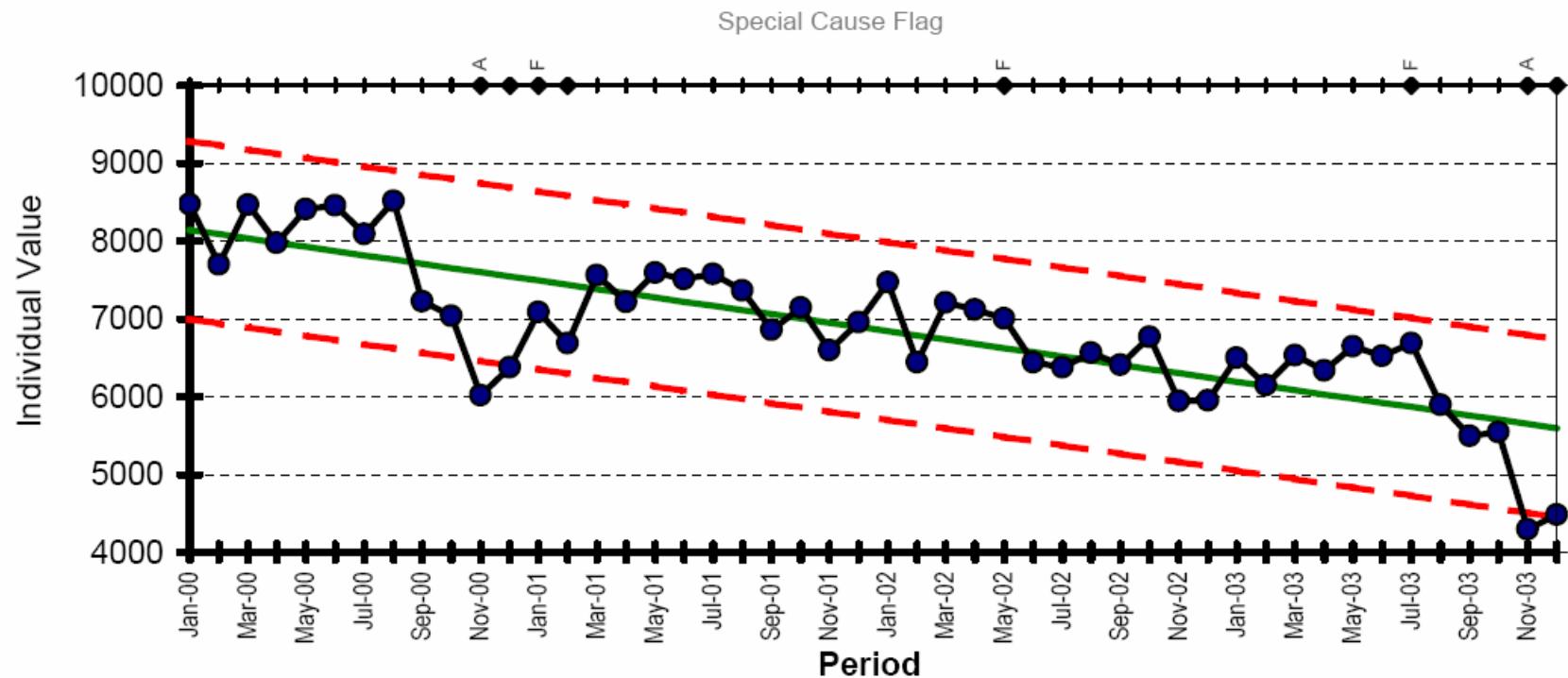
Slope/Center = -0.09234% Slope/Sigma = -0.01090 Center/Sigma = 11.80

Database Column

15

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num Other



Special Cause(s) Detected

Last Center Value	5595.18112
Last Data Value	4482
Sigma for Limits	381.2
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -54.15 per period Annualized Slope = -649.9 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = -0.9679% Slope/Sigma = -0.1421 Center/Sigma = 14.68

Database Column 16

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

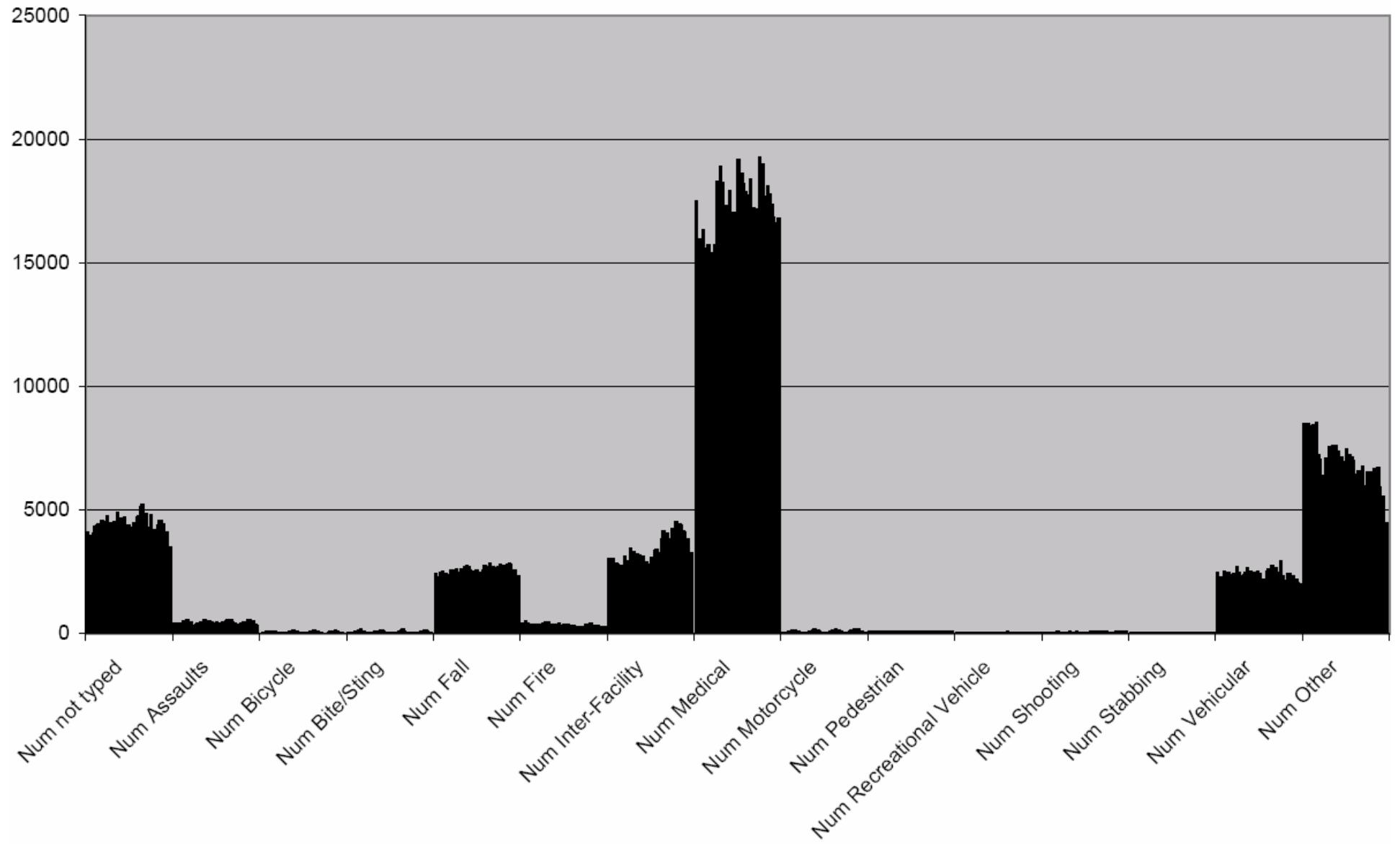
INCIDENT TYPE

Absolute numbers

„Putting it all together“

- Not entered
- Assault
- Bicycle
- Bite/sting
- Fall
- Fire
- Inter-facility
- Medical
- Motorcycle
- Pedestrian
- Recreational vehicle
- Shooting
- Stabbing
- Vehicular
- Other

Incident Type

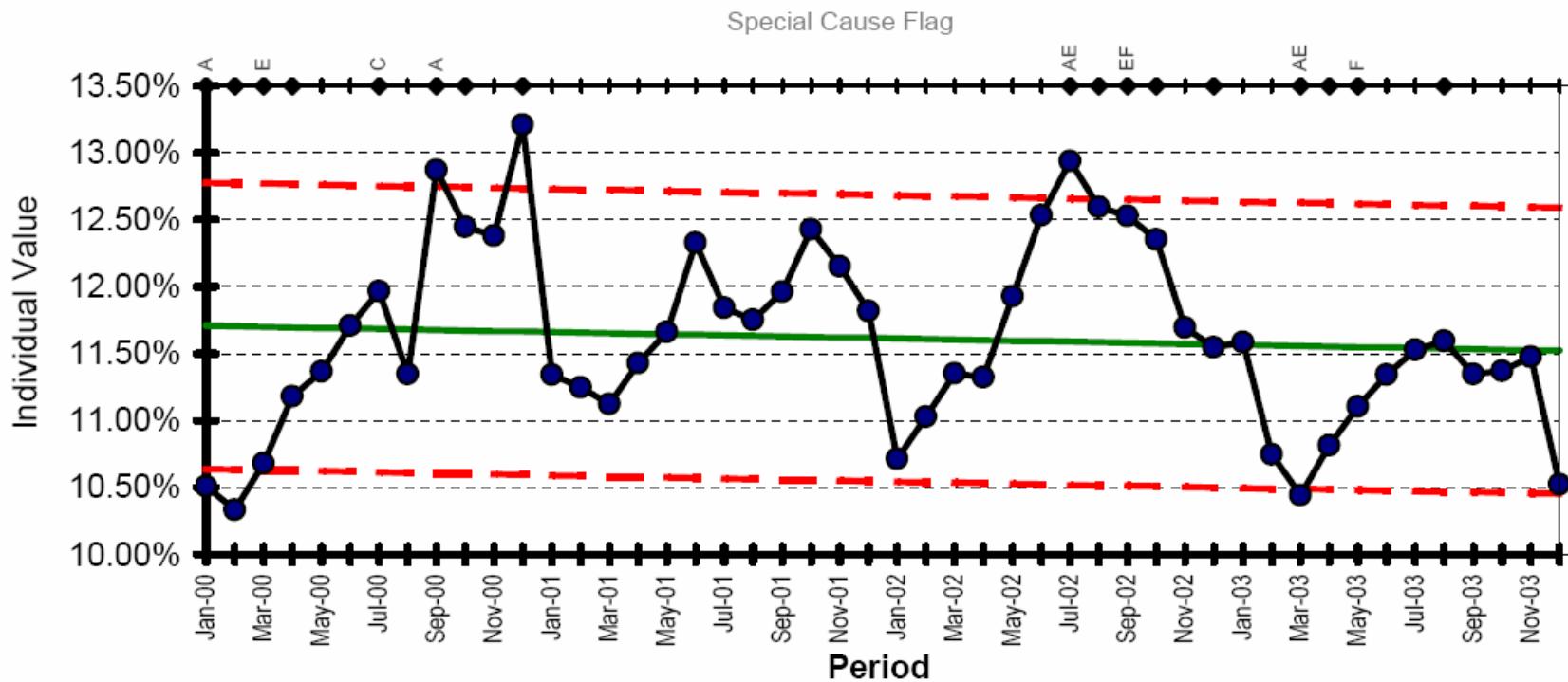


INCIDENT TYPE

Relative numbers

- Not entered
- Assault
- Bicycle
- Bite/sting
- Fall
- Fire
- Inter-facility
- Medical
- Motorcycle
- Pedestrian
- Recreational vehicle
- Shooting
- Stabbing
- Vehicular
- Other

% not typed



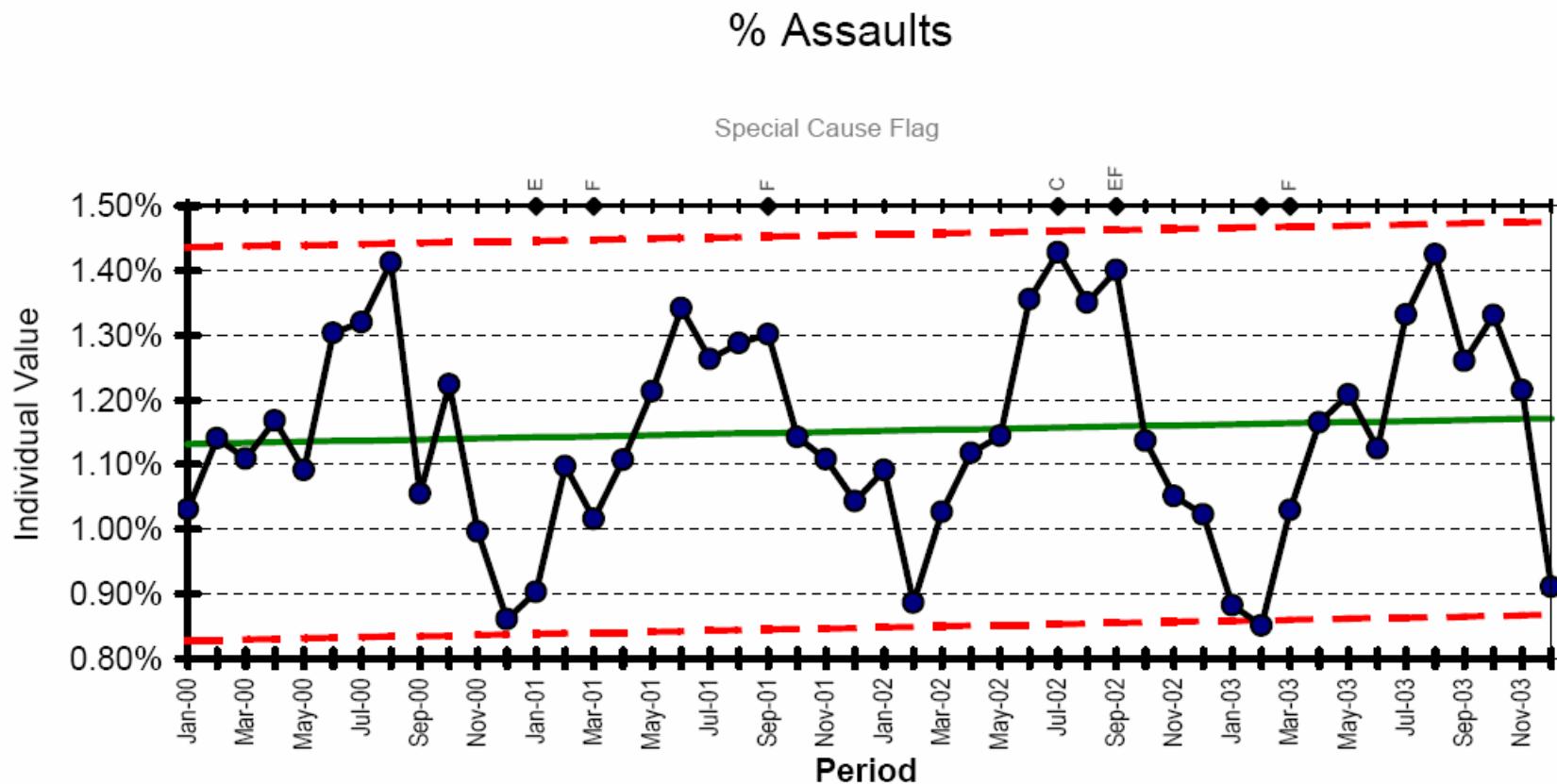
Special Cause(s) Detected

Last Center Value 0.11521966
 Last Data Value 0.10524882
 Sigma for Limits 0.003564
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.00003956 per period Annualized Slope = -0.0004747 per year Database Column 17
 A. 1 Beyond Control Limit E. 2 of 3 Beyond 2 Sigma
 B. 9 On One Side of Average F. 4 of 5 Beyond 1 Sigma
 C. 6 Trending Up or Down G. 15 Within 1 Sigma
 D. 14 Alternating Up & Down H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Current prob of no trend = 0.589 Slope/Center = -0.03434% Slope/Sigma = -0.01110 Center/Sigma = 32.33



Special Cause(s) Detected

Last Center Value 0.01171596
 Last Data Value 0.00911127
 Sigma for Limits 0.001014
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

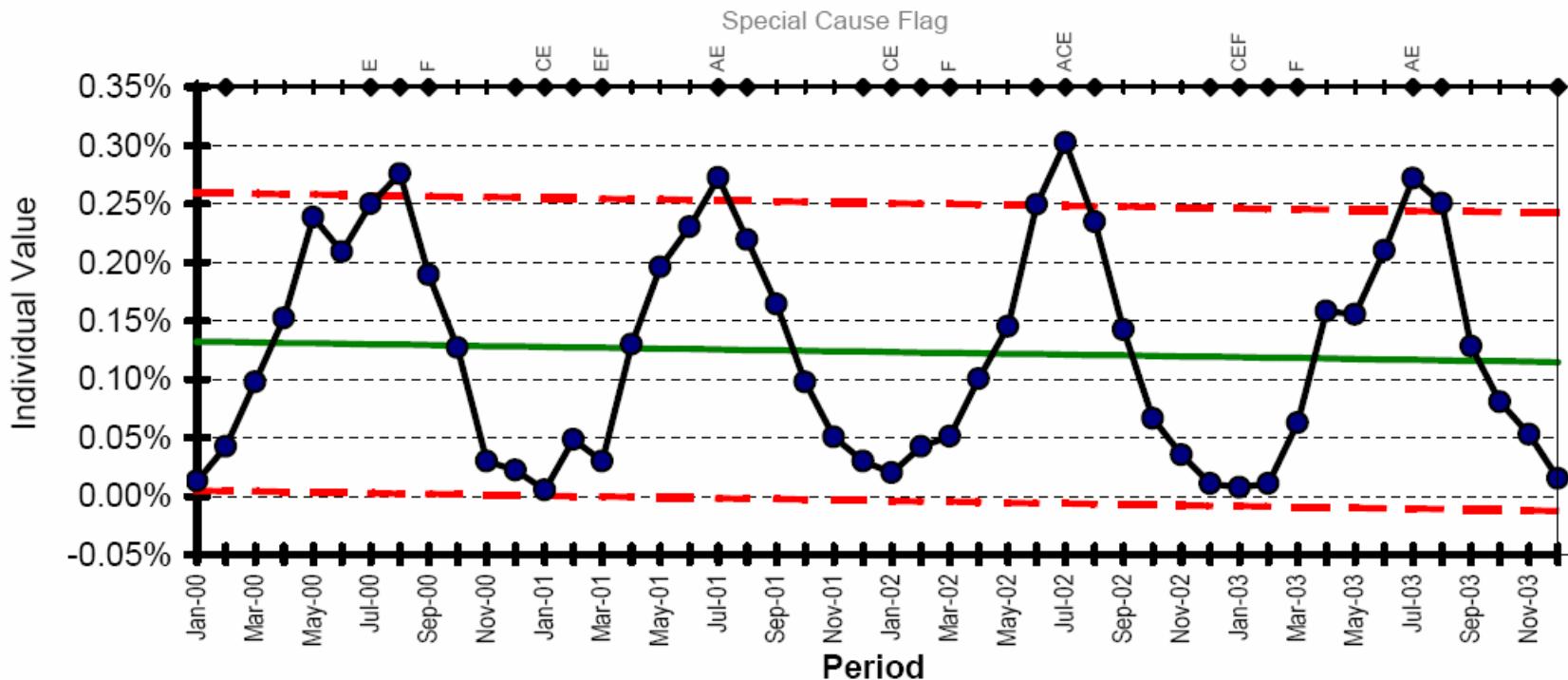
Slope = 0.000008397 per period Annualized Slope = 0.0001008 per year Database Column 18

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.617
 Slope/Center = 0.07167% Slope/Sigma = 0.008281 Center/Sigma = 11.56

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% Bicycle



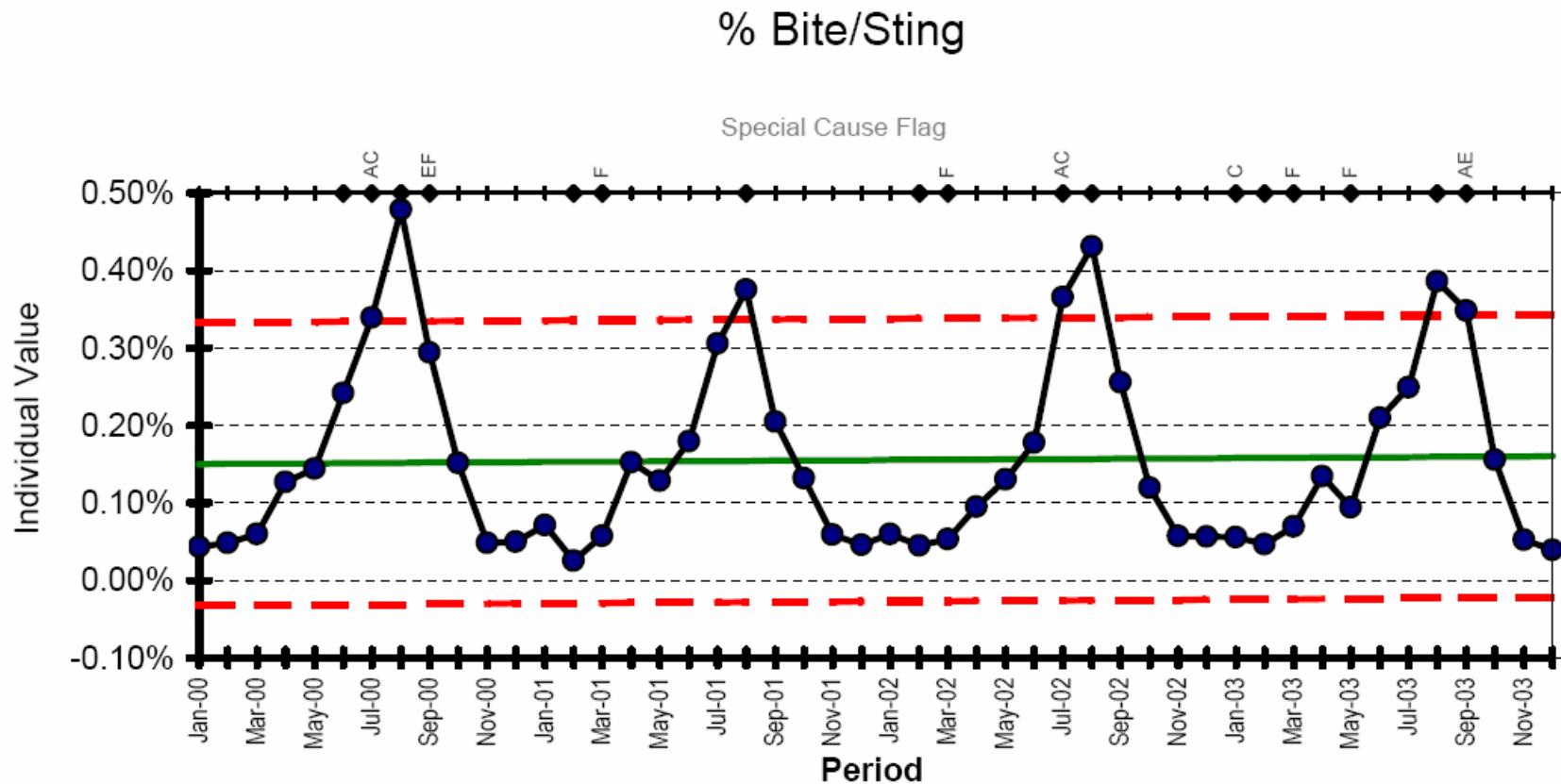
Special Cause(s) Detected

Last Center Value	0.00114718
Last Data Value	0.00015135
Sigma for Limits	0.0004246
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.000003699 per period	Annualized Slope = -0.00004439 per year	Database Column 19
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.705		X. Excluded or Missing Data
Slope/Center = -0.3225%	Slope/Sigma = -0.008713	Center/Sigma = 2.702



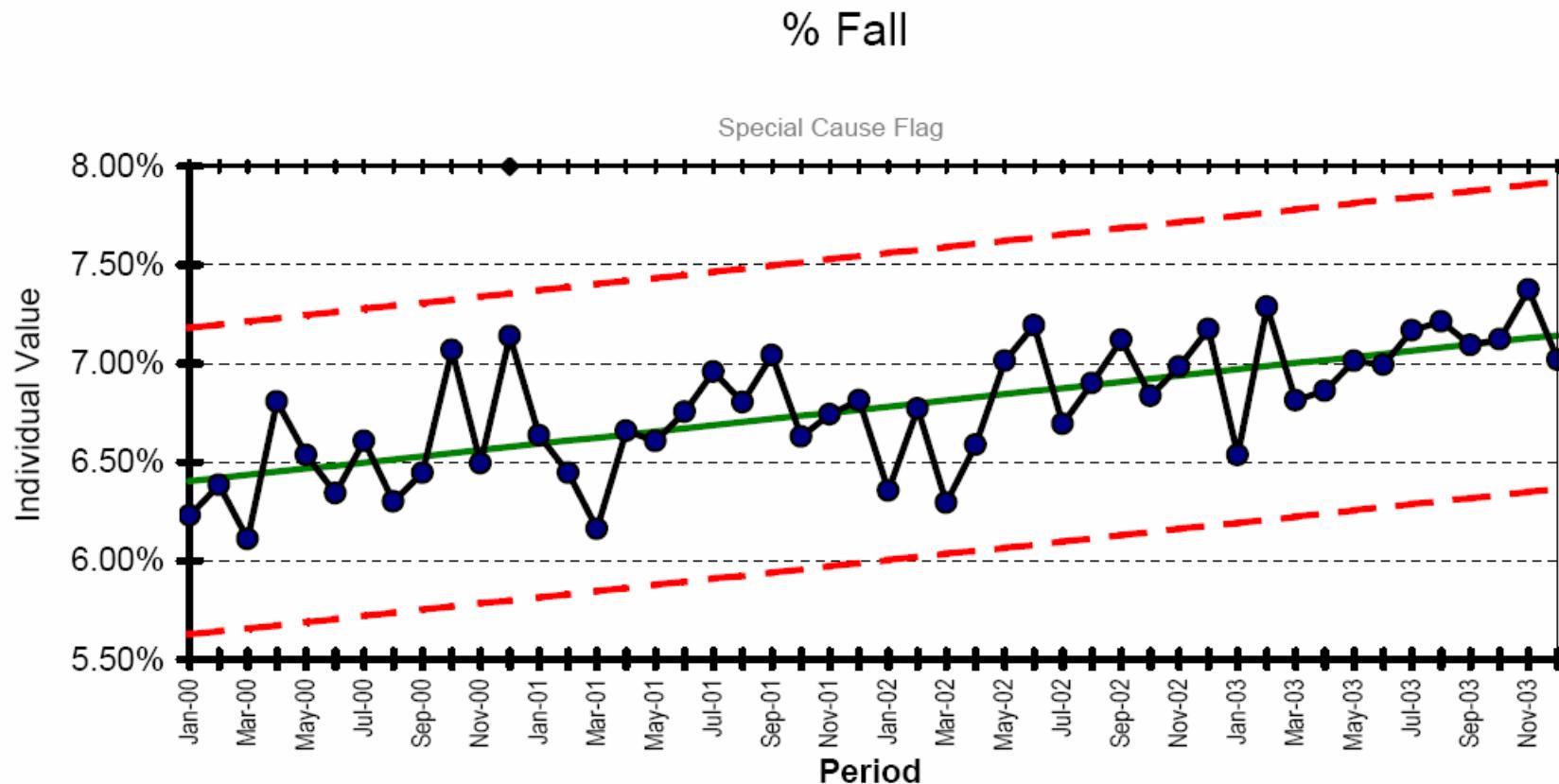
Special Cause(s) Detected

Last Center Value 0.00160314
 Last Data Value 0.00039351
 Sigma for Limits 0.0006087
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.000002118 per period Annualized Slope = 0.00002541 per year Database Column 20
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.870
 Slope/Center = 0.1321% Slope/Sigma = 0.003479
 Center/Sigma = 2.634
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data



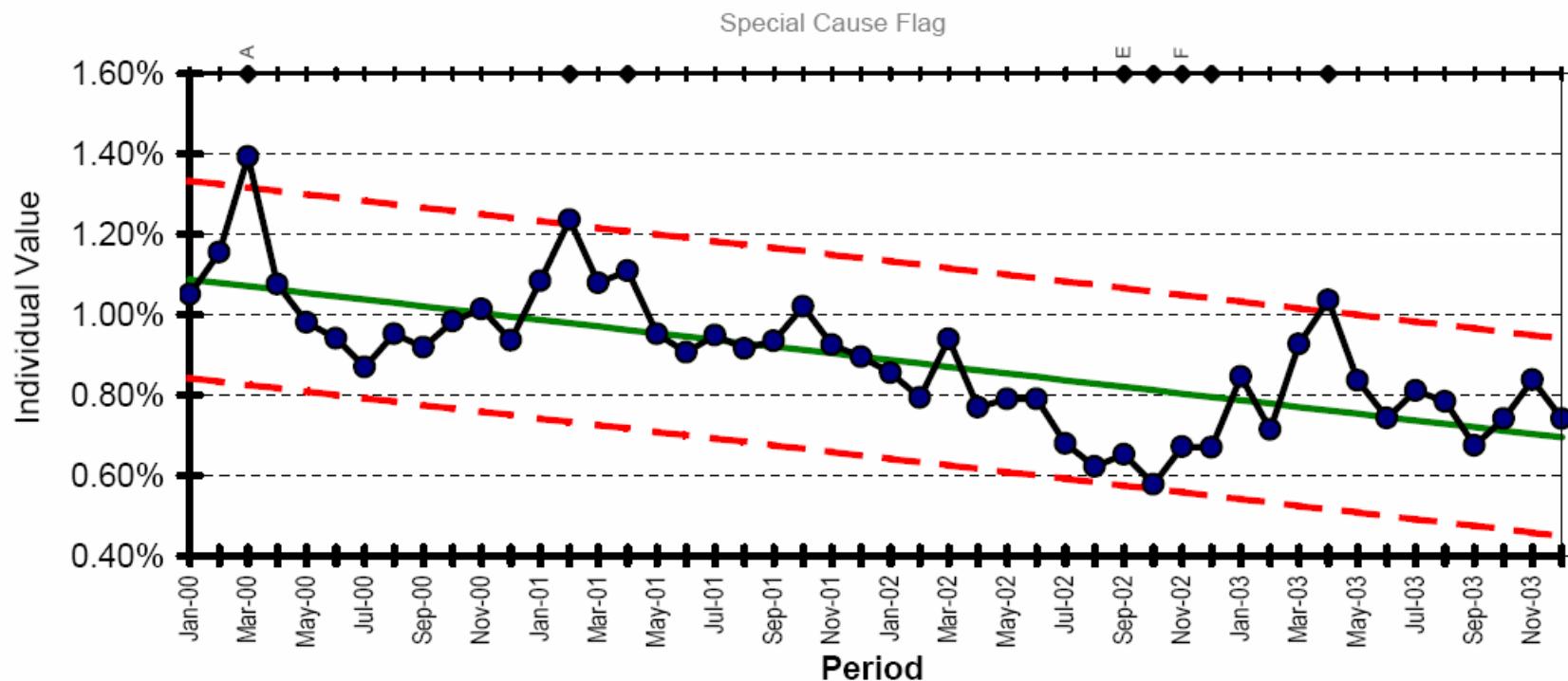
Special Cause(s) Detected	
Last Center Value	0.07143503
Last Data Value	0.07019615
Sigma for Limits	0.002595
Base for Limits	Average MR

Chart Type: Linear Trend
 Slope = 0.0001575 per period Annualized Slope = 0.001890 per year
 Current prob of no trend = 0.000
 Slope/Center = 0.2205% Slope/Sigma = 0.06069 Center/Sigma = 27.53

21

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% Fire



Special Cause(s) Detected

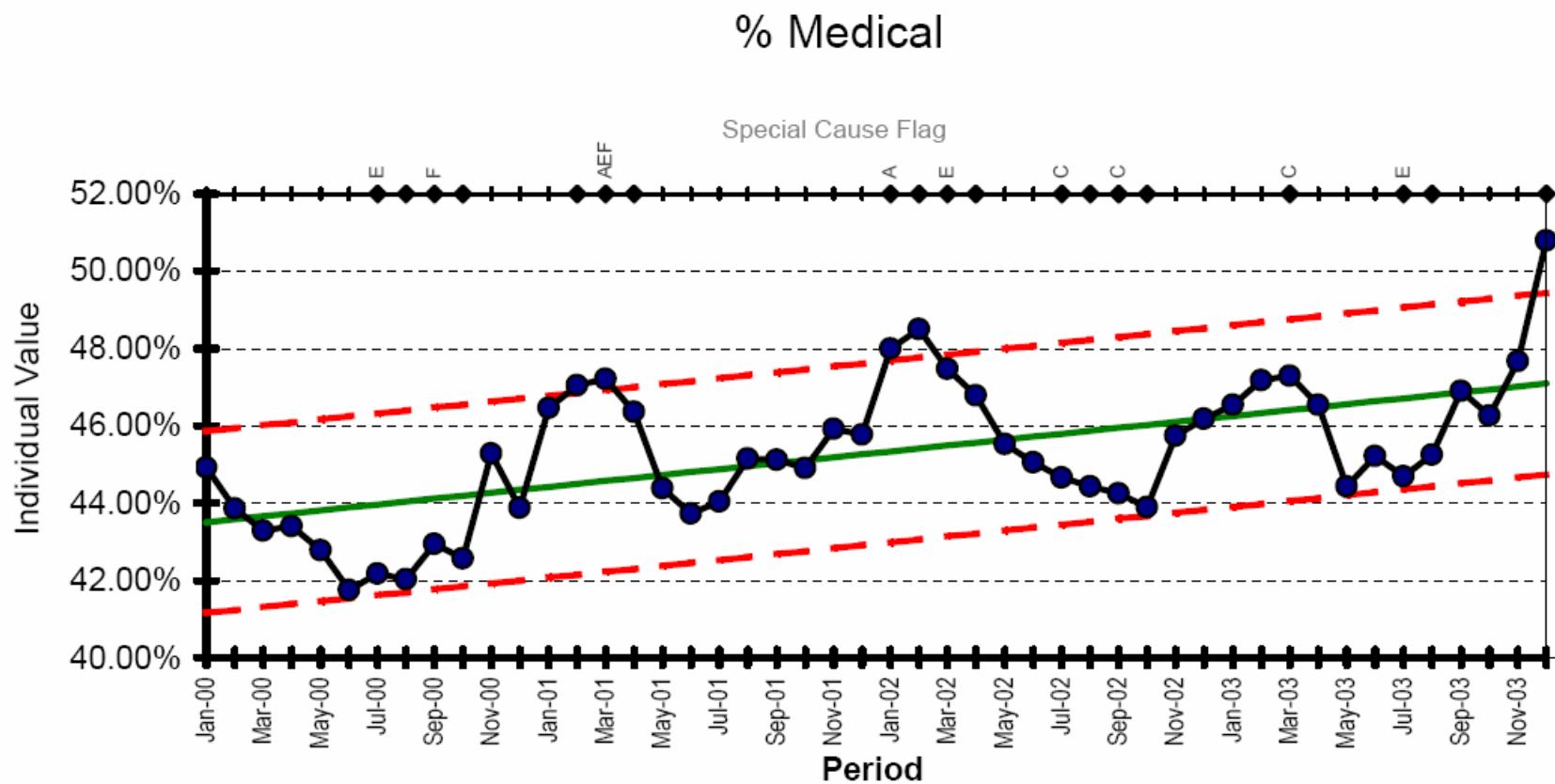
Last Center Value	0.00695078
Last Data Value	0.00741615
Sigma for Limits	0.0008191
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.00008358 per period Annualized Slope = -0.001003 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.000
 Slope/Center = -1.203% Slope/Sigma = -0.1020 Center/Sigma = 8.486

Database Column 22



Special Cause(s) Detected

Last Center Value	0.4708941
Last Data Value	0.50793074
Sigma for Limits	0.007838
Base for Limits	Average MR

Chart Type: Linear Trend

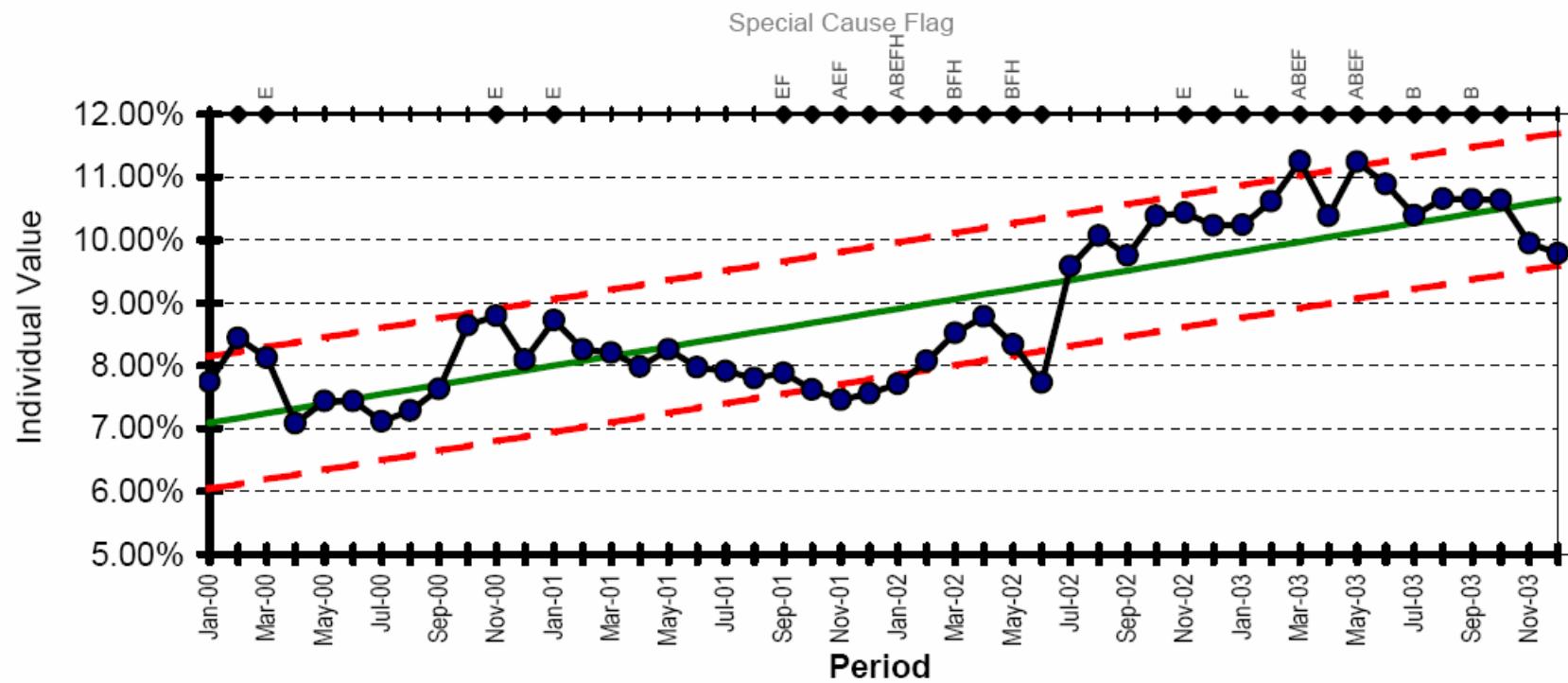
Slope = 0.0007628 per period Annualized Slope = 0.009154 per year Database Column 24

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = 0.1620% Slope/Sigma = 0.09732 Center/Sigma = 60.08

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% Inter-Facility



Special Cause(s) Detected

Last Center Value	0.10648092
Last Data Value	0.09789321
Sigma for Limits	0.003509
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0007567 per period Annualized Slope = 0.009080 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

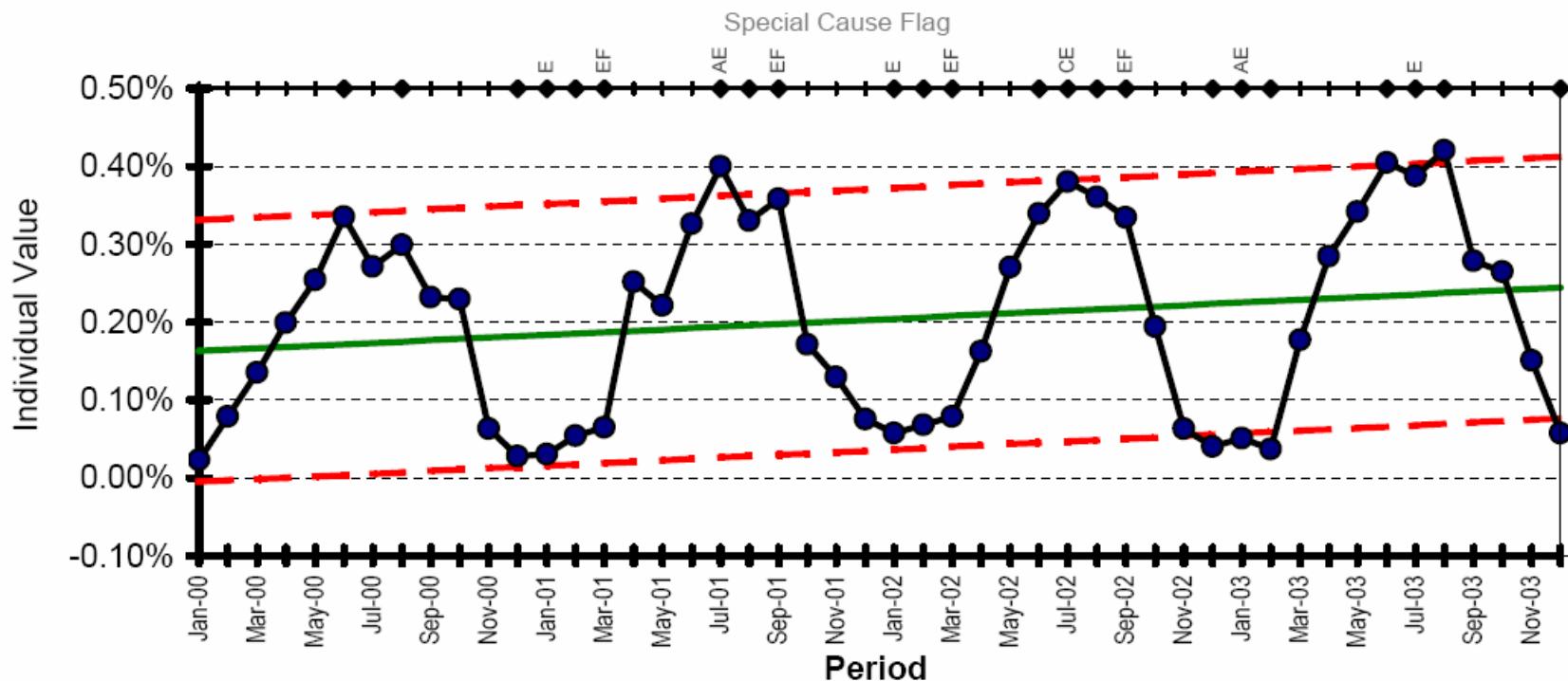
Current prob of no trend = 0.000
 Slope/Center = 0.7106% Slope/Sigma = 0.2156 Center/Sigma = 30.34

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Database Column

23

% Motorcycle



Special Cause(s) Detected

Last Center Value	0.00244237
Last Data Value	0.00057513
Sigma for Limits	0.0005601
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00001732 per period Annualized Slope = 0.0002079 per year

25

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

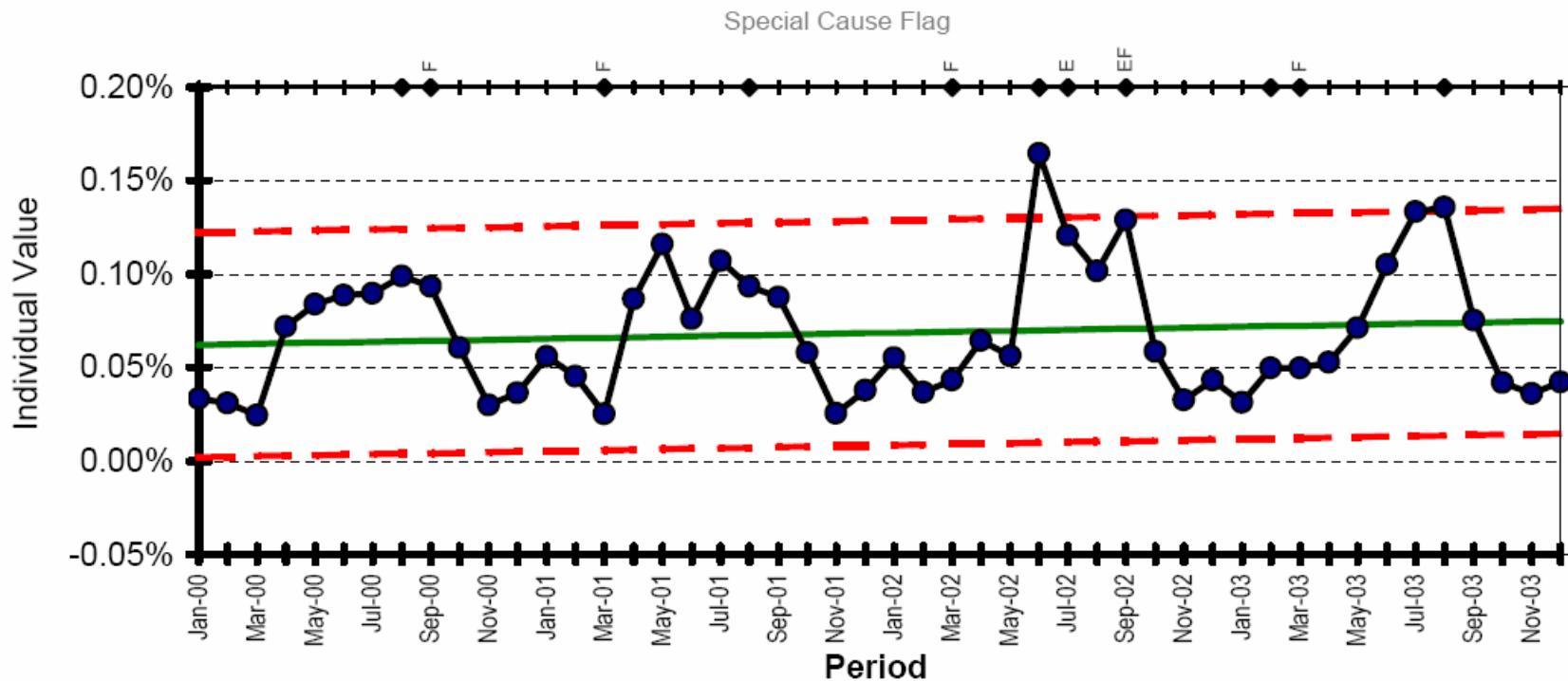
Current prob of no trend = 0.194

Slope/Center = 0.7093% Slope/Sigma = 0.03093

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 4.361

% Recreational Vehicle



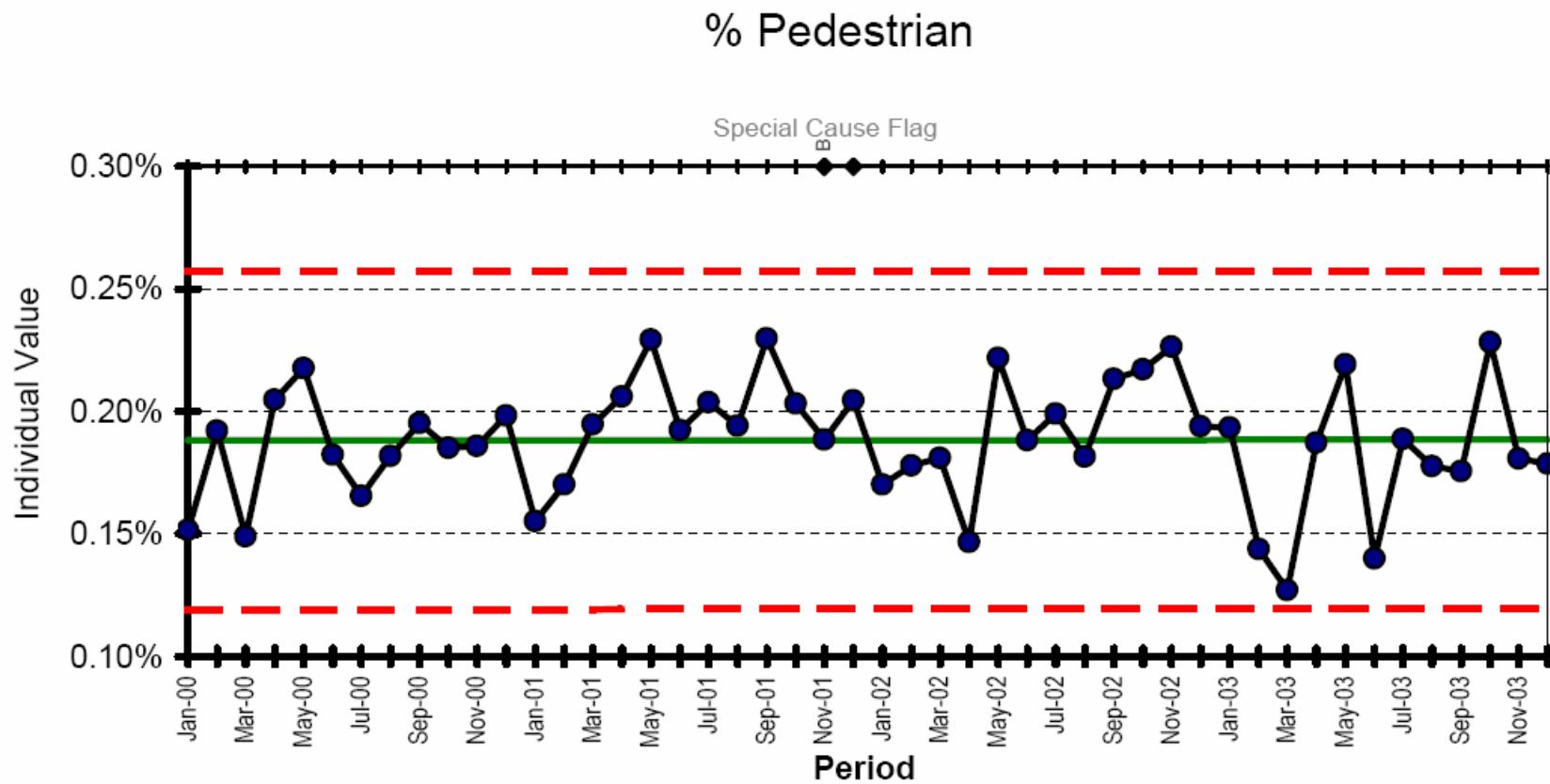
Special Cause(s) Detected

Last Center Value	0.00074812
Last Data Value	0.00042378
Sigma for Limits	0.0002006
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.000002695 per period	Annualized Slope = 0.00003234 per year	Database Column 27
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.460		X. Excluded or Missing Data
Slope/Center = 0.3602%	Slope/Sigma = 0.01343	Center/Sigma = 3.729



Special Cause(s) Detected

Last Center Value 0.00188443
 Last Data Value 0.00178593
 Sigma for Limits 0.0002302
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

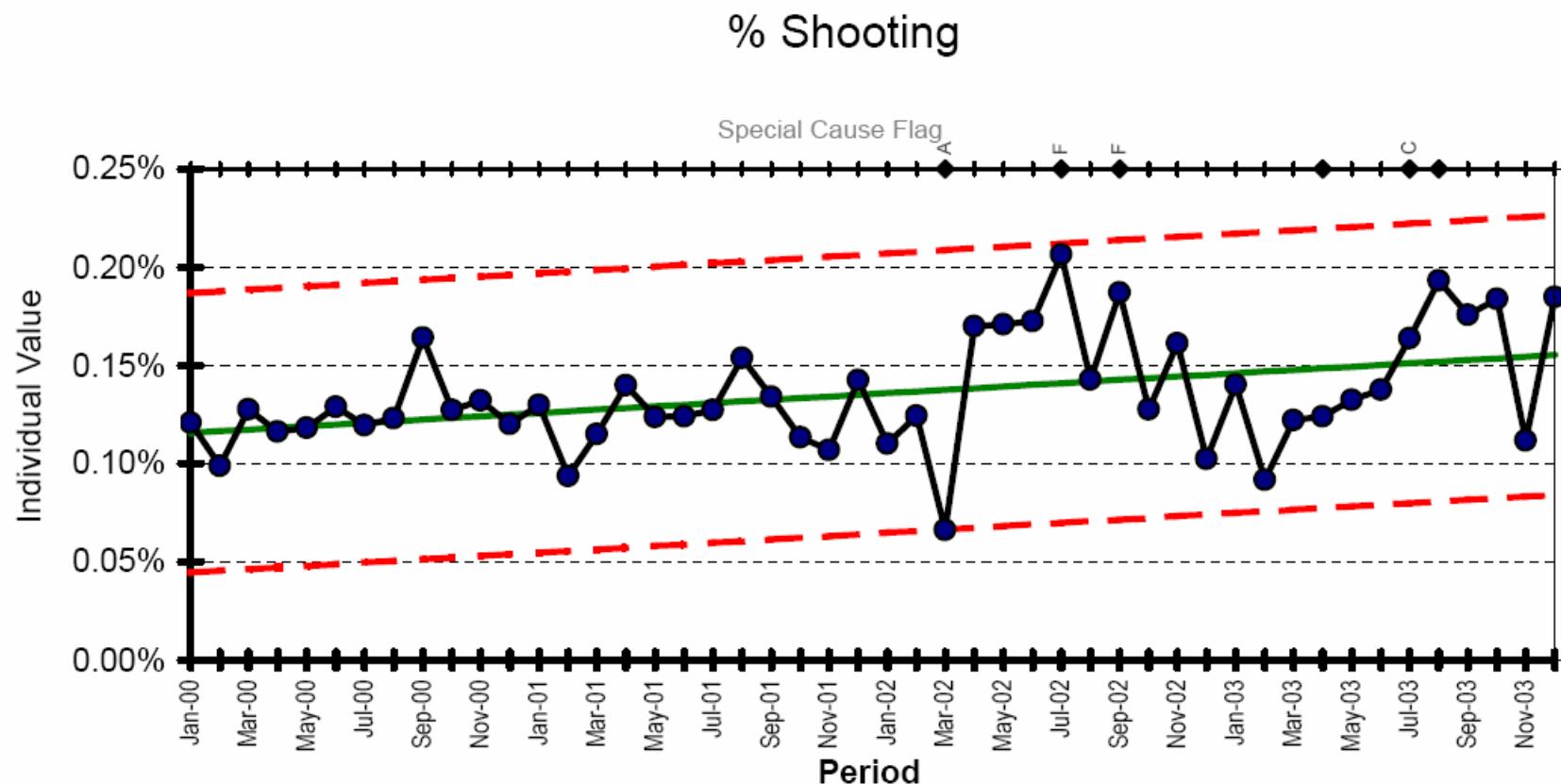
Slope = 0.00000004920 per period Annualized Slope = 0.0000005904 per year Database Column 26

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.985

Slope/Center = 0.002611% Slope/Sigma = 0.0002137 Center/Sigma = 8.186

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data



Special Cause(s) Detected	
Last Center Value	0.00155224
Last Data Value	0.00184647
Sigma for Limits	0.0002370
Base for Limits	Average MR

Chart Type: Linear Trend Database Column 28

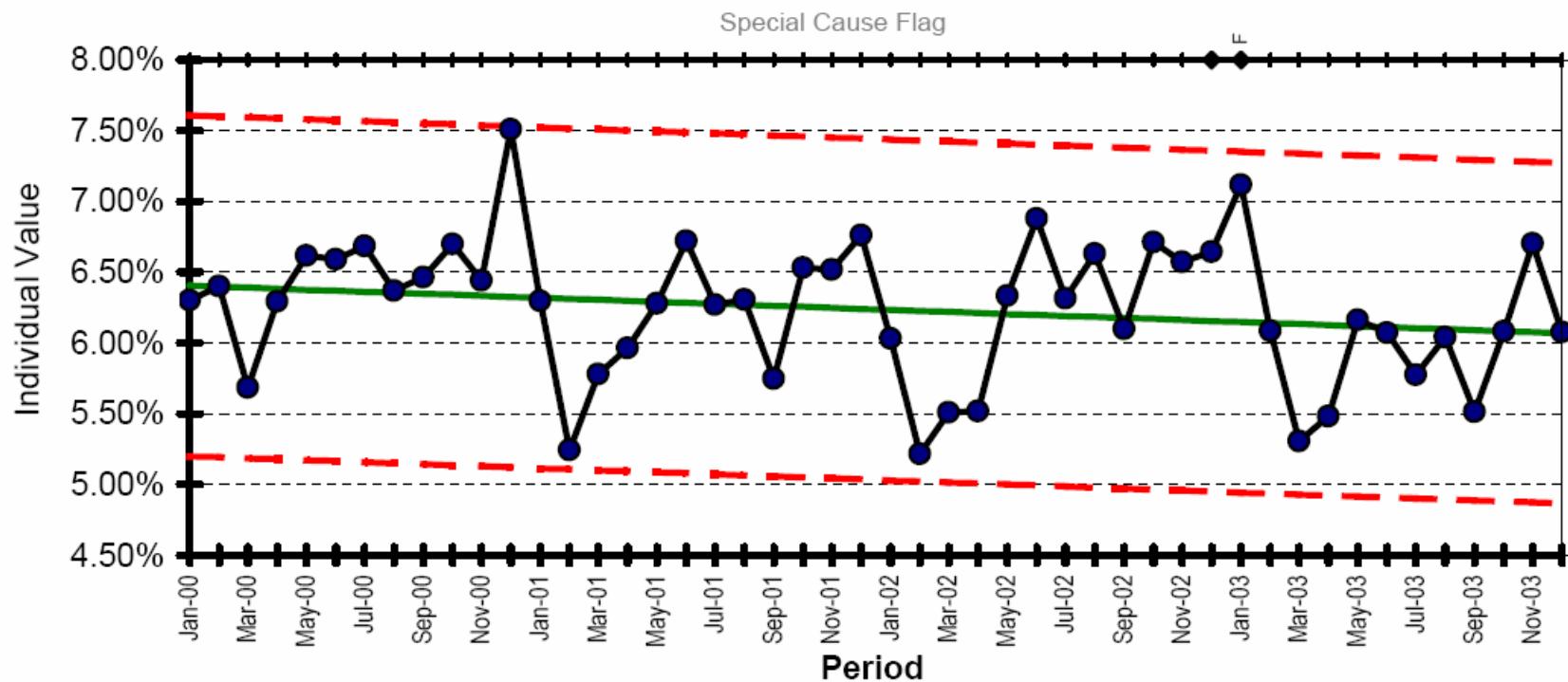
Slope = 0.000008413 per period Annualized Slope = 0.0001010 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.005
 Slope/Center = 0.5420% Slope/Sigma = 0.03550 Center/Sigma = 6.549

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% Vehicular



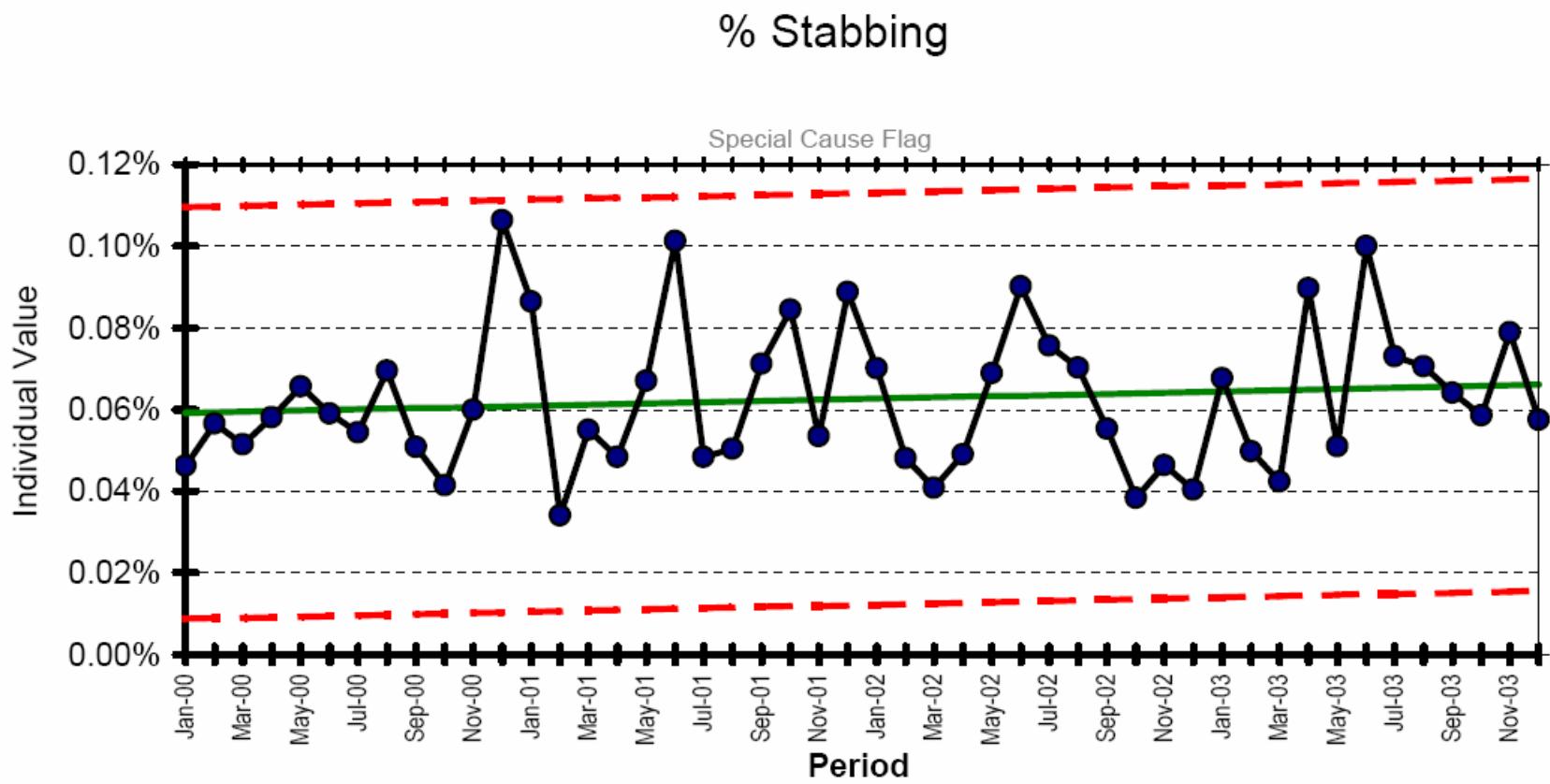
Special Cause(s) Detected

Last Center Value	0.06069056
Last Data Value	0.06078218
Sigma for Limits	0.004013
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.00007134 per period	Annualized Slope = -0.0008561 per year	Database Column 30
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.169		X. Excluded or Missing Data
Slope/Center = -0.1175%	Slope/Sigma = -0.01778	Center/Sigma = 15.12



No Special Cause Detected

Last Center Value	0.0006602
Last Data Value	0.00057513
Sigma for Limits	0.0001681
Base for Limits	Average MR

There is poor evidence of a trend!!

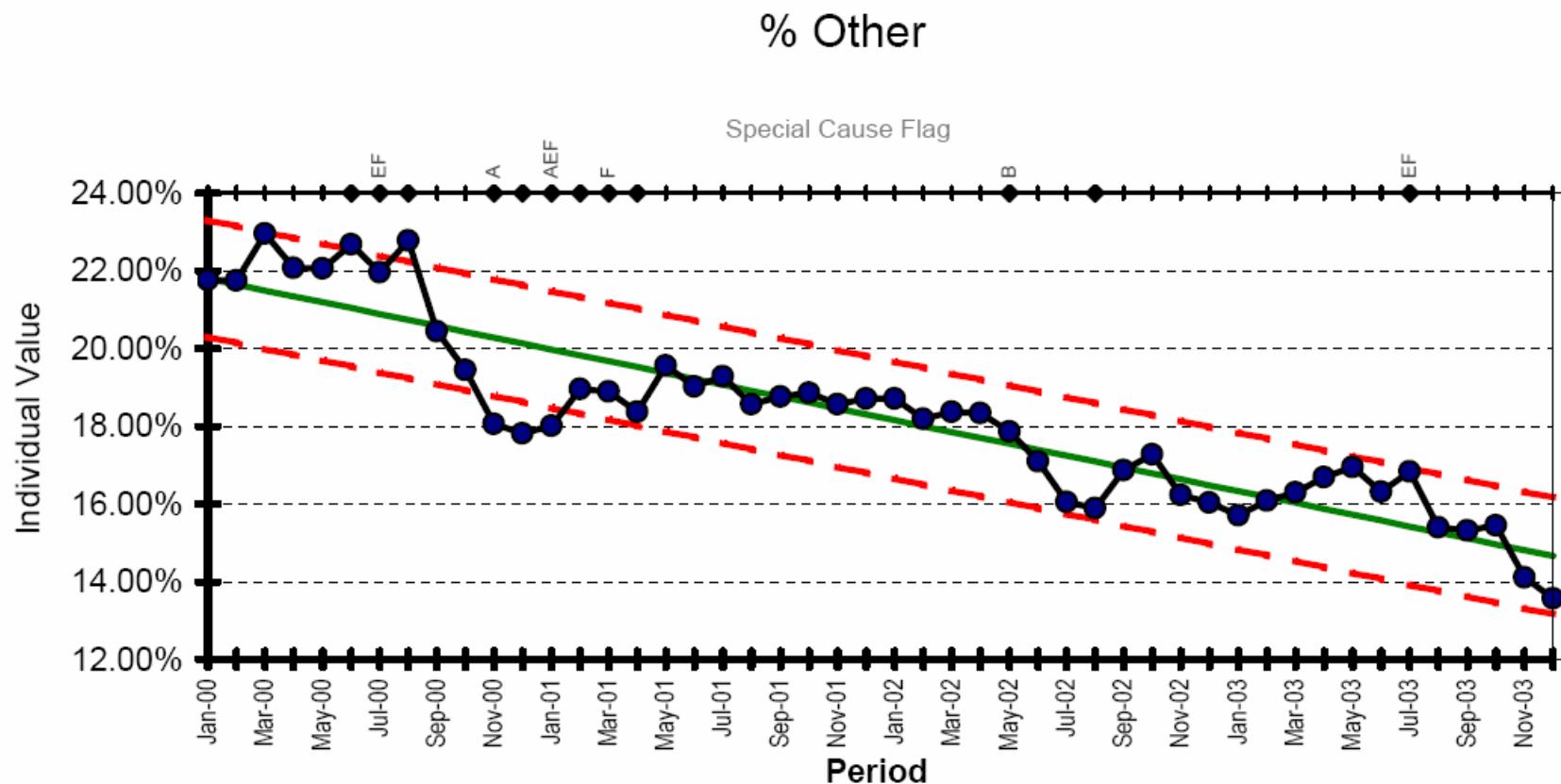
Chart Type: Linear Trend

Slope = 0.000001463 per period Annualized Slope = 0.00001756 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.432
 Slope/Center = 0.2216% Slope/Sigma = 0.008704 Center/Sigma = 3.928

Database Column

29

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value	0.14657831
Last Data Value	0.13567018
Sigma for Limits	0.005008
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.001519 per period Annualized Slope = -0.01823 per year Database Column 31

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -1.036% Slope/Sigma = -0.3033 Center/Sigma = 29.27

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

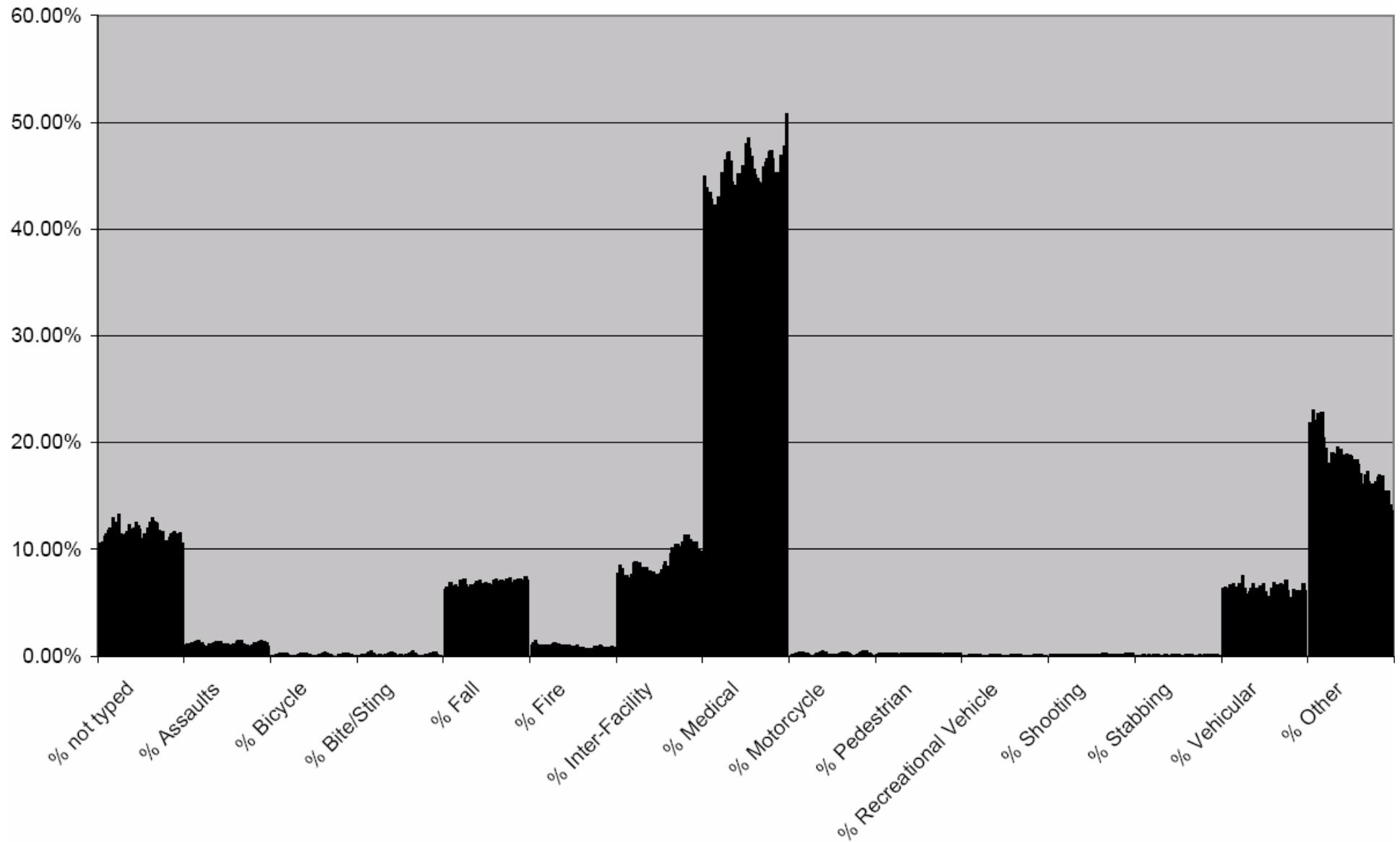
INCIDENT TYPE

Relative numbers

„Putting it all together“

- Not entered
- Assault
- Bicycle
- Bite/sting
- Fall
- Fire
- Inter-facility
- Medical
- Motorcycle
- Pedestrian
- Recreational vehicle
- Shooting
- Stabbing
- Vehicular
- Other

Incident Type

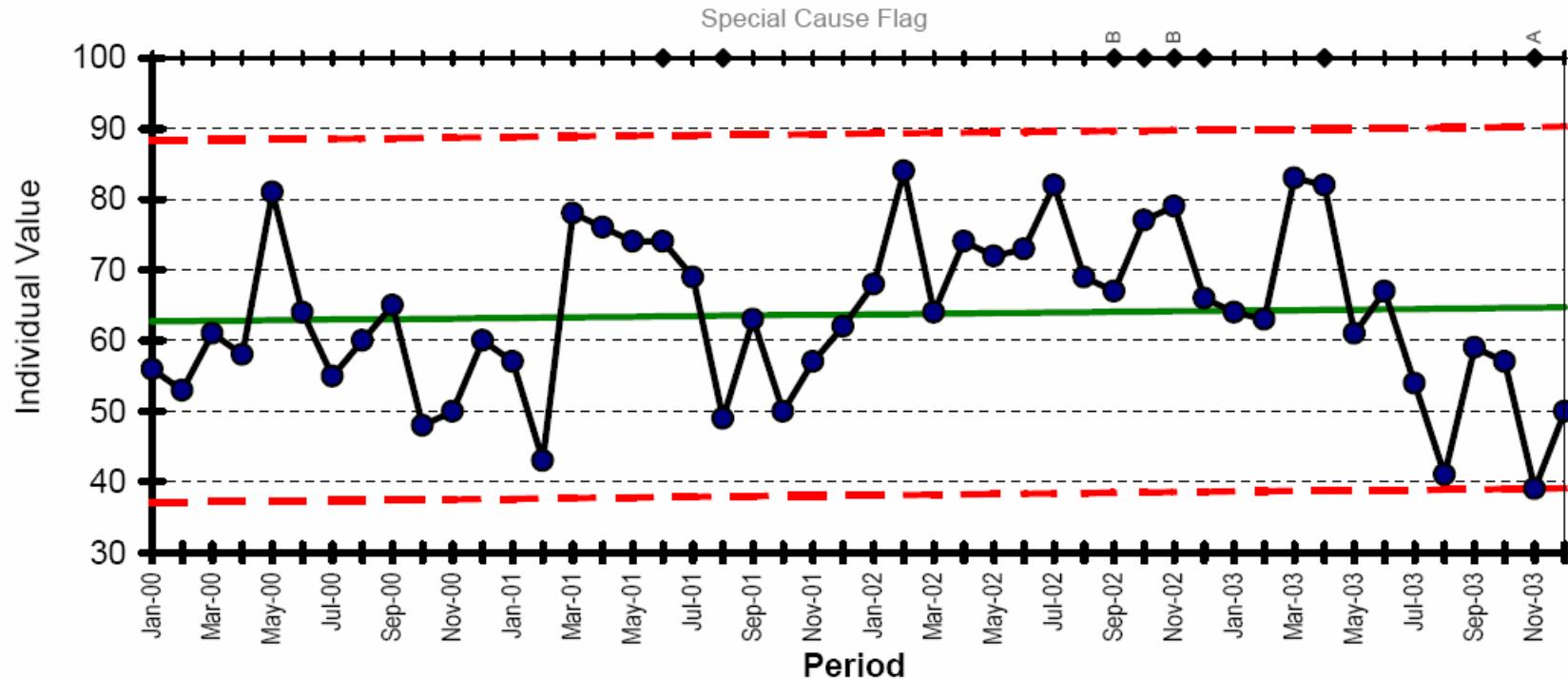


SUSPECTED ILLNESS

Absolute numbers

- Airway obstruction
- Behavioral
- Cardiac arrest
- Cardiac symptoms
- Dehydration
- Diabetes
- Dizziness
- Drowning
- GI problem
- Hemorrhaging
- Hyperthermia
- Hypothermia
- Nausea
- OB/GYN
- Pain
- Paralysis
- Poisoning/OD
- Respiratory
- Seizure
- Shock
- Stroke
- Vomiting
- Weakness
- Other

Num airway obstructions



Special Cause(s) Detected

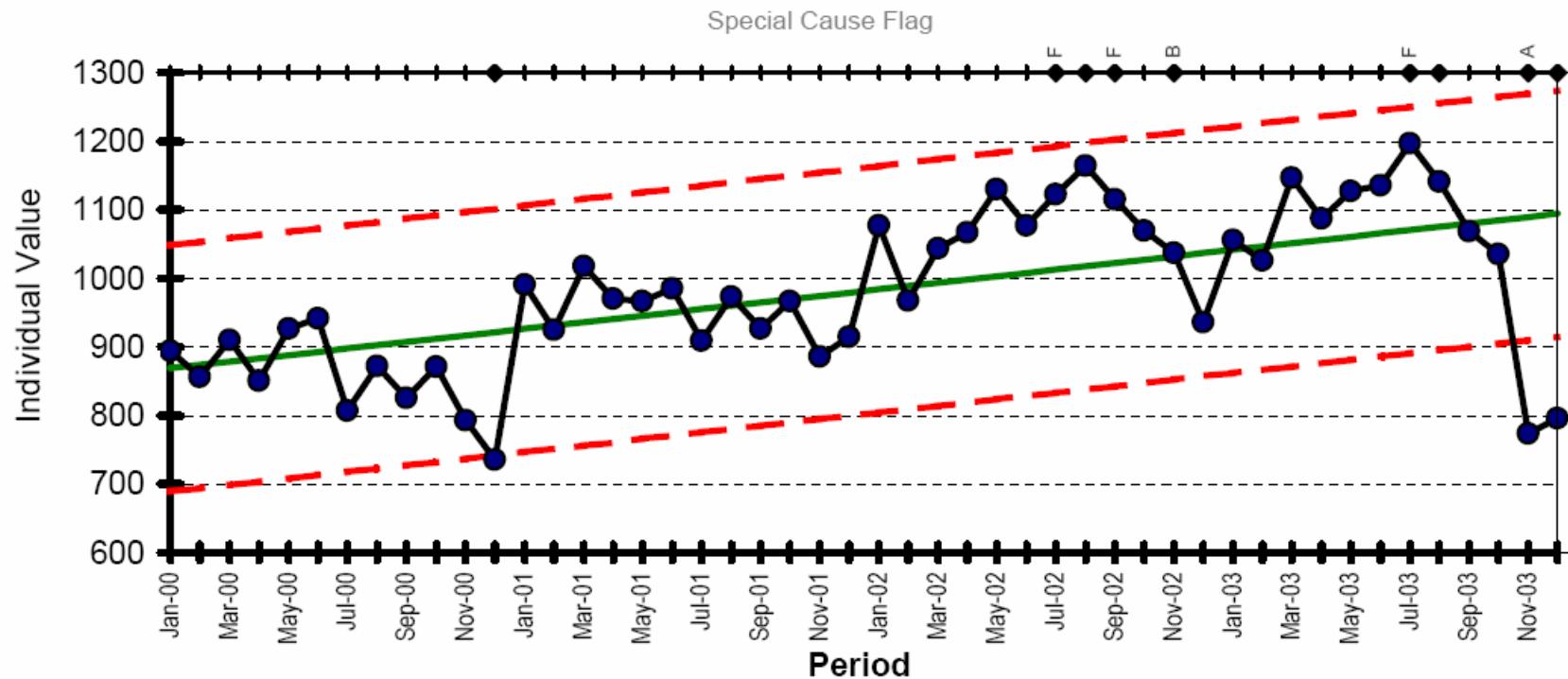
Last Center Value	64.7006803
Last Data Value	50
Sigma for Limits	8.530
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.04223 per period	Annualized Slope = 0.5067 per year	Database Column 2
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.729		X. Excluded or Missing Data
Slope/Center = 0.06527% Slope/Sigma = 0.004950		Center/Sigma = 7.585

Num behavioral



Special Cause(s) Detected

Last Center Value	1094.40646
Last Data Value	796
Sigma for Limits	59.96
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 4.800 per period Annualized Slope = 57.60 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

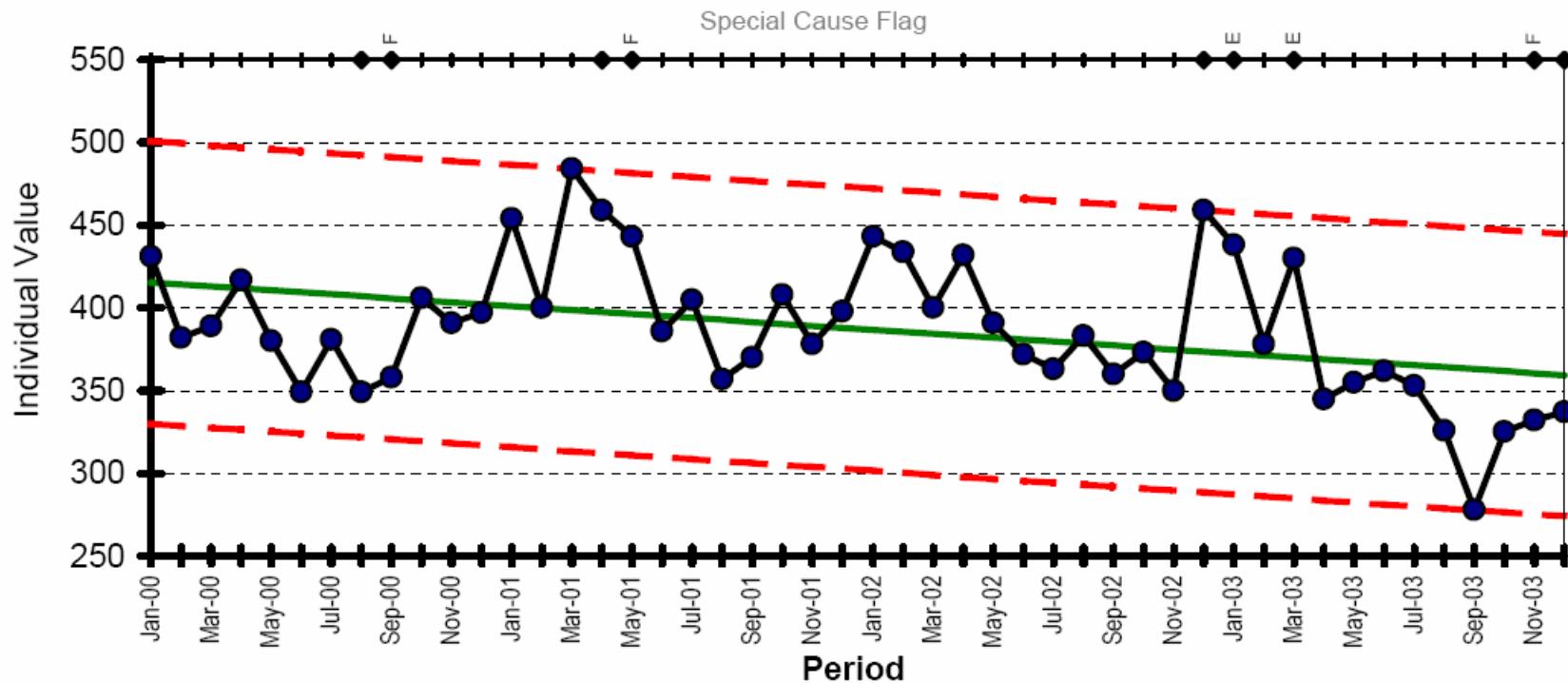
Current prob of no trend = 0.000

Slope/Center = 0.4386% Slope/Sigma = 0.08005

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 18.25

3

Num cardiac arrests



Special Cause(s) Detected

Last Center Value	359.311224
Last Data Value	337
Sigma for Limits	28.46
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -1.192 per period Annualized Slope = -14.30 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

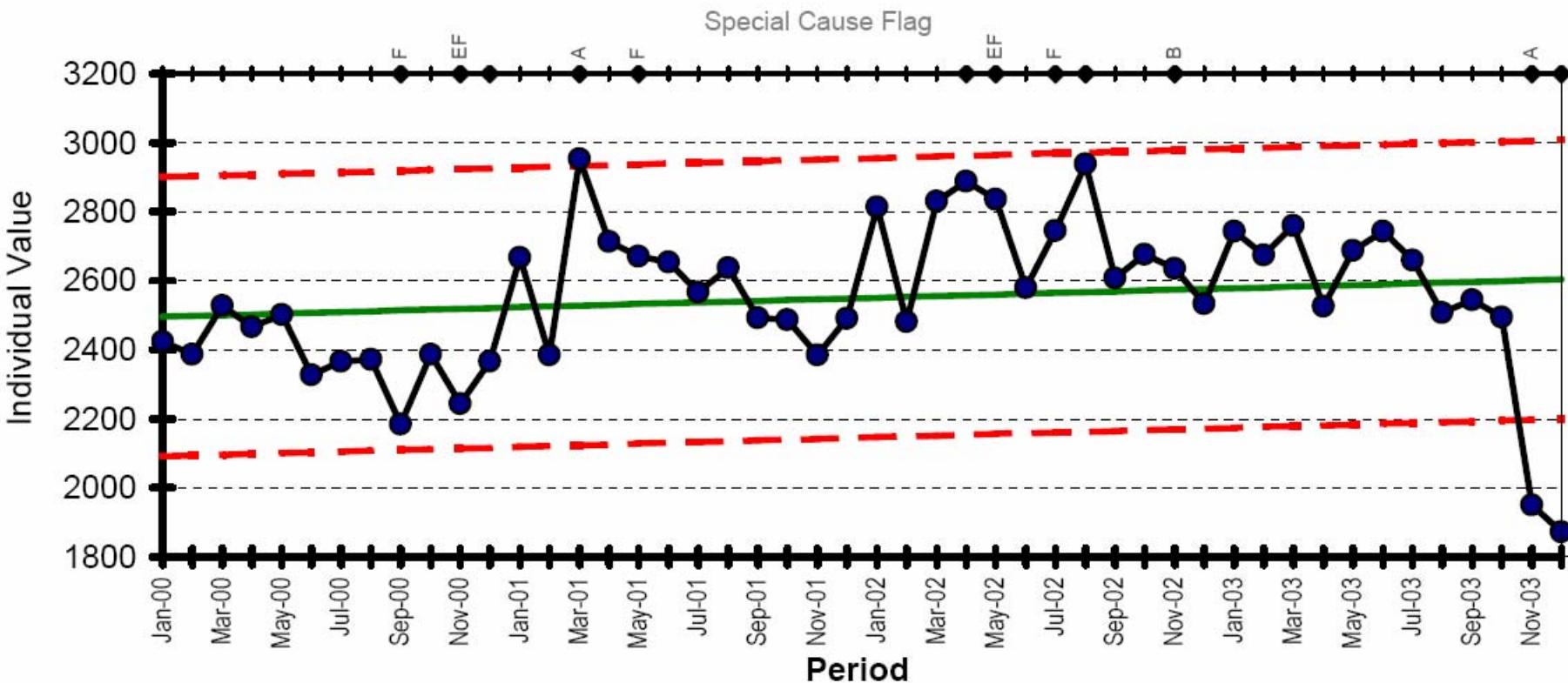
Current prob of no trend = 0.005
 Slope/Center = -0.3316% Slope/Sigma = -0.04187

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Center/Sigma = 12.63

4

Num cardiac symptoms



Special Cause(s) Detected

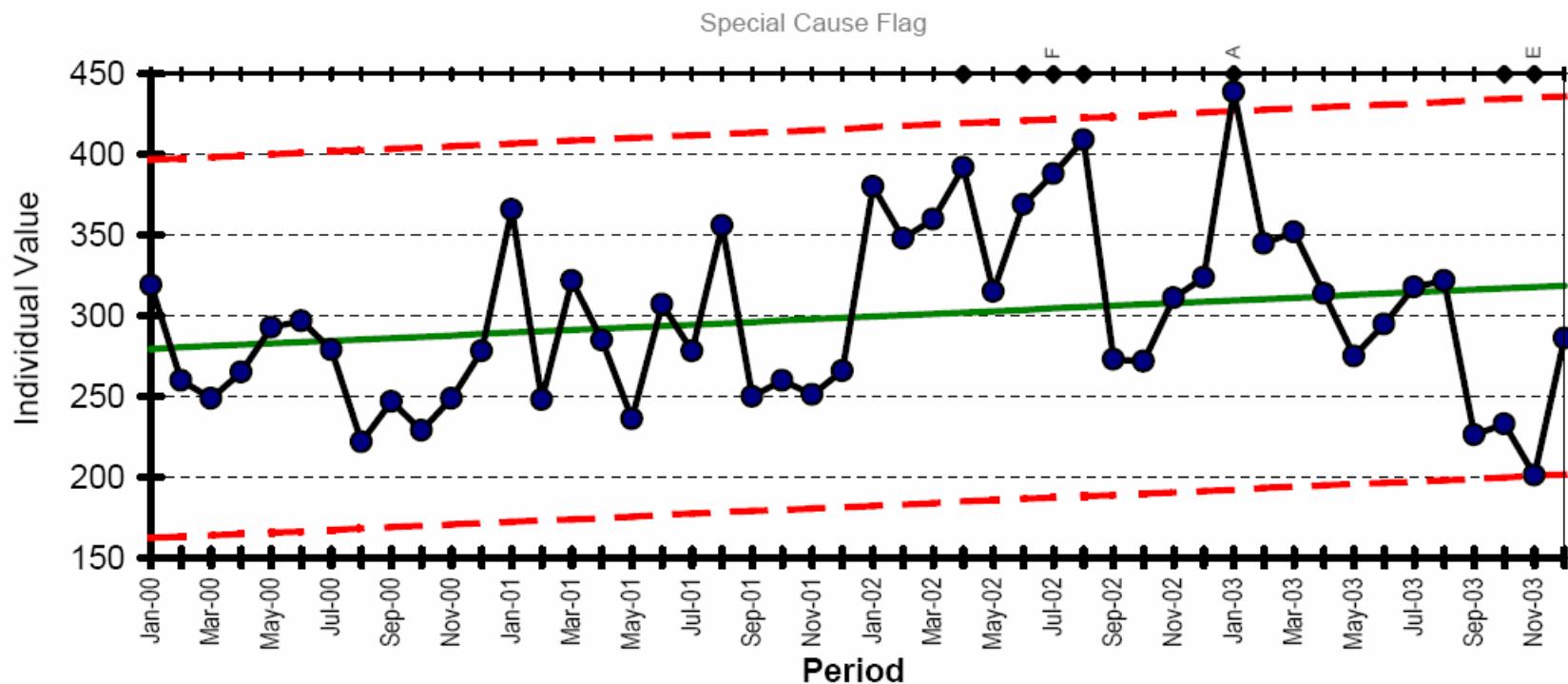
Last Center Value	2603.72109
Last Data Value	1873
Sigma for Limits	134.8
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 2.296 per period	Annualized Slope = 27.55 per year	Database Column 5
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.326		X. Excluded or Missing Data
Slope/Center = 0.08817%	Slope/Sigma = 0.01703	Center/Sigma = 19.31

Num dehydration



Special Cause(s) Detected

Last Center Value	318.746599
Last Data Value	286
Sigma for Limits	39.10
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.8341 per period Annualized Slope = 10.01 per year

6

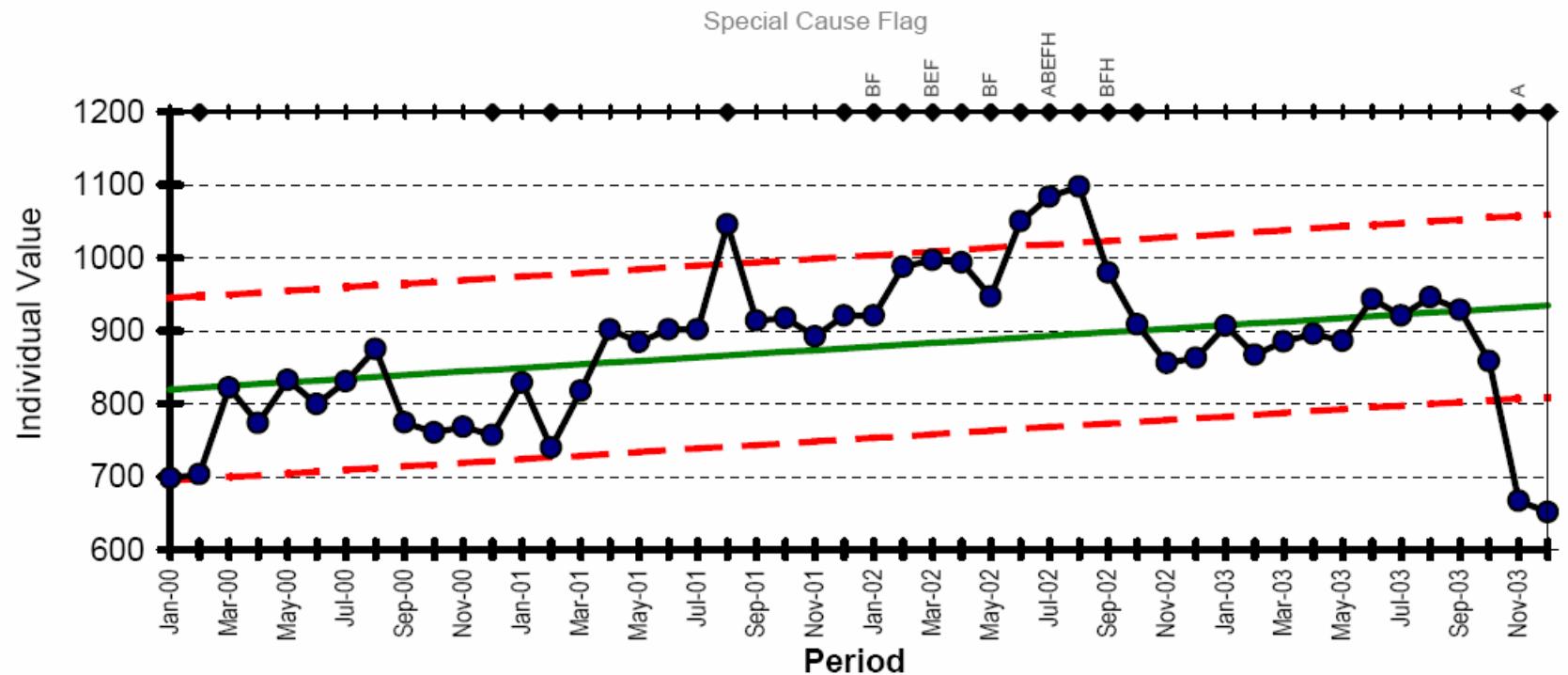
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.144

Slope/Center = 0.2617% Slope/Sigma = 0.02133

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 8.151

Num dizziness



Special Cause(s) Detected

Last Center Value	934.55102
Last Data Value	651
Sigma for Limits	41.73
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 2.444 per period Annualized Slope = 29.32 per year

8

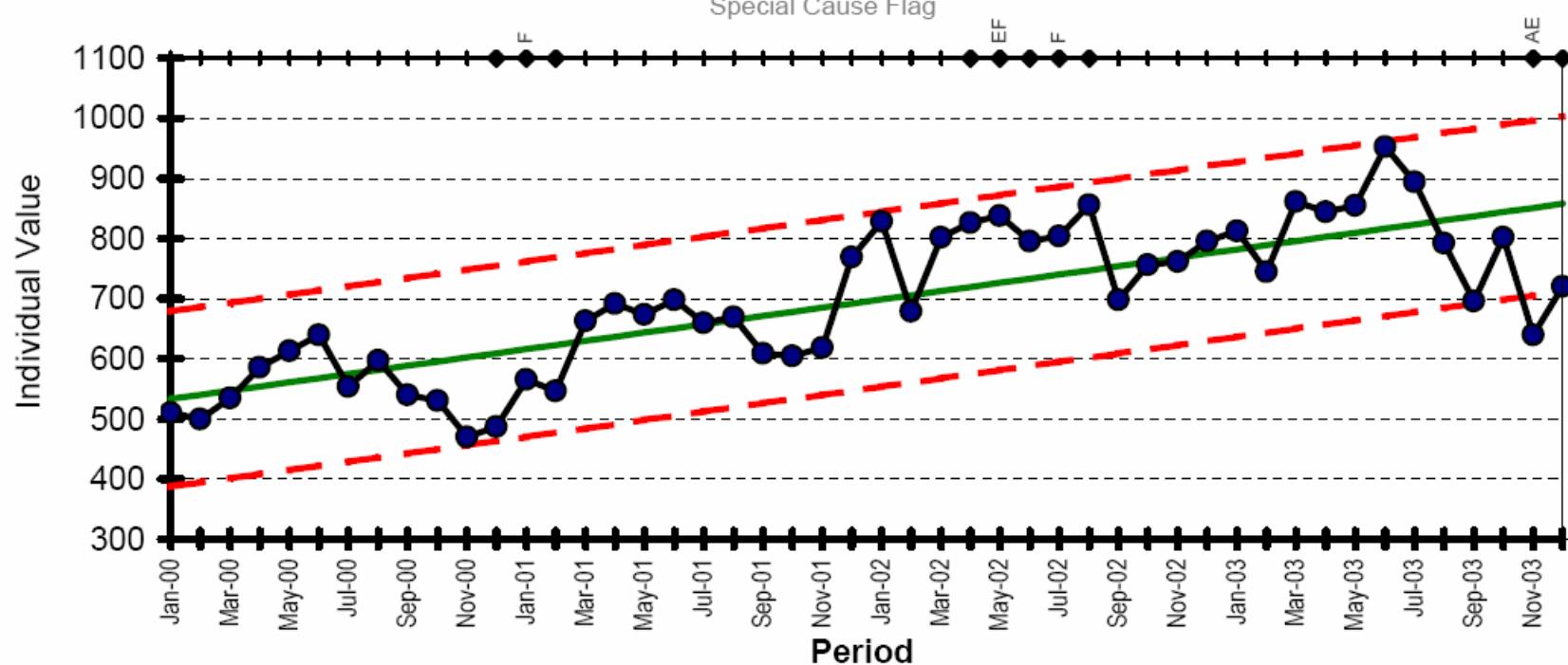
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.020

Slope/Center = 0.2615% Slope/Sigma = 0.05856 Center/Sigma = 22.39

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num diabetes



Special Cause(s) Detected

Last Center Value	857.64881
Last Data Value	720
Sigma for Limits	48.58
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 6.903 per period Annualized Slope = 82.84 per year

7

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

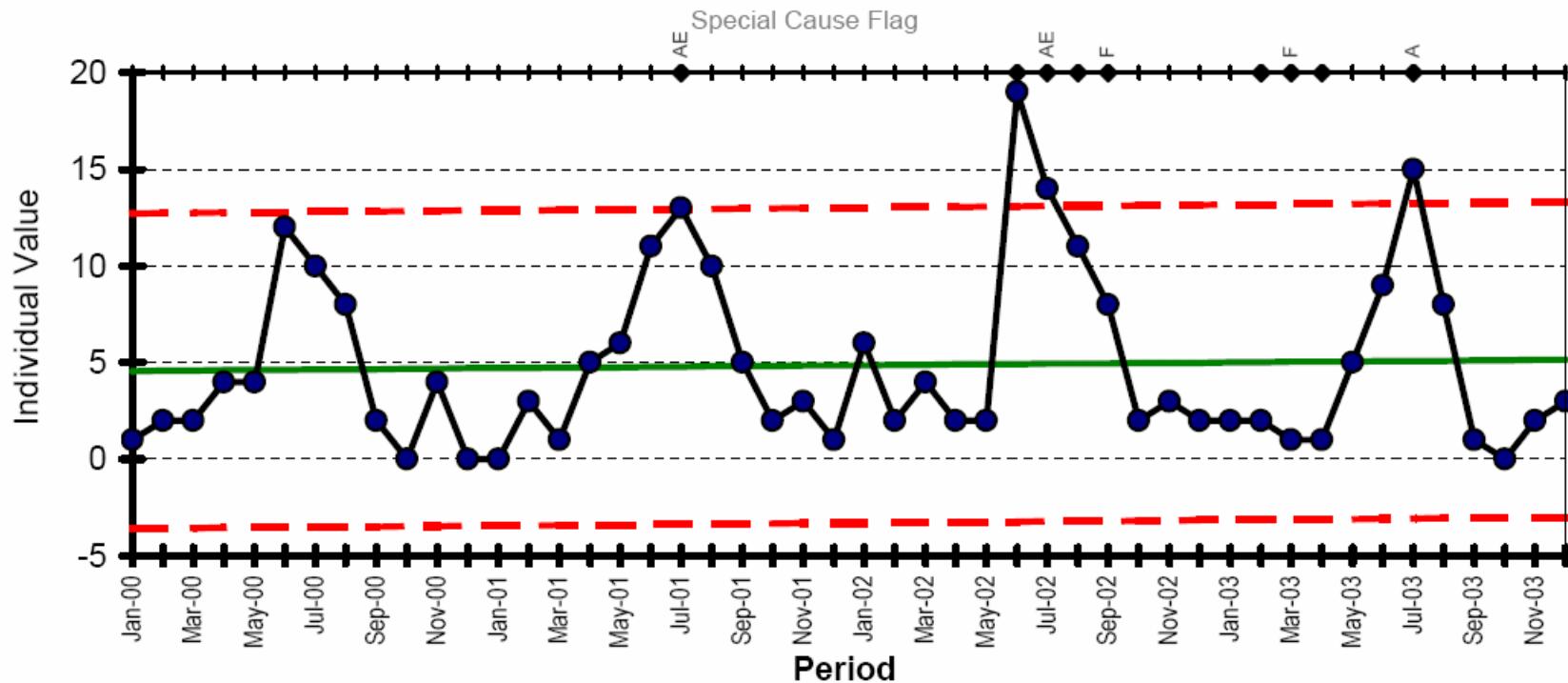
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000

Slope/Center = 0.8049% Slope/Sigma = 0.1421

Center/Sigma = 17.65

Num drowning



Special Cause(s) Detected

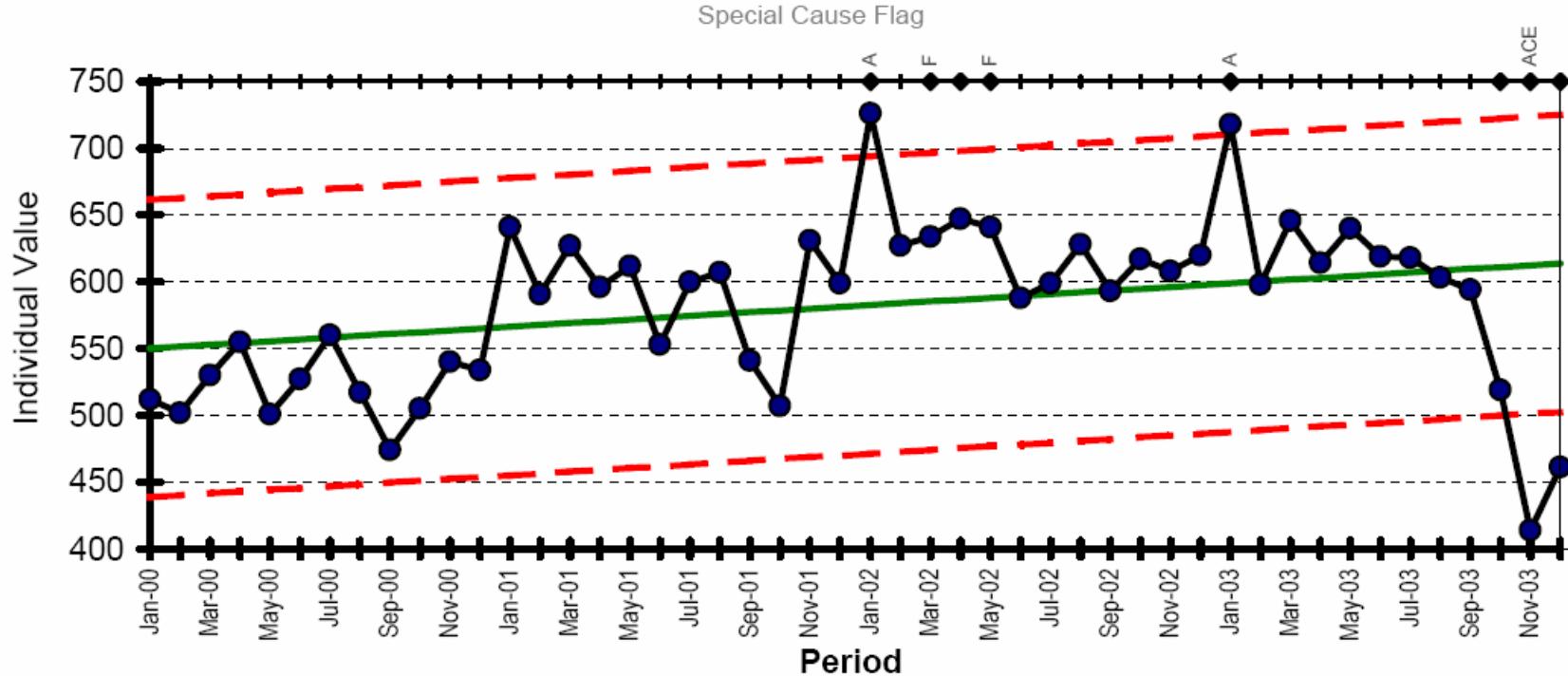
Last Center Value	5.14370748
Last Data Value	3
Sigma for Limits	2.718
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.01232 per period	Annualized Slope = 0.1479 per year	Database Column 9
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.799		X. Excluded or Missing Data
Slope/Center = 0.2395%	Slope/Sigma = 0.004533	Center/Sigma = 1.892

Num GI problems



Special Cause(s) Detected

Value	Count
Last Center Value	613.807823
Last Data Value	461
Sigma for Limits	37.09
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 1.355 per period Annualized Slope = 16.26 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

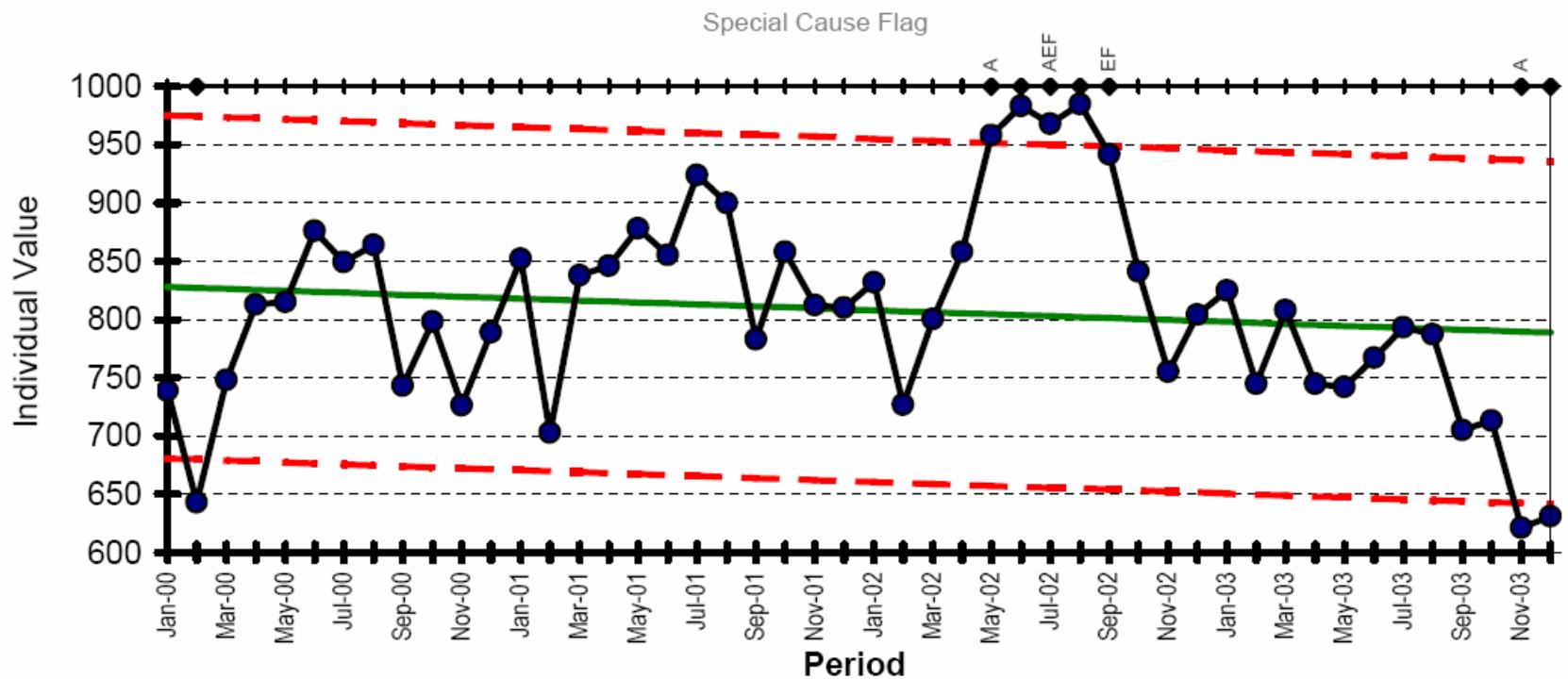
Current prob of no trend = 0.037

Slope/Center = 0.2208% Slope/Sigma = 0.03654 Center/Sigma = 16.55

Database Column **10**

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Num hemorrhaging



Special Cause(s) Detected

Last Center Value 788.667517
Last Data Value 631
Sigma for Limits 49.08
Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

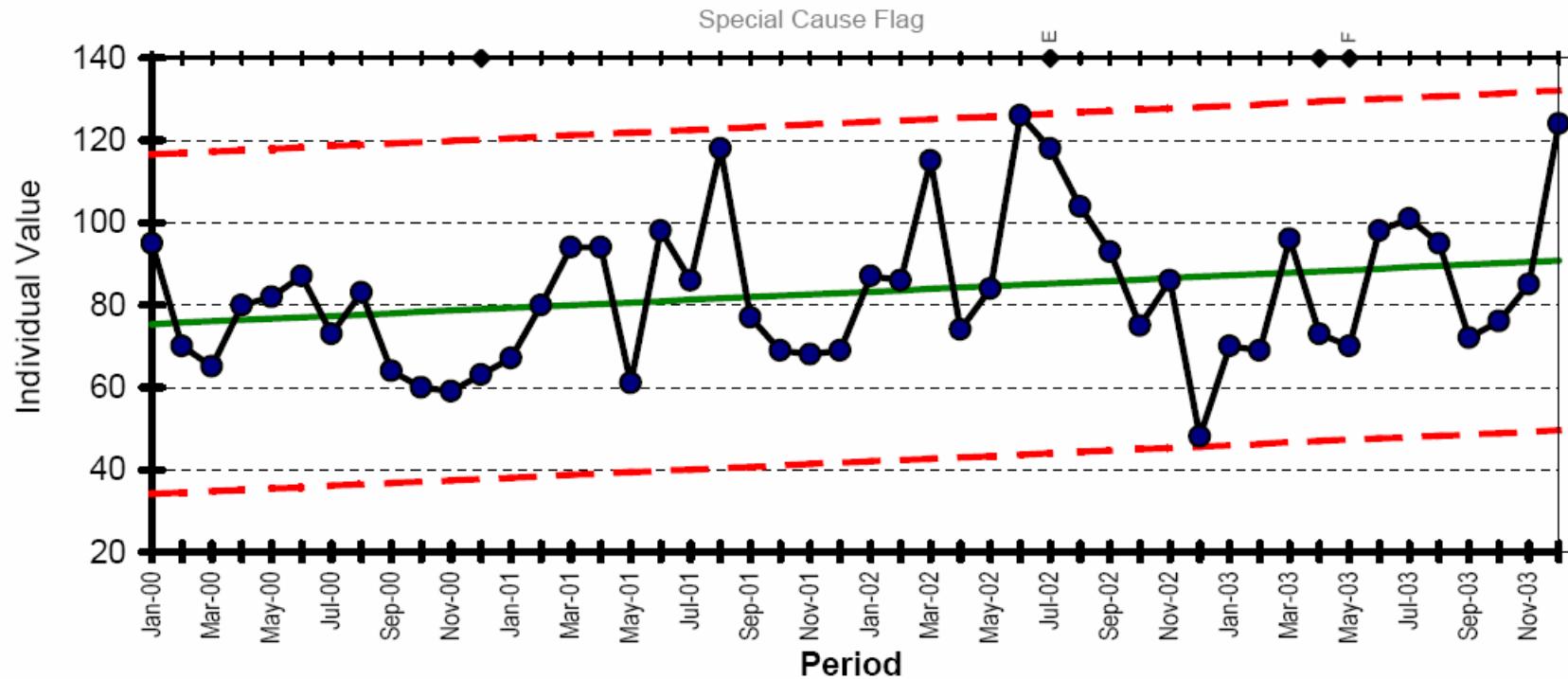
Slope = -0.8342 per period Annualized Slope = -10.01 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.357
 Slope/Center = -0.1058% Slope/Sigma = -0.01700
 Center/Sigma = 16.07

Database Column

11

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num hyperthermia



Special Cause(s) Detected

Last Center Value	90.7831633
Last Data Value	124
Sigma for Limits	13.76
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.3285 per period Annualized Slope = 3.942 per year

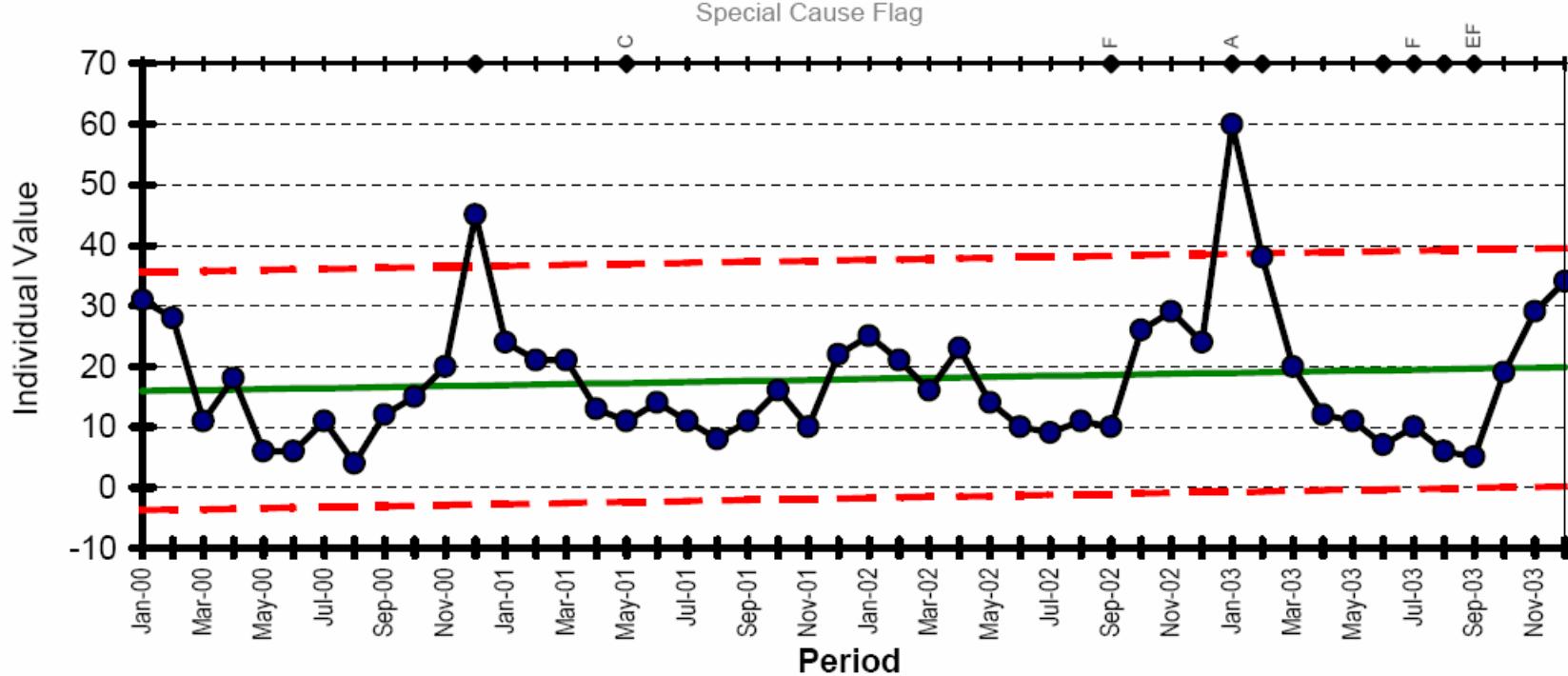
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.079
 Slope/Center = 0.3619% Slope/Sigma = 0.02388 Center/Sigma = 6.599

Database Column 12

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Num hypothermia



Special Cause(s) Detected

Last Center Value 19.8545918
Last Data Value 34
Sigma for Limits 6.556
Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

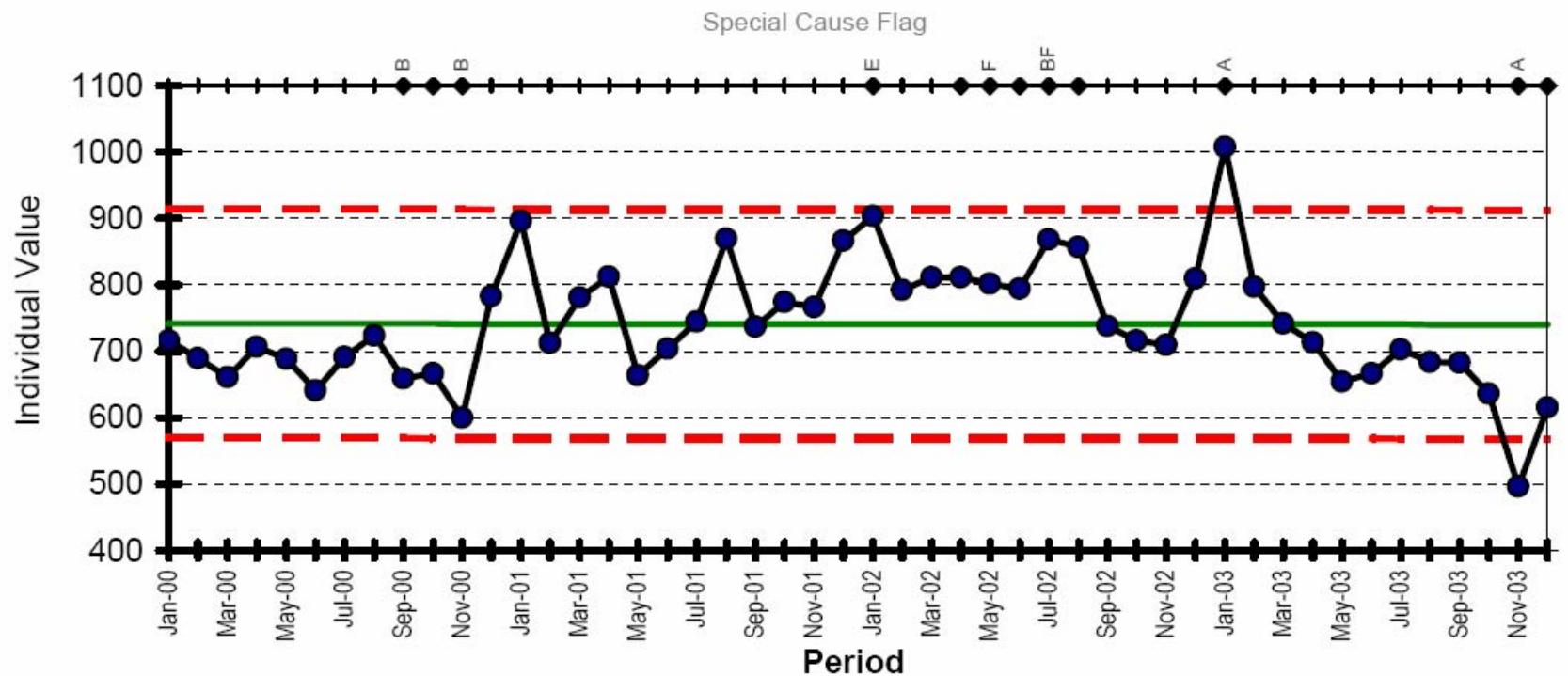
Slope = 0.08424 per period Annualized Slope = 1.011 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.471
 Slope/Center = 0.4243% Slope/Sigma = 0.01285 Center/Sigma = 3.028

Database Column

13

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num nausea



Special Cause(s) Detected

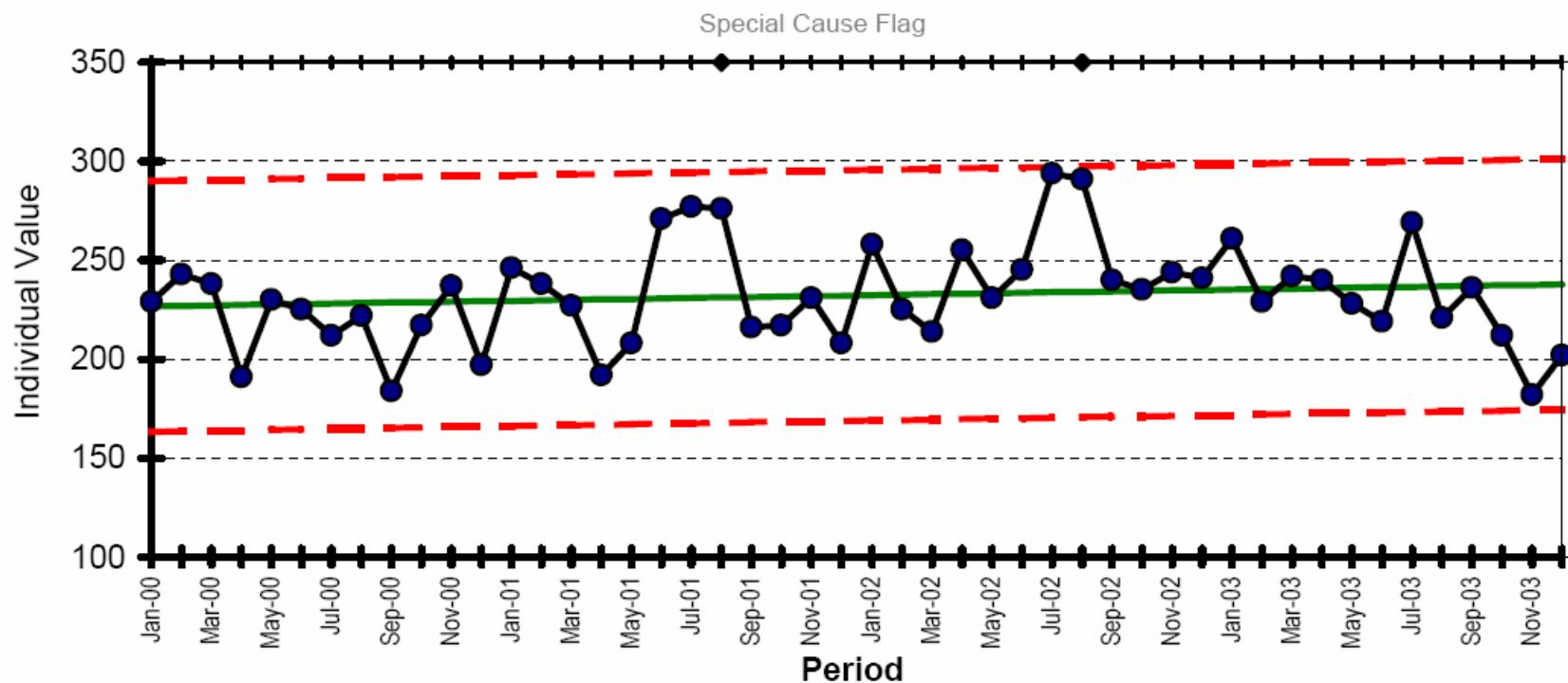
Last Center Value	740.35119
Last Data Value	615
Sigma for Limits	57.47
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.02850 per period Annualized Slope = -0.3419 per year
 14
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.977
 Slope/Center = -0.003849% Slope/Sigma = -0.0004958 Center/Sigma = 12.88
 Database Column
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Num OB/Gyn



Special Cause(s) Detected

Last Center Value	237.736395
Last Data Value	202
Sigma for Limits	21.13
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.2352 per period Annualized Slope = 2.823 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.385

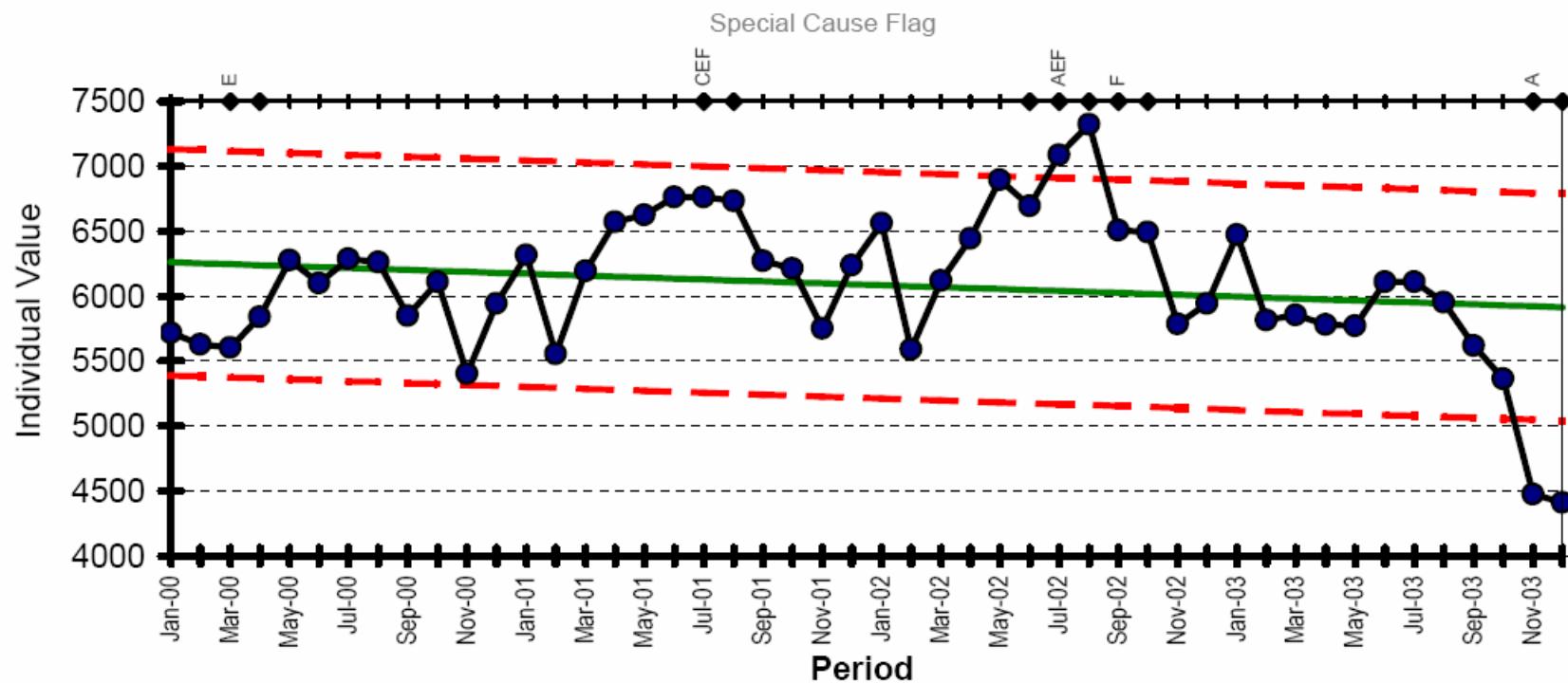
Slope/Center = 0.09895% Slope/Sigma = 0.01113

Database Column

15

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data
- Center/Sigma = 11.25

Num pain



Special Cause(s) Detected

Last Center Value	5914.7415
Last Data Value	4414
Sigma for Limits	290.6
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -7.392 per period Annualized Slope = -88.71 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

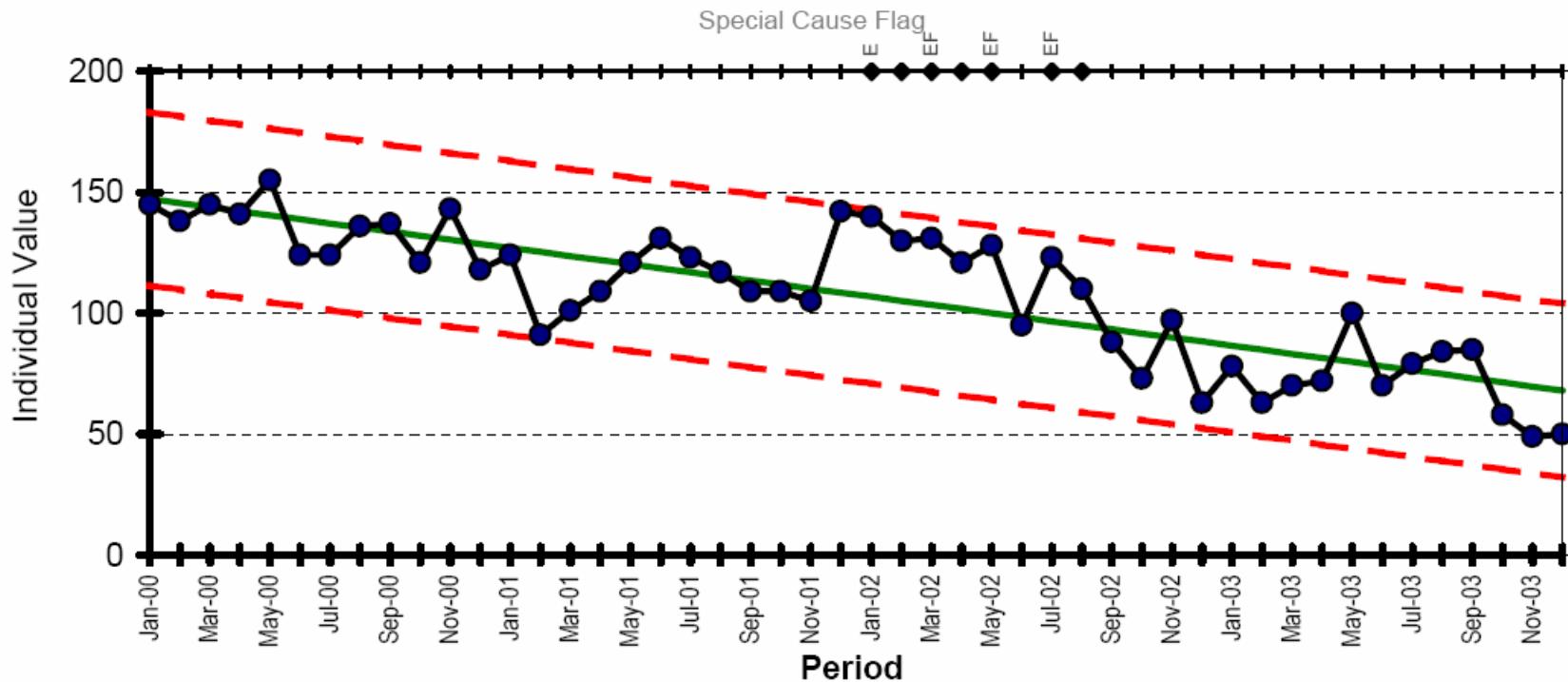
Current prob of no trend = 0.211
 Slope/Center = -0.1250% Slope/Sigma = -0.02544

Database Column

16

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data
- Center/Sigma = 20.35

Num paralysis



Special Cause(s) Detected

Last Center Value	68.0204082
Last Data Value	50
Sigma for Limits	11.96
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -1.685 per period Annualized Slope = -20.22 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

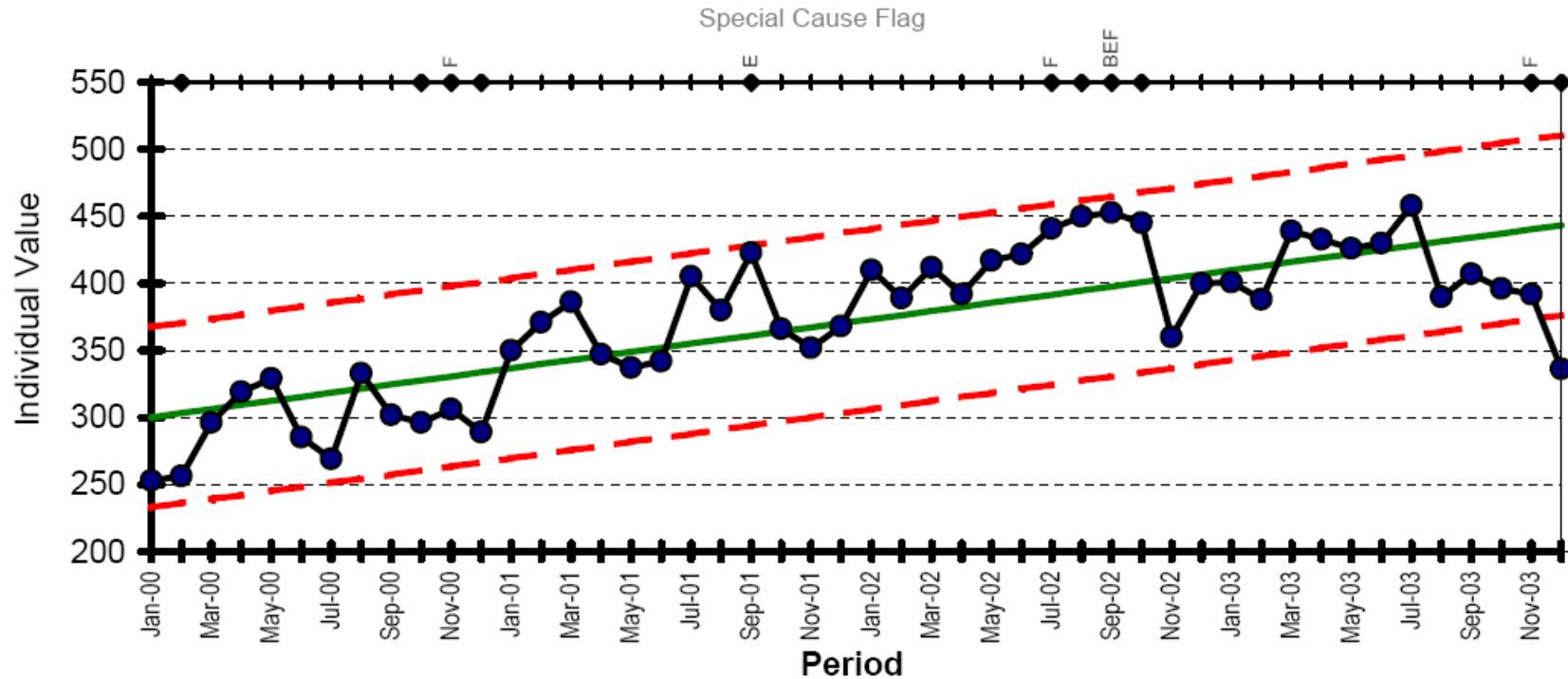
Slope/Center = -2.478% Slope/Sigma = -0.1409

Database Column

17

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 5.687

Num poisoning/OD



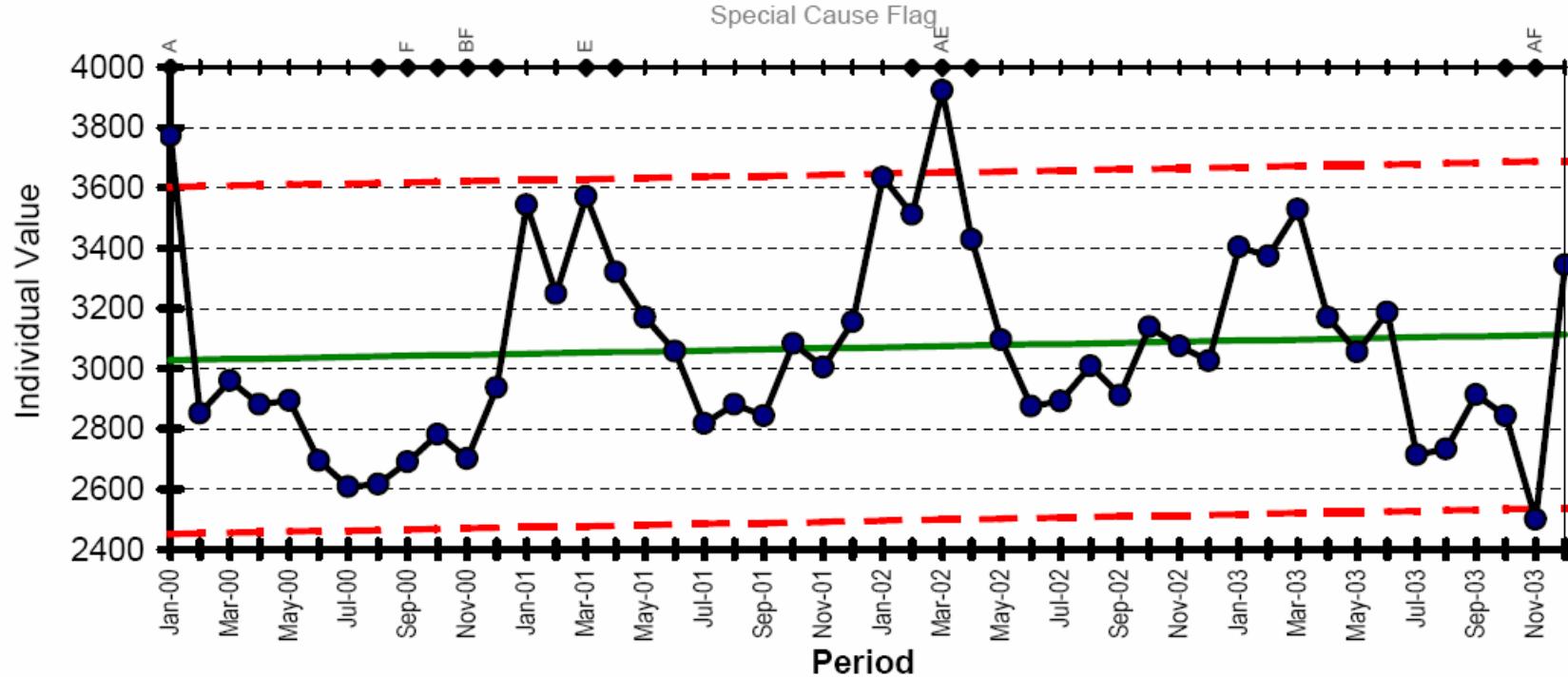
Special Cause(s) Detected

Last Center Value	443.42602
Last Data Value	336
Sigma for Limits	22.41
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 3.047 per period	Annualized Slope = 36.57 per year	Database Column 18
A. 1 Beyond Control Limit	E. 2 of 3 Beyond 2 Sigma	
B. 9 On One Side of Average	F. 4 of 5 Beyond 1 Sigma	
C. 6 Trending Up or Down	G. 15 Within 1 Sigma	
D. 14 Alternating Up & Down	H. 8 Outside 1 Sigma	
Current prob of no trend = 0.000	X. Excluded or Missing Data	
Slope/Center = 0.6872%	Slope/Sigma = 0.1360	Center/Sigma = 19.79

Num respiratory



Special Cause(s) Detected

Last Center Value	3112.88946
Last Data Value	3345
Sigma for Limits	192.0
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 1.811 per period Annualized Slope = 21.73 per year

19

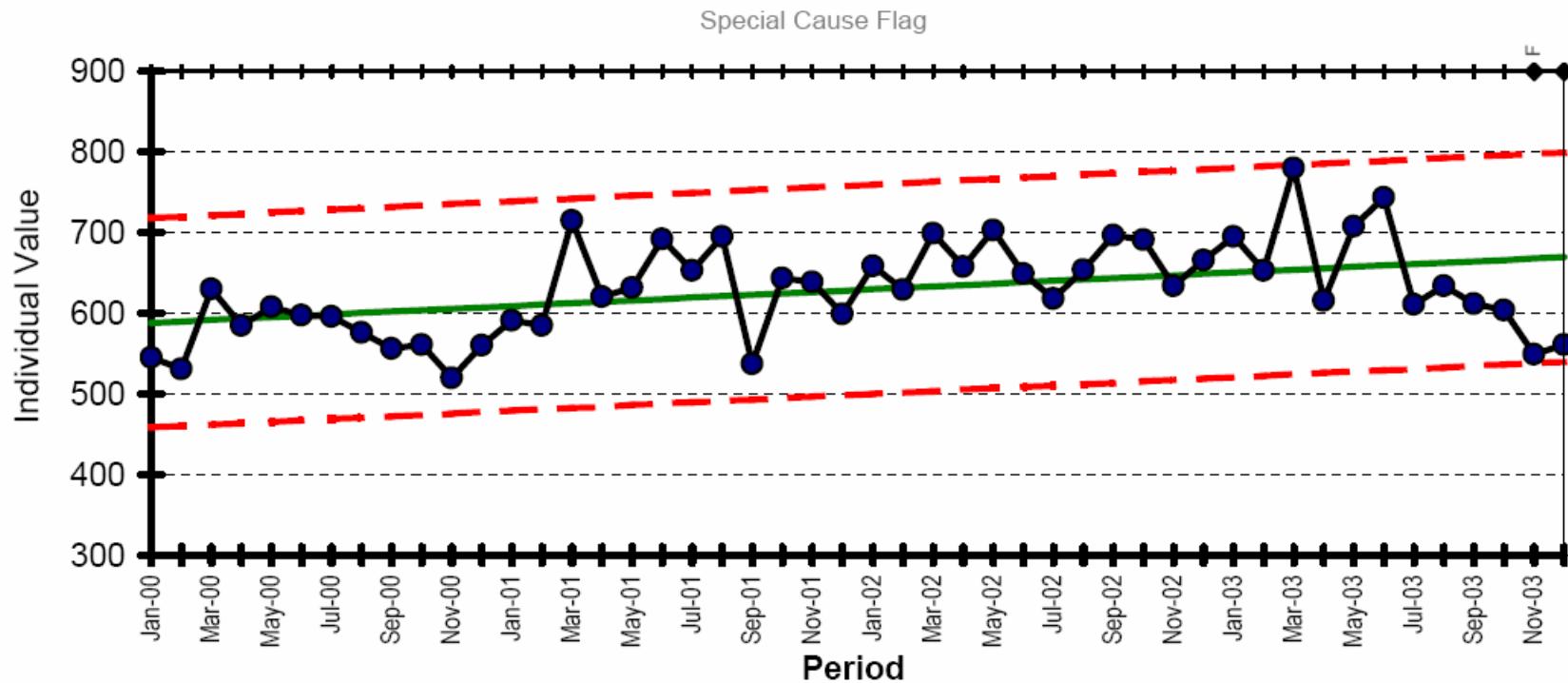
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.597

Slope/Center = 0.05817% Slope/Sigma = 0.009432

E. 2 of 3 Beyond 2 Sigma
F. 4 of 5 Beyond 1 Sigma
G. 15 Within 1 Sigma
H. 8 Outside 1 Sigma
X. Excluded or Missing Data
Center/Sigma = 16.21

Num seizure



Special Cause(s) Detected

Last Center Value	669.705782
Last Data Value	561
Sigma for Limits	43.29
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 1.731 per period Annualized Slope = 20.78 per year

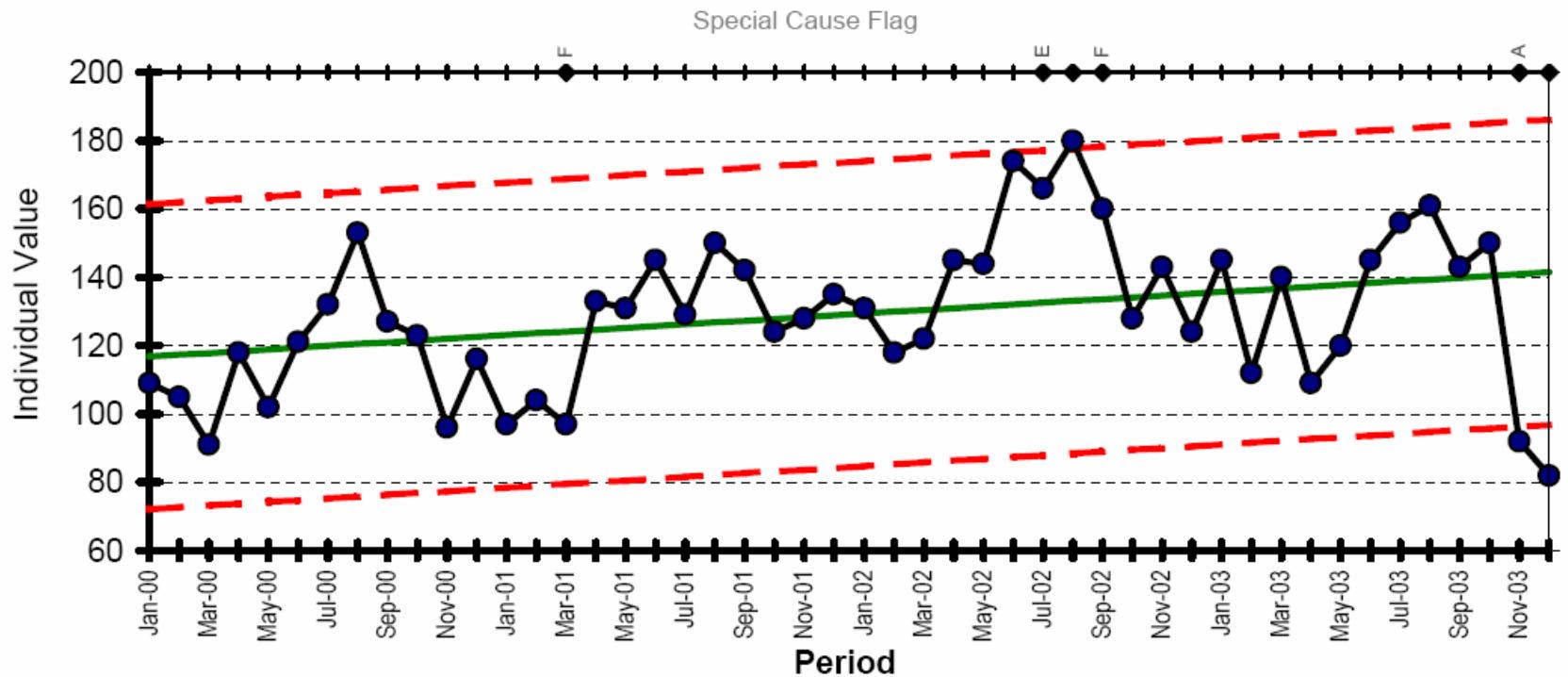
20

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.004
 Slope/Center = 0.2585% Slope/Sigma = 0.03999 Center/Sigma = 15.47

Num shock



Special Cause(s) Detected

Last Center Value	141.466837
Last Data Value	82
Sigma for Limits	14.89
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.5252 per period Annualized Slope = 6.302 per year

21

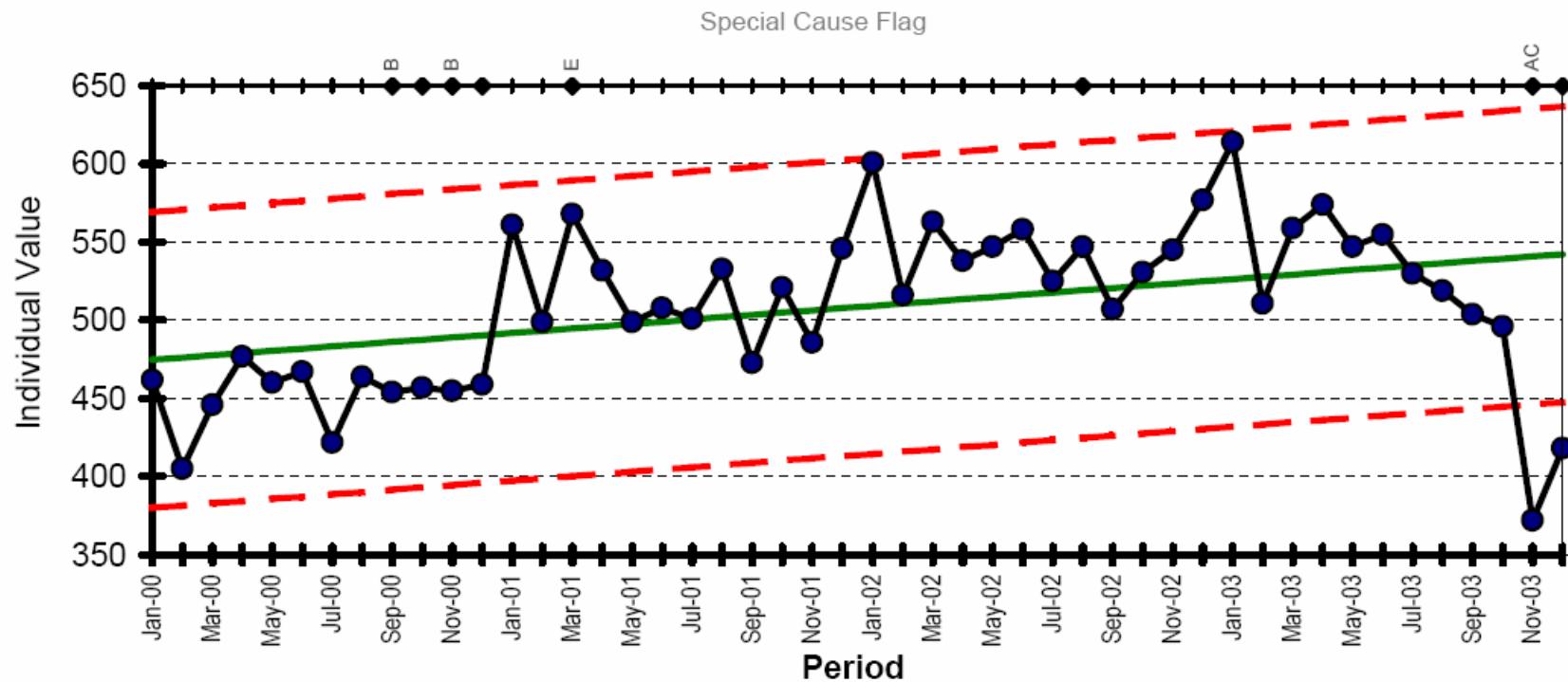
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.024

Slope/Center = 0.3712% Slope/Sigma = 0.03527

Center/Sigma = 9.499

Num stroke



Special Cause(s) Detected

Last Center Value	542.328231
Last Data Value	418
Sigma for Limits	31.53
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 1.439 per period Annualized Slope = 17.26 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.007

Slope/Center = 0.2653% Slope/Sigma = 0.04563

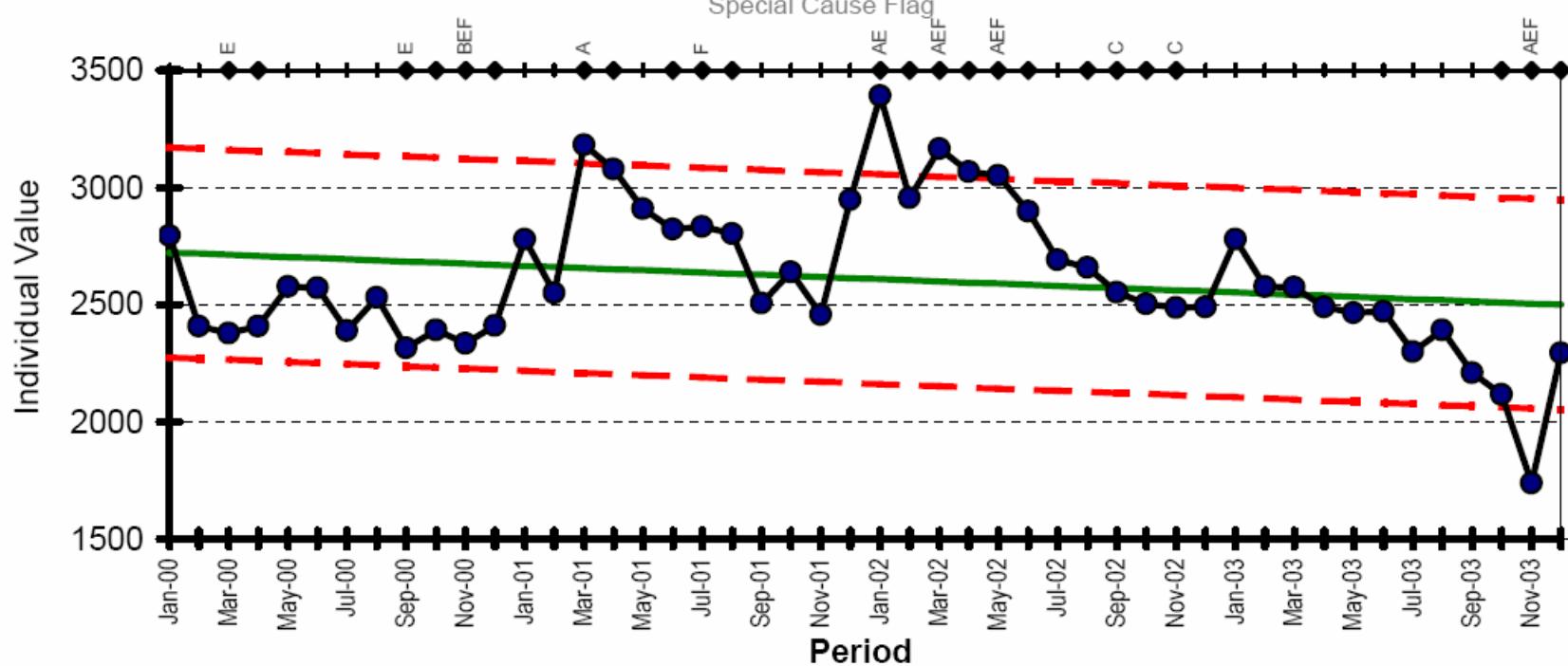
Database Column

22

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 17.20

Num weakness



Special Cause(s) Detected

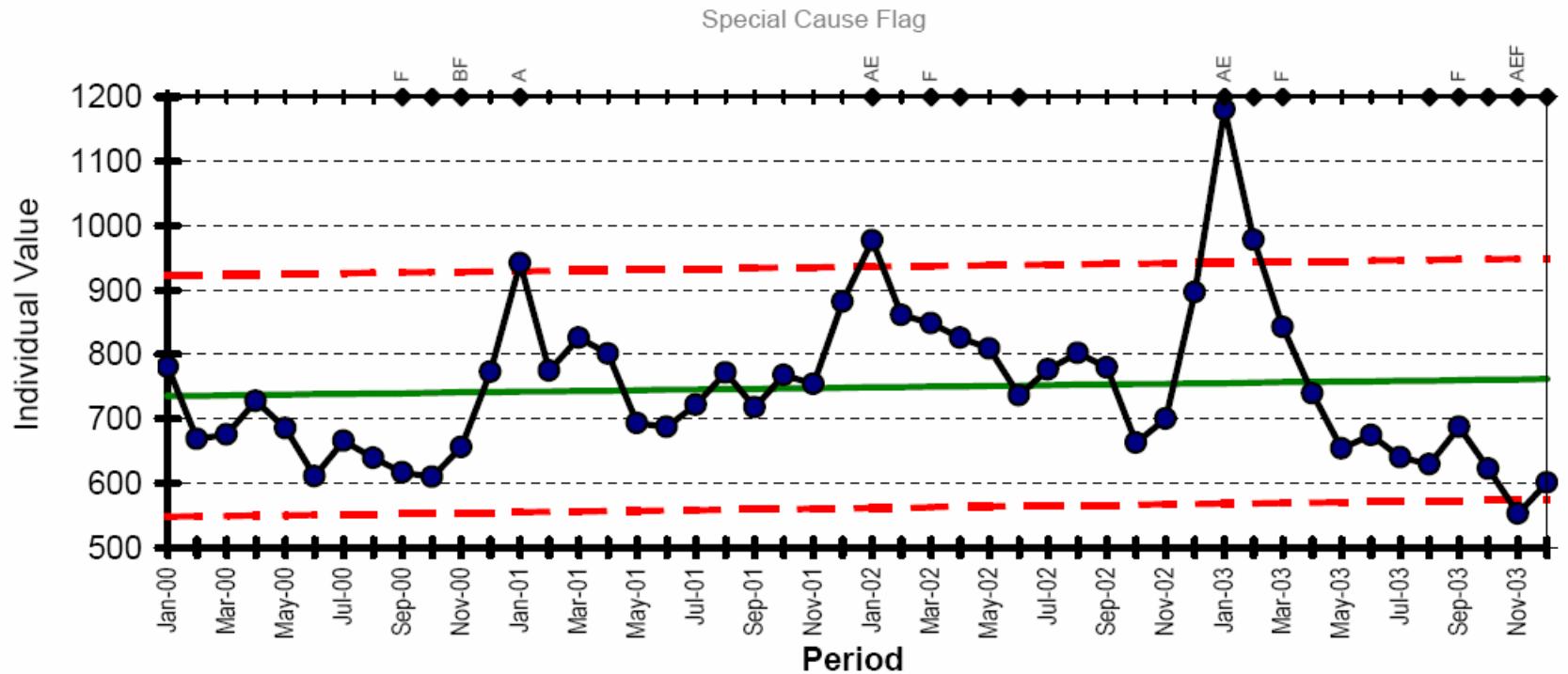
Last Center Value	2499.05612
Last Data Value	2292
Sigma for Limits	149.2
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -4.734 per period	Annualized Slope = -56.81 per year	Database Column 24
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.144		X. Excluded or Missing Data
Slope/Center = -0.1894%	Slope/Sigma = -0.03173	Center/Sigma = 16.75

Num vomiting



Special Cause(s) Detected

Last Center Value	761.857993
Last Data Value	601
Sigma for Limits	62.43
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.5613 per period Annualized Slope = 6.736 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.655

Slope/Center = 0.07368% Slope/Sigma = 0.008991

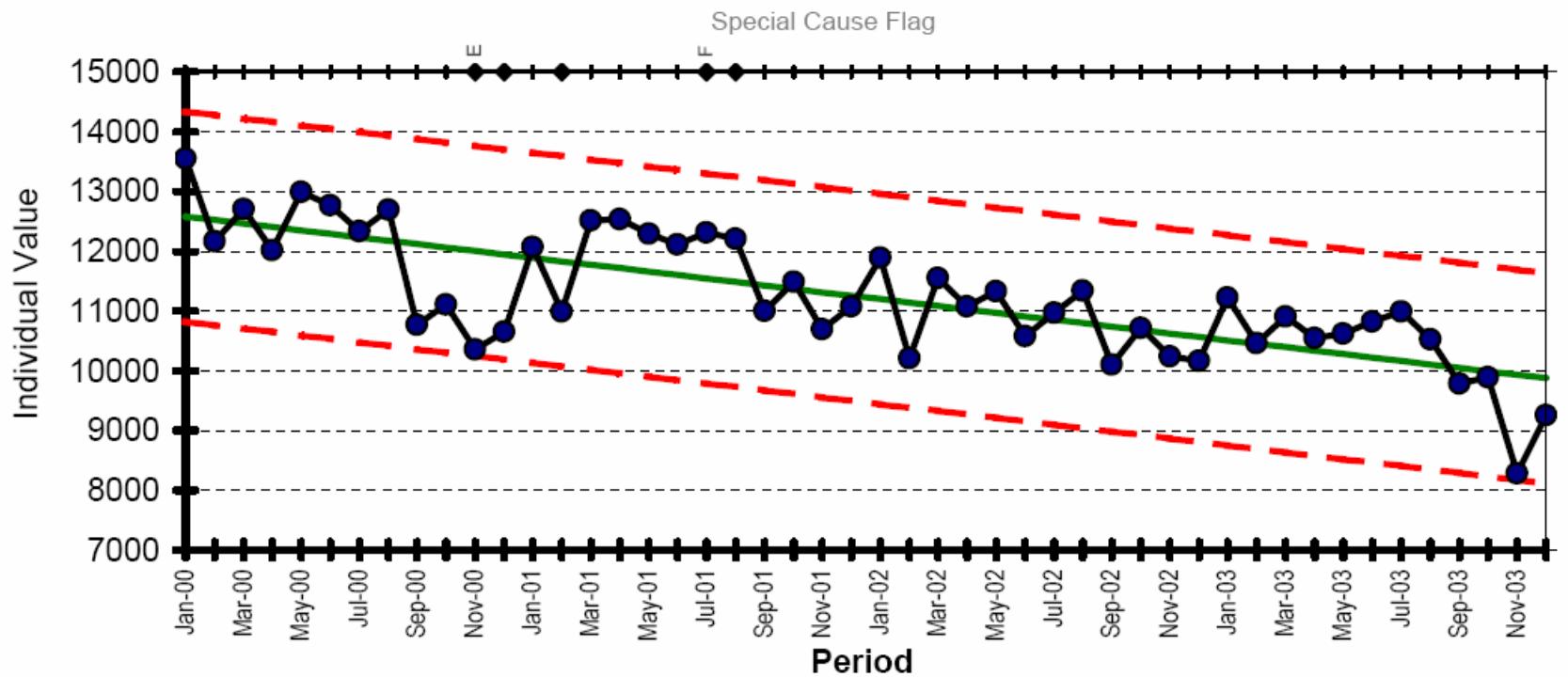
Database Column

23

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 12.20

Num other



Special Cause(s) Detected

Last Center Value	9873.94473
Last Data Value	9258
Sigma for Limits	586.2
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -57.52 per period Annualized Slope = -690.2 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = -0.5825% Slope/Sigma = -0.09812

Database Column

25

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 16.85

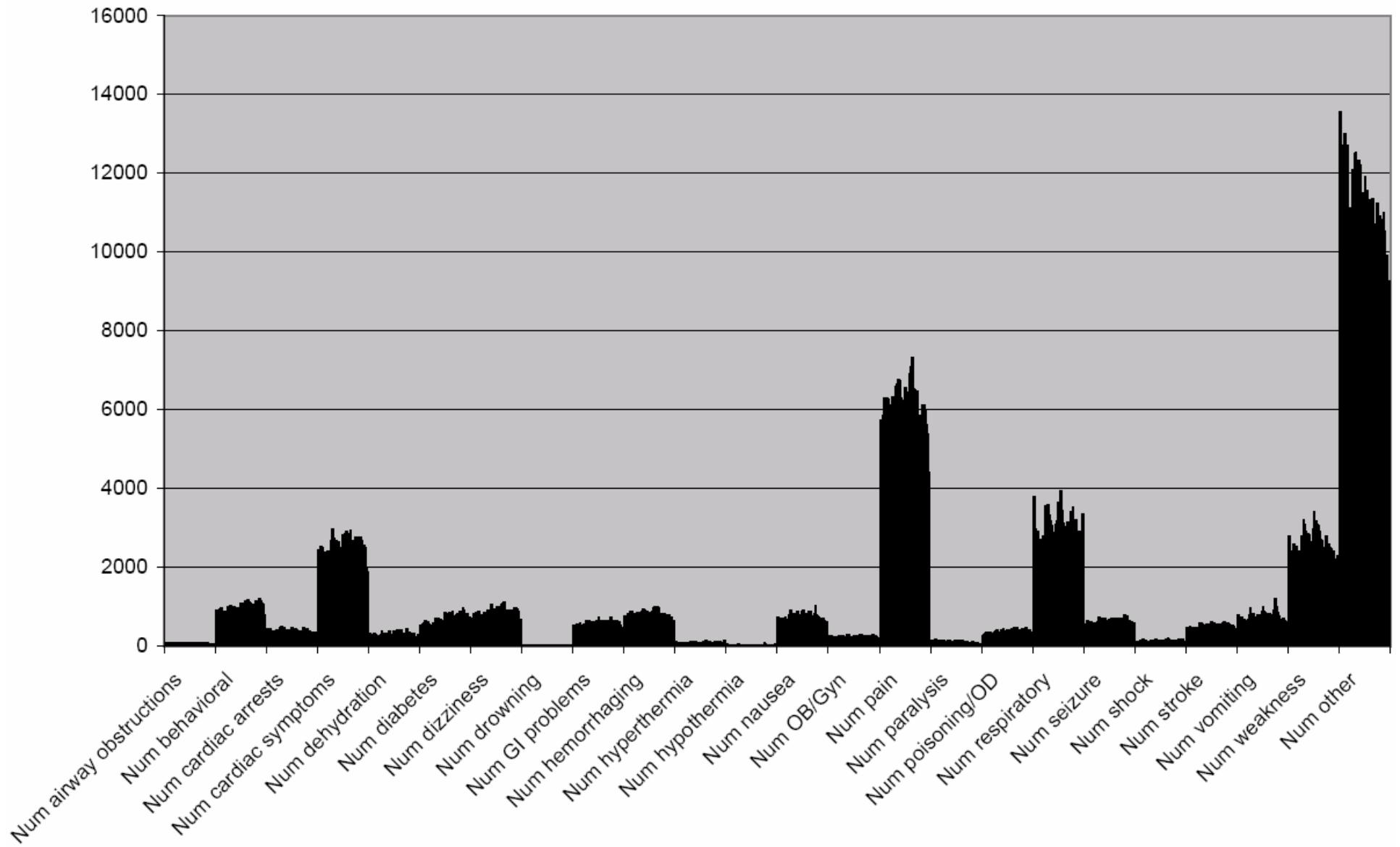
SUSPECTED ILLNESS

Absolute numbers

„Putting it all together“

- Airway obstruction
- Behavioral
- Cardiac arrest
- Cardiac symptoms
- Dehydration
- Diabetes
- Dizziness
- Drowning
- GI problem
- Hemorrhaging
- Hyperthermia
- Hypothermia
- Nausea
- OB/GYN
- Pain
- Paralysis
- Poisoning/OD
- Respiratory
- Seizure
- Shock
- Stroke
- Vomiting
- Weakness
- Other

Suspected Illness

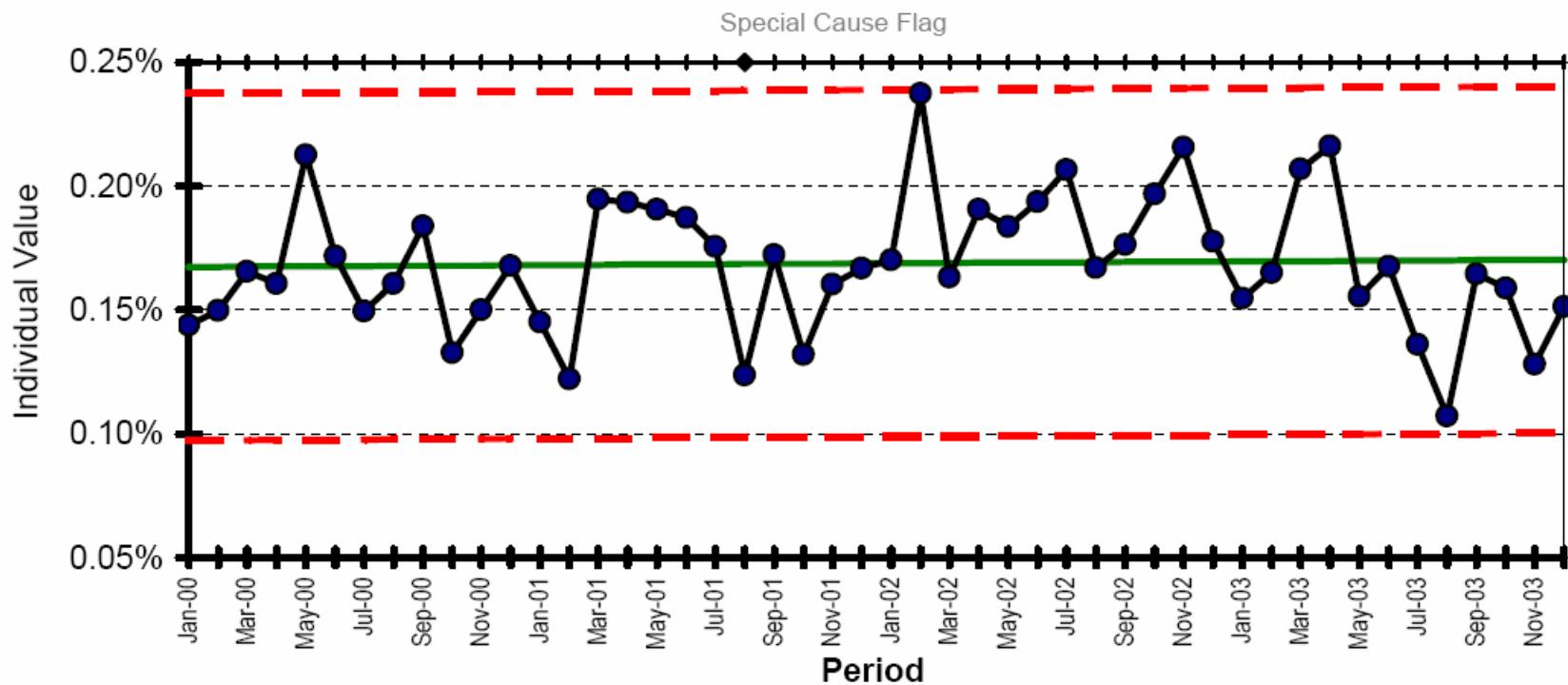


SUSPECTED ILLNESS

Relative numbers

- Airway obstruction
- Behavioral
- Cardiac arrest
- Cardiac symptoms
- Dehydration
- Diabetes
- Dizziness
- Drowning
- GI problem
- Hemorrhaging
- Hyperthermia
- Hypothermia
- Nausea
- OB/GYN
- Pain
- Paralysis
- Poisoning/OD
- Respiratory
- Seizure
- Shock
- Stroke
- Vomiting
- Weakness
- Other

% airway obstructions



Special Cause(s) Detected

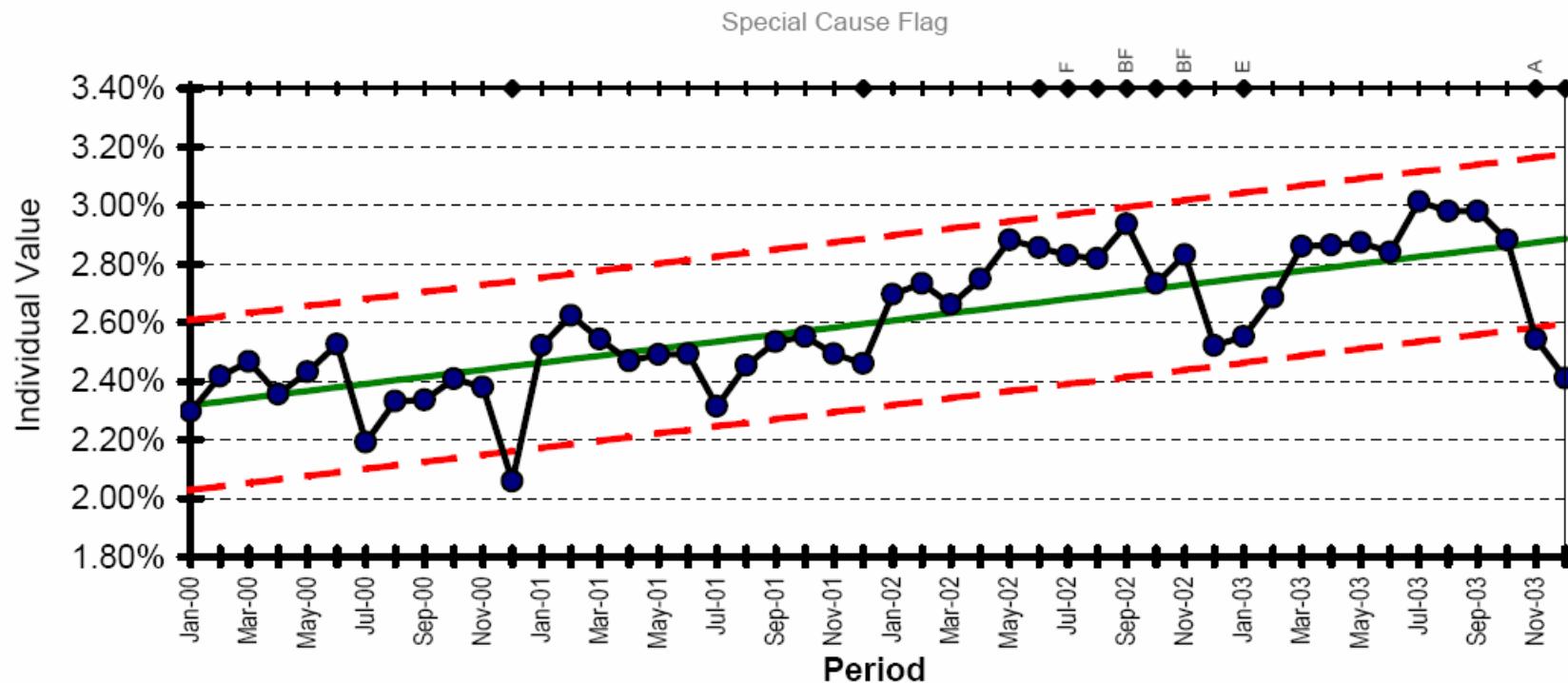
Last Center Value	0.00170235
Last Data Value	0.0015135
Sigma for Limits	0.0002335
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.0000006204 per period	Annualized Slope = 0.000007445 per year	Database Column 26
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.831		X. Excluded or Missing Data
Slope/Center = 0.03644%	Slope/Sigma = 0.002657	Center/Sigma = 7.289

% behavioral



Special Cause(s) Detected

Last Center Value	0.02885266
Last Data Value	0.02409493
Sigma for Limits	0.0009674
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0001207 per period Annualized Slope = 0.001449 per year

27

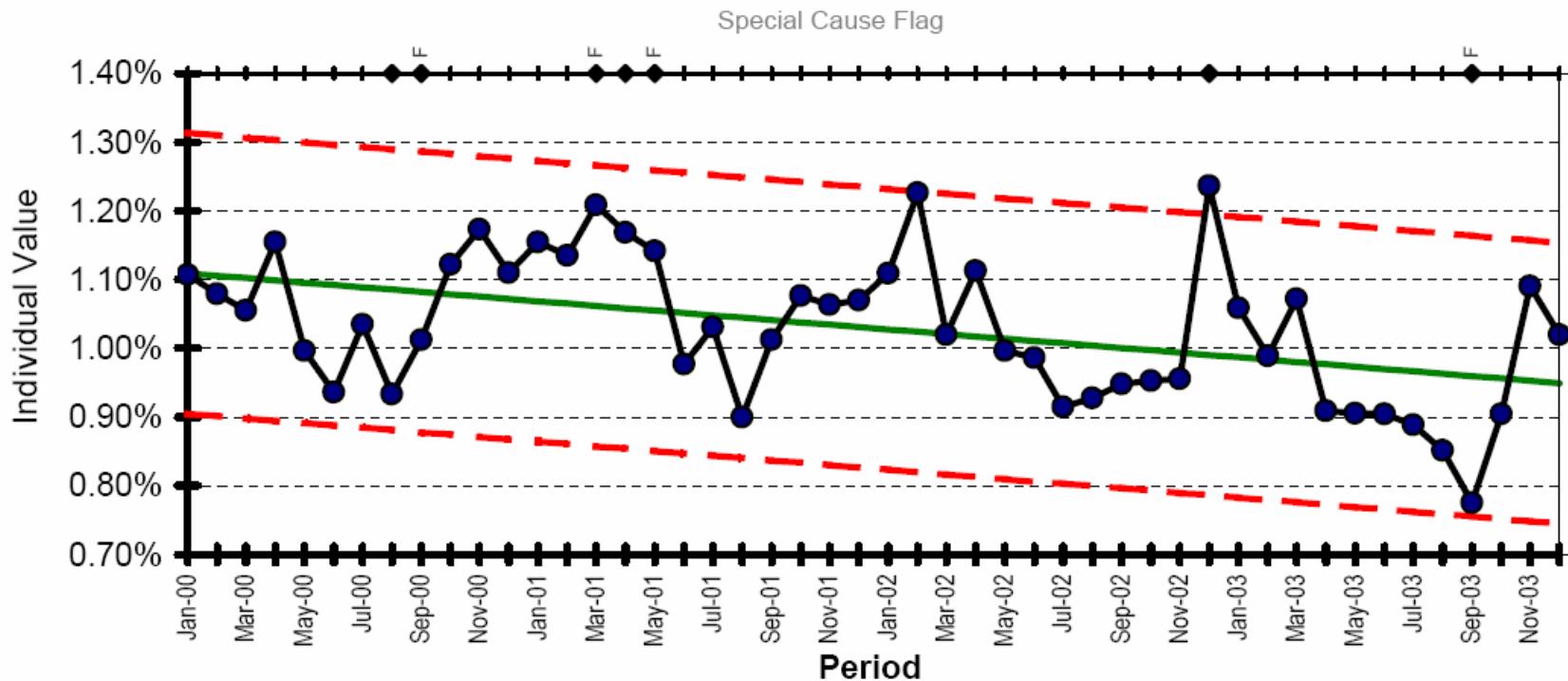
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = 0.4184% Slope/Sigma = 0.1248 Center/Sigma = 29.83

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% cardiac arrests



Special Cause(s) Detected

Last Center Value	0.0094952
Last Data Value	0.01020099
Sigma for Limits	0.0006807
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.00003395 per period Annualized Slope = -0.0004074 per year

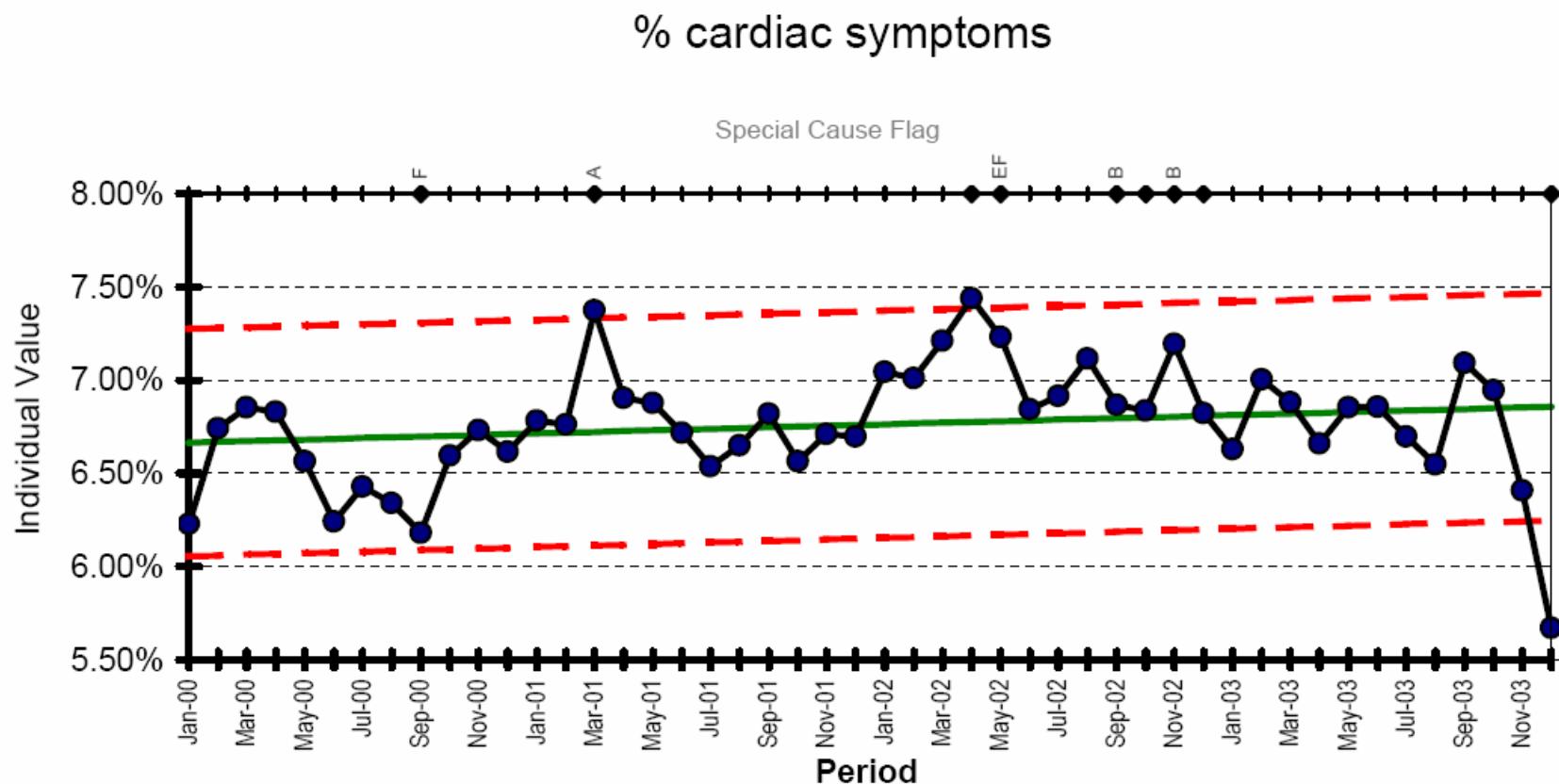
28

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.001

Slope/Center = -0.3576% Slope/Sigma = -0.04988

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data
- Center/Sigma = 13.95



Special Cause(s) Detected

Last Center Value	0.06856861
Last Data Value	0.05669573
Sigma for Limits	0.002032
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

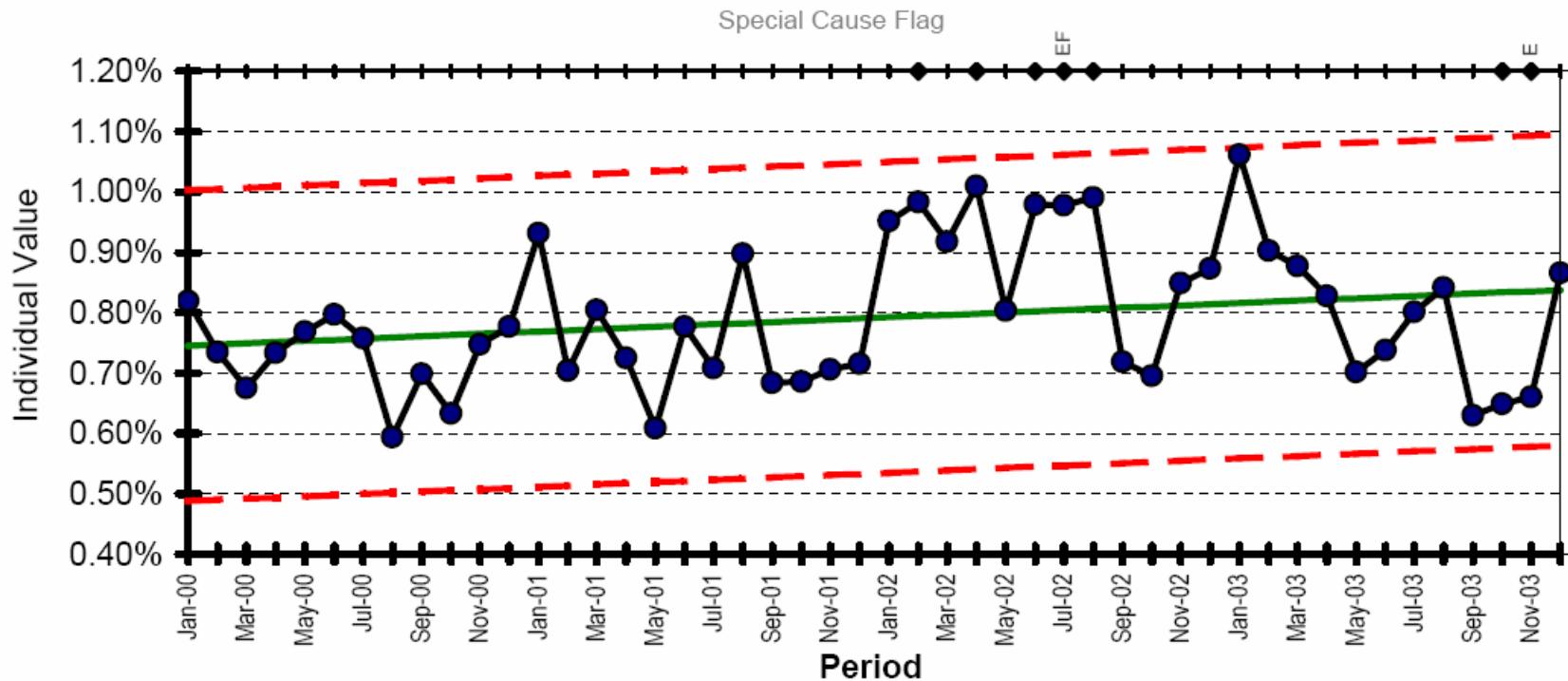
Slope = 0.00004083 per period Annualized Slope = 0.0004900 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Current prob of no trend = 0.225
 Slope/Center = 0.05955% Slope/Sigma = 0.02010
 Center/Sigma = 33.74

Database Column

29

% dehydration



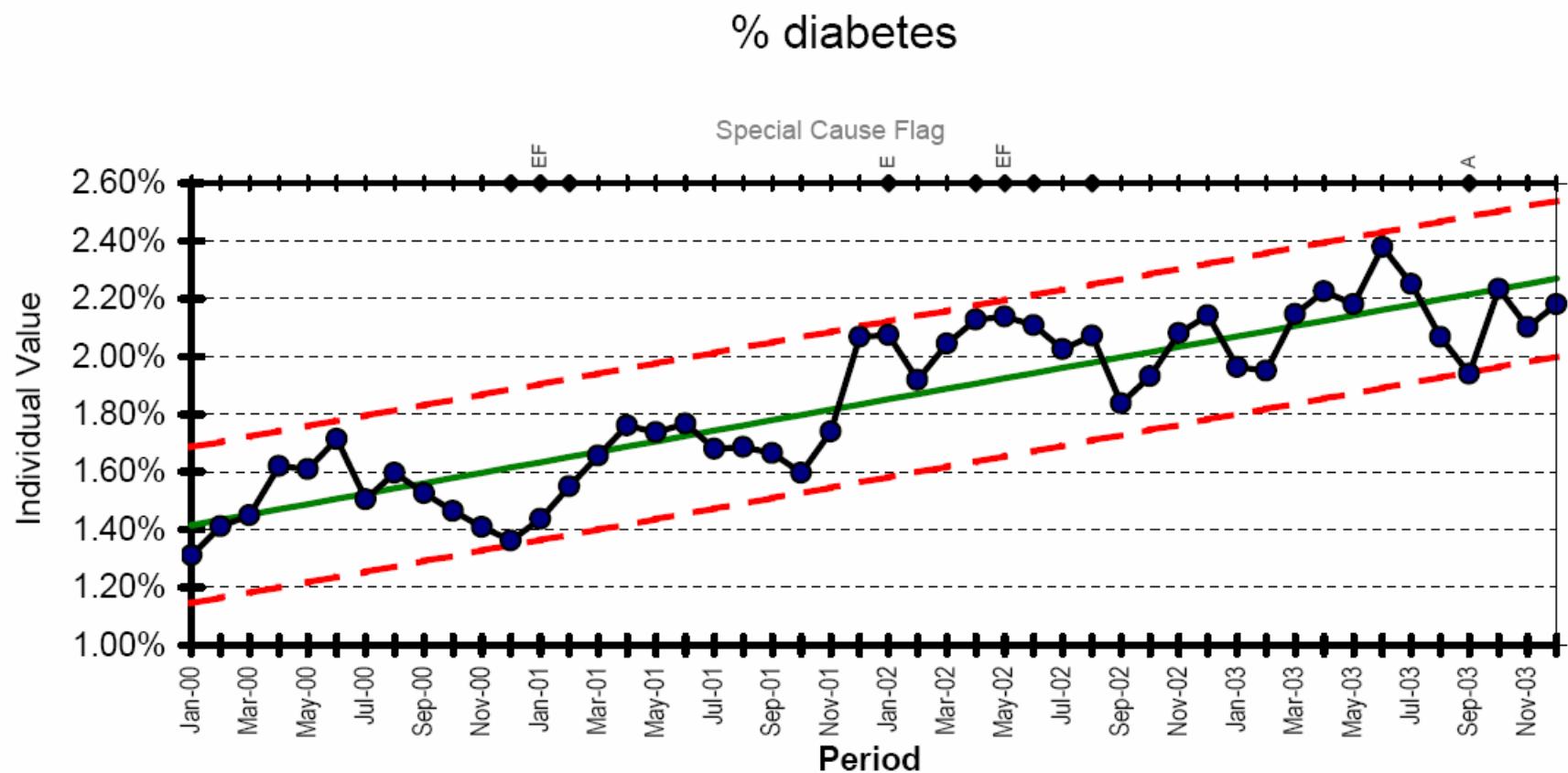
Special Cause(s) Detected

Last Center Value	0.00837396
Last Data Value	0.00865722
Sigma for Limits	0.0008583
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00001963 per period	Annualized Slope = 0.0002355 per year	Database Column 30
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.111		X. Excluded or Missing Data
Slope/Center = 0.2344%	Slope/Sigma = 0.02287	Center/Sigma = 9.756

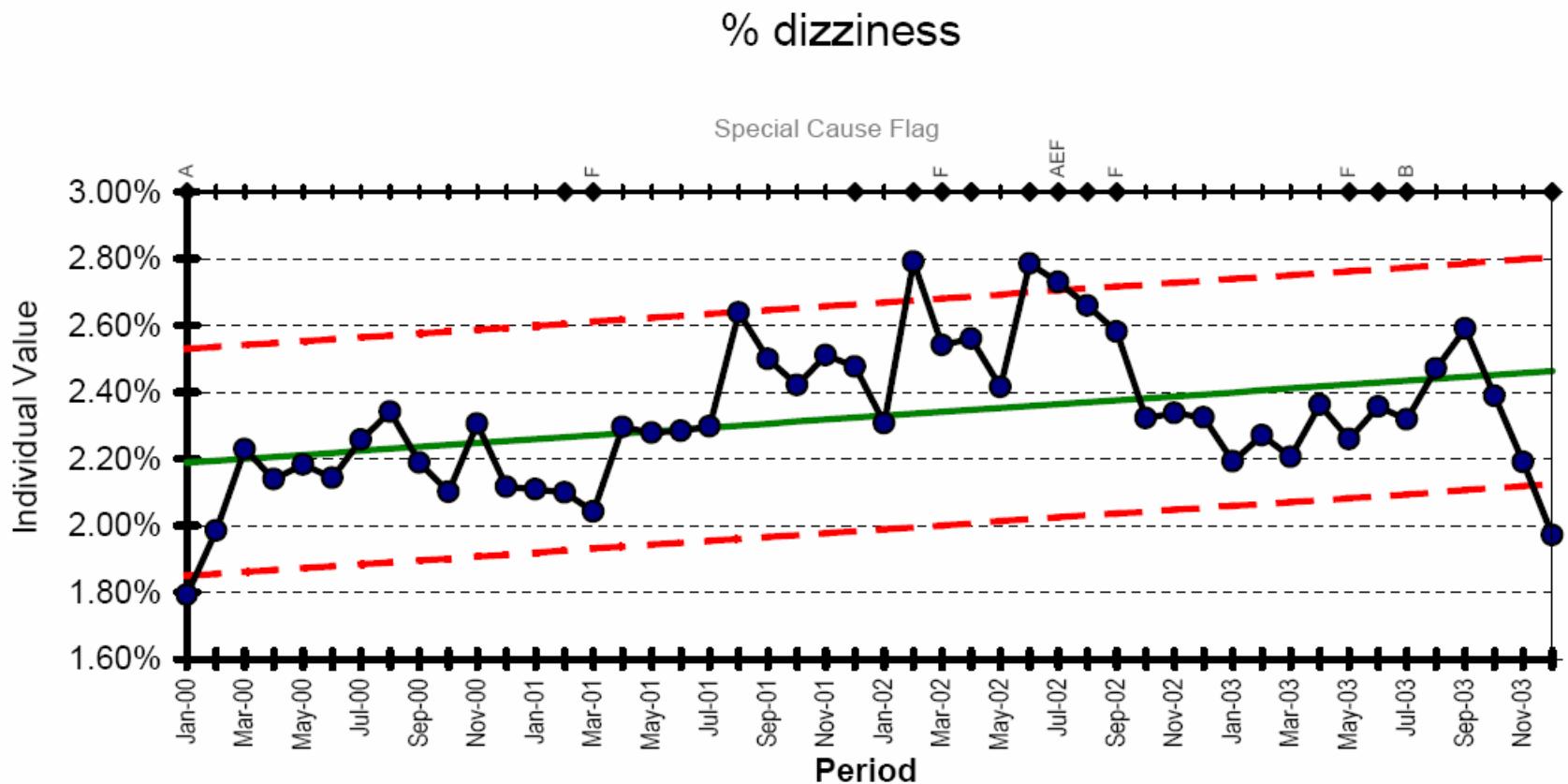


Special Cause(s) Detected	
Last Center Value	0.02268971
Last Data Value	0.02179441
Sigma for Limits	0.0009004
Base for Limits	Average MR

Chart Type: Linear Trend
 Slope = 0.0001815 per period Annualized Slope = 0.002178 per year Database Column 31

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Current prob of no trend = 0.000
 Slope/Center = 0.8000% Slope/Sigma = 0.2016 Center/Sigma = 25.20



Special Cause(s) Detected

Last Center Value	0.02463253
Last Data Value	0.01970578
Sigma for Limits	0.001133
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.00005837 per period Annualized Slope = 0.0007005 per year

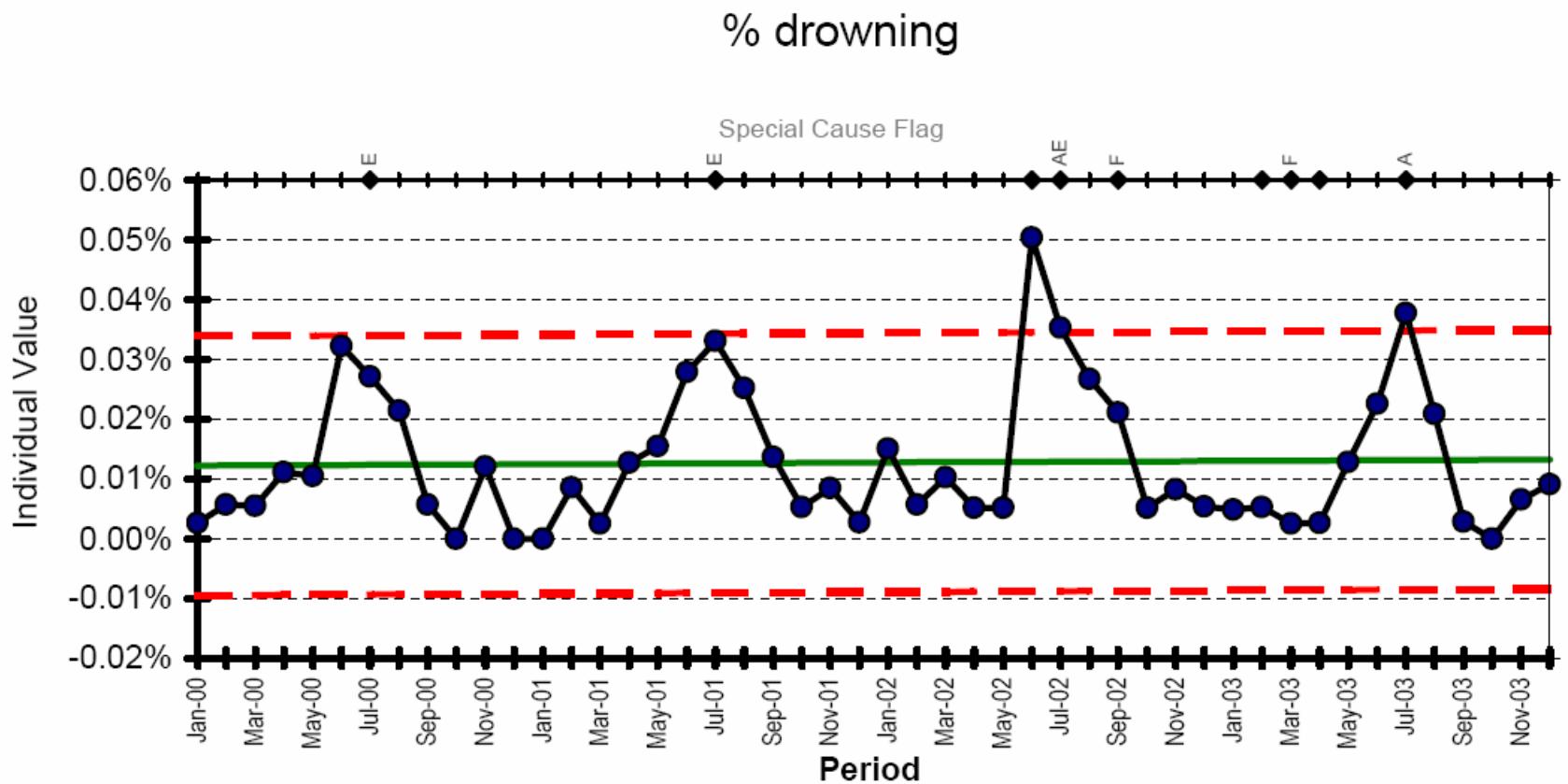
A. 1 Beyond Control Limit	E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average	F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down	G. 15 Within 1 Sigma
D. 14 Alternating Up & Down	H. 8 Outside 1 Sigma

Current prob of no trend = 0.007

Slope/Center = 0.2370% Slope/Sigma = 0.05152 Center/Sigma = 21.74

Database Column

32



Special Cause(s) Detected

Last Center Value 0.0001322
 Last Data Value 9.081E-05
 Sigma for Limits 0.00007225
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

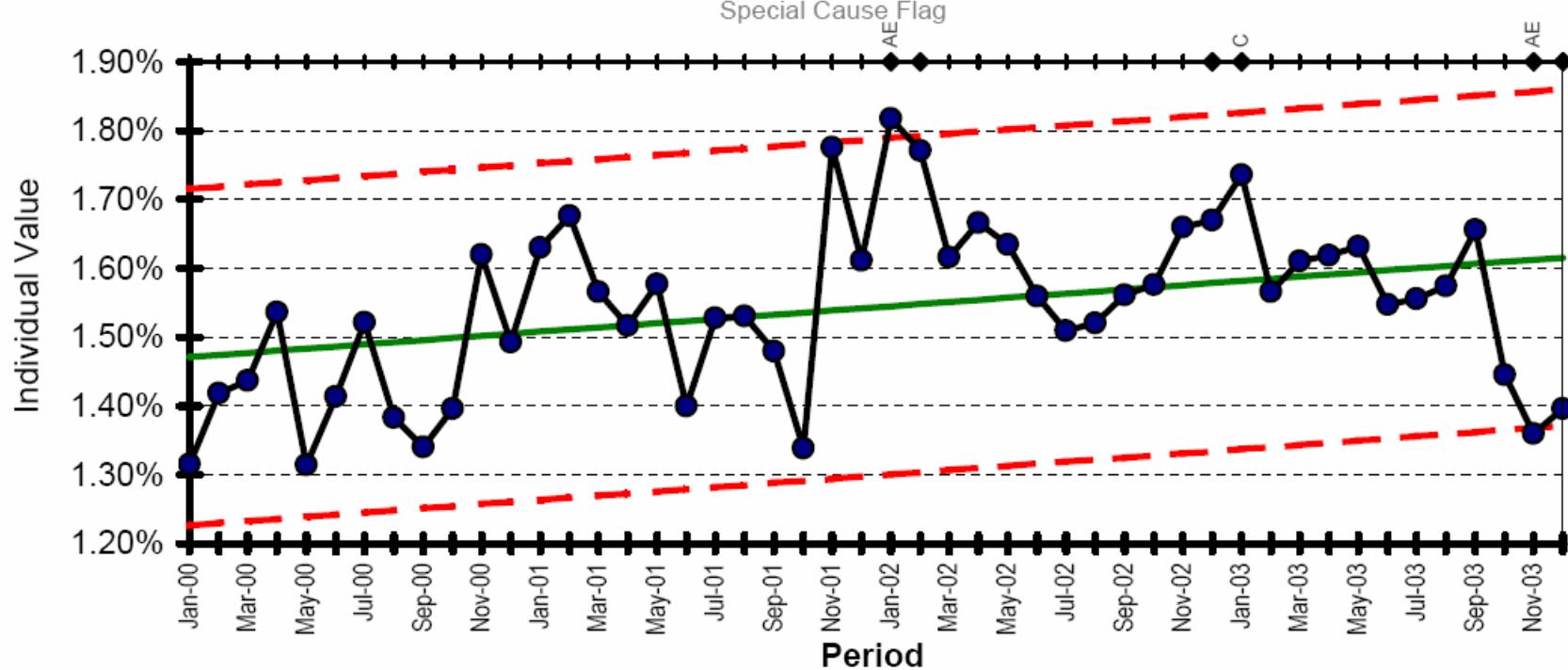
Slope = 0.0000002201 per period Annualized Slope = 0.000002641 per year

33

- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.859
 Slope/Center = 0.1665% Slope/Sigma = 0.003046
 Center/Sigma = 1.830

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% GI problems



Special Cause(s) Detected

Last Center Value	0.01615434
Last Data Value	0.01395447
Sigma for Limits	0.0008149
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.00003075 per period Annualized Slope = 0.0003690 per year

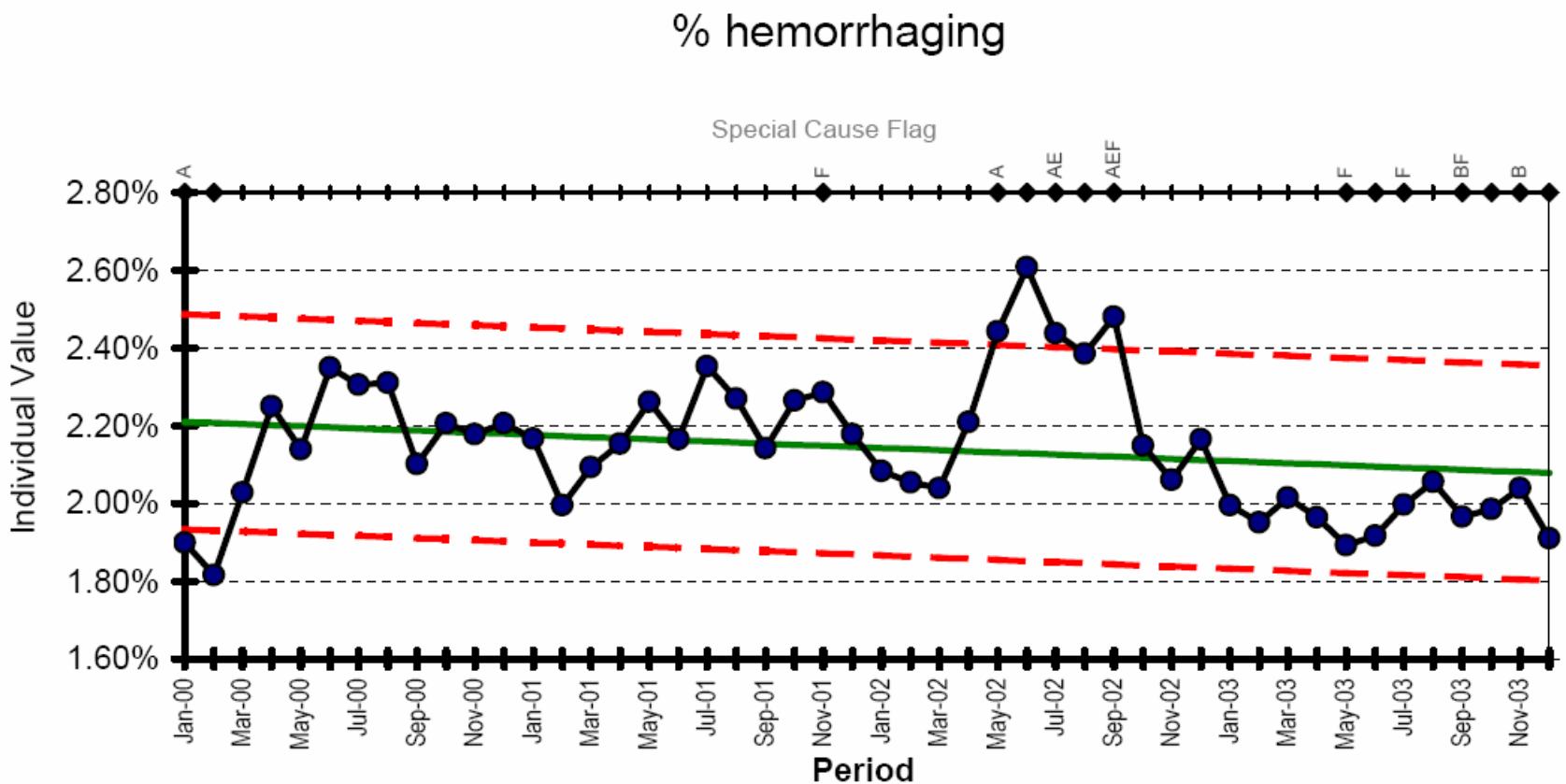
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.016
 Slope/Center = 0.1904% Slope/Sigma = 0.03774 Center/Sigma = 19.82

Database Column

34

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



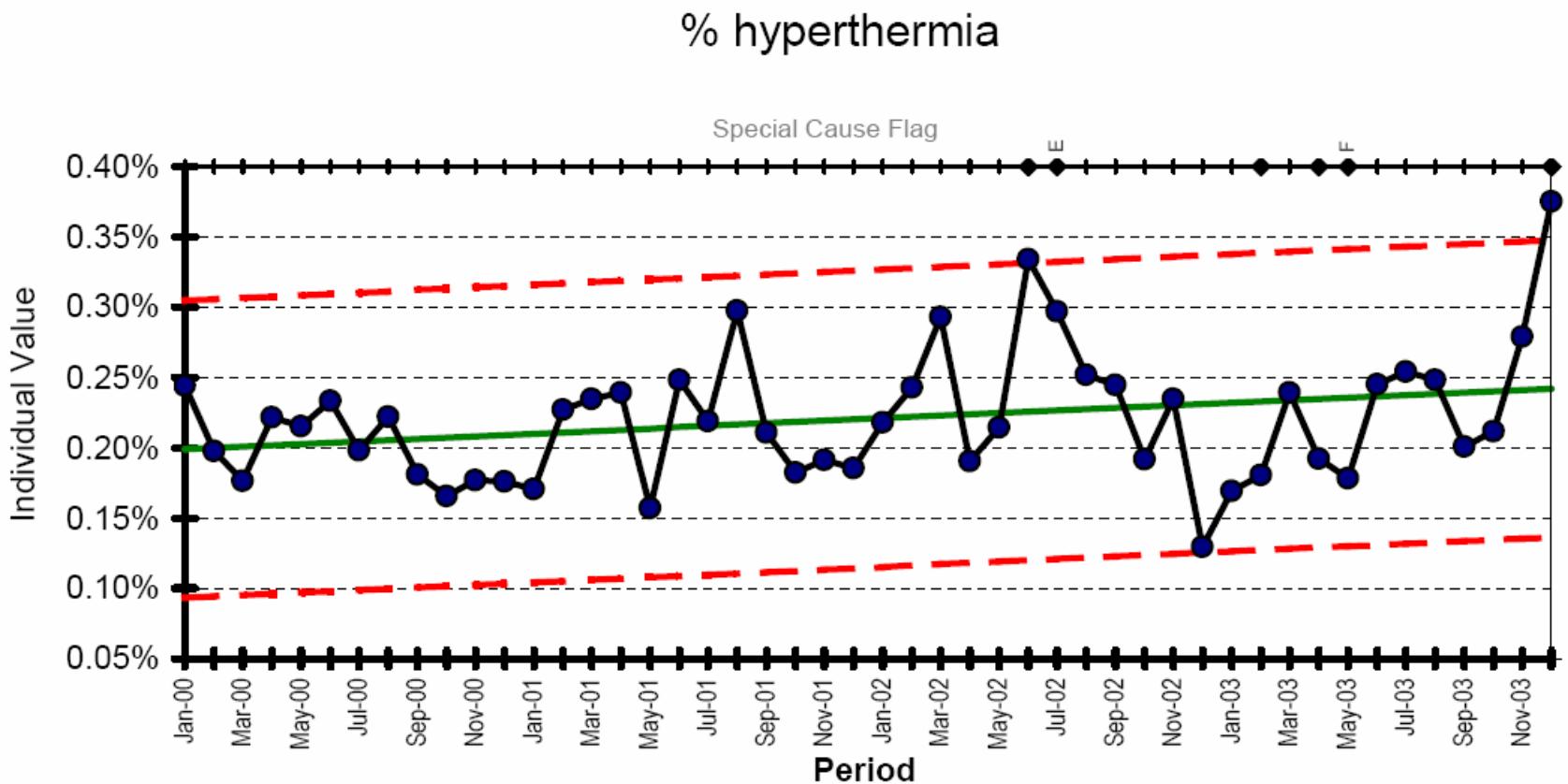
Special Cause(s) Detected

Last Center Value	0.02078124
Last Data Value	0.01910038
Sigma for Limits	0.0009223
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.00002800 per period	Annualized Slope = -0.0003360 per year	Database Column 35
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.122		X. Excluded or Missing Data
Slope/Center = -0.1347% Slope/Sigma = -0.03036		Center/Sigma = 22.53



Special Cause(s) Detected

Last Center Value	0.00242059
Last Data Value	0.00375348
Sigma for Limits	0.0003526
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.000009145 per period Annualized Slope = 0.0001097 per year

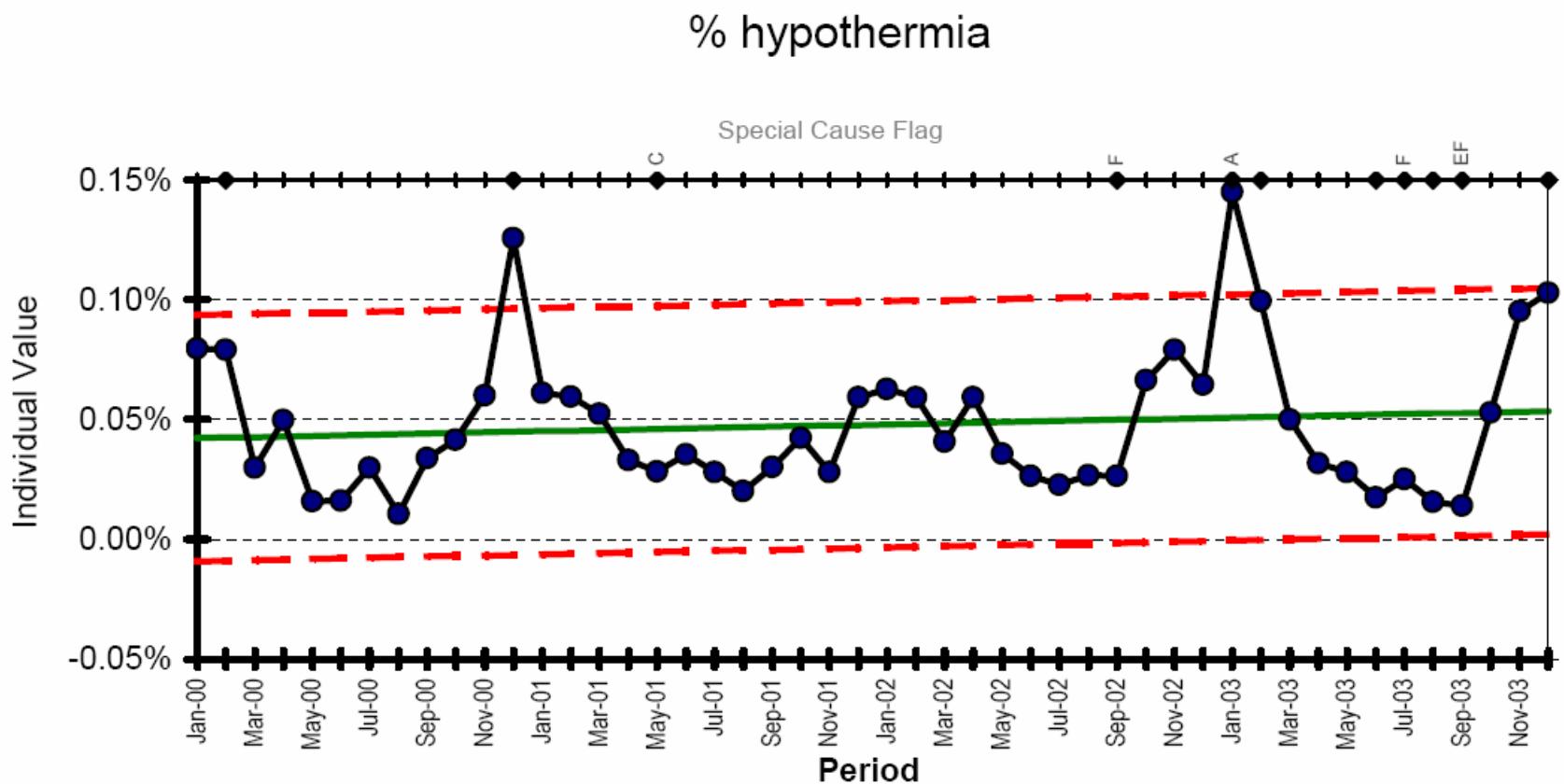
36

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.061

Slope/Center = 0.3778% Slope/Sigma = 0.02594

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 6.866



Special Cause(s) Detected

Last Center Value	0.00053474
Last Data Value	0.00102918
Sigma for Limits	0.0001713
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.000002391 per period Annualized Slope = 0.00002869 per year

37

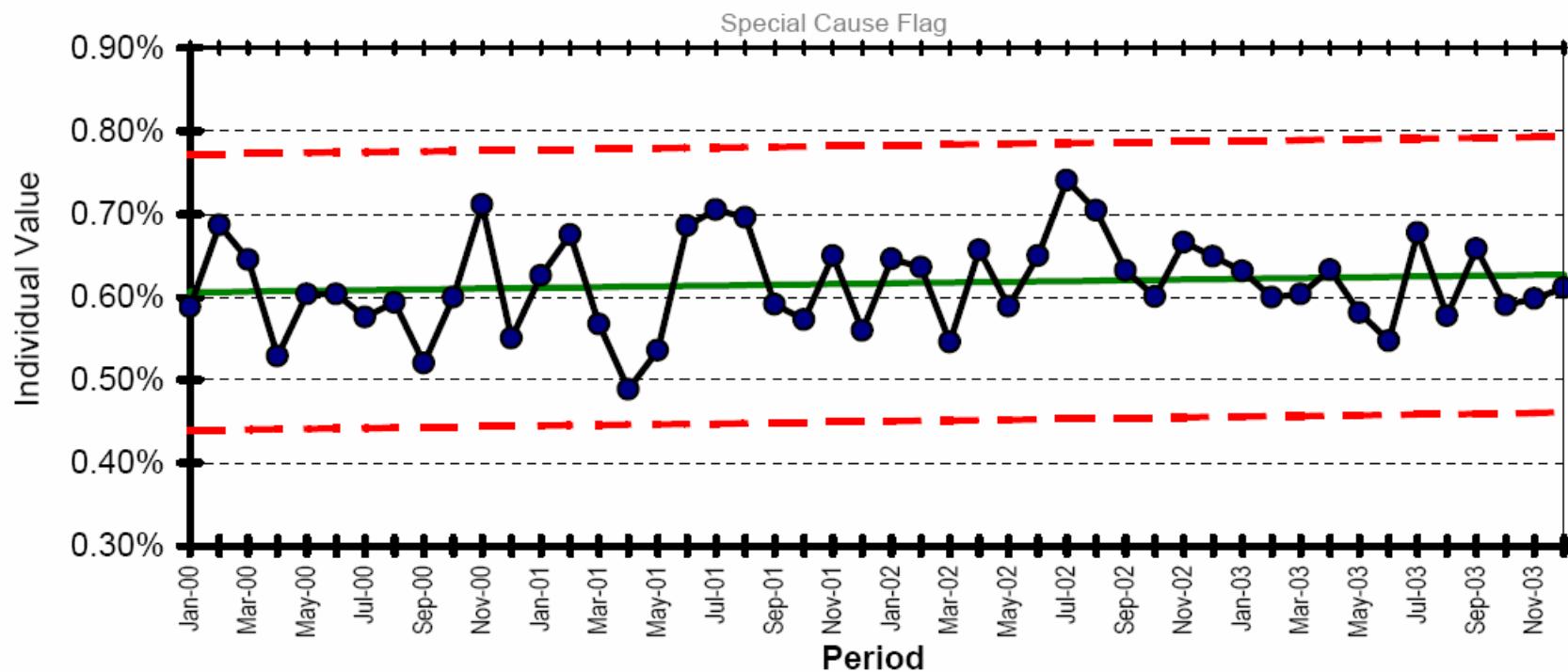
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.446

Slope/Center = 0.4471% Slope/Sigma = 0.01396

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 3.121

% OB/Gyn



No Special Cause Detected

Last Center Value 0.00626936
 Last Data Value 0.00611454
 Sigma for Limits 0.0005543
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

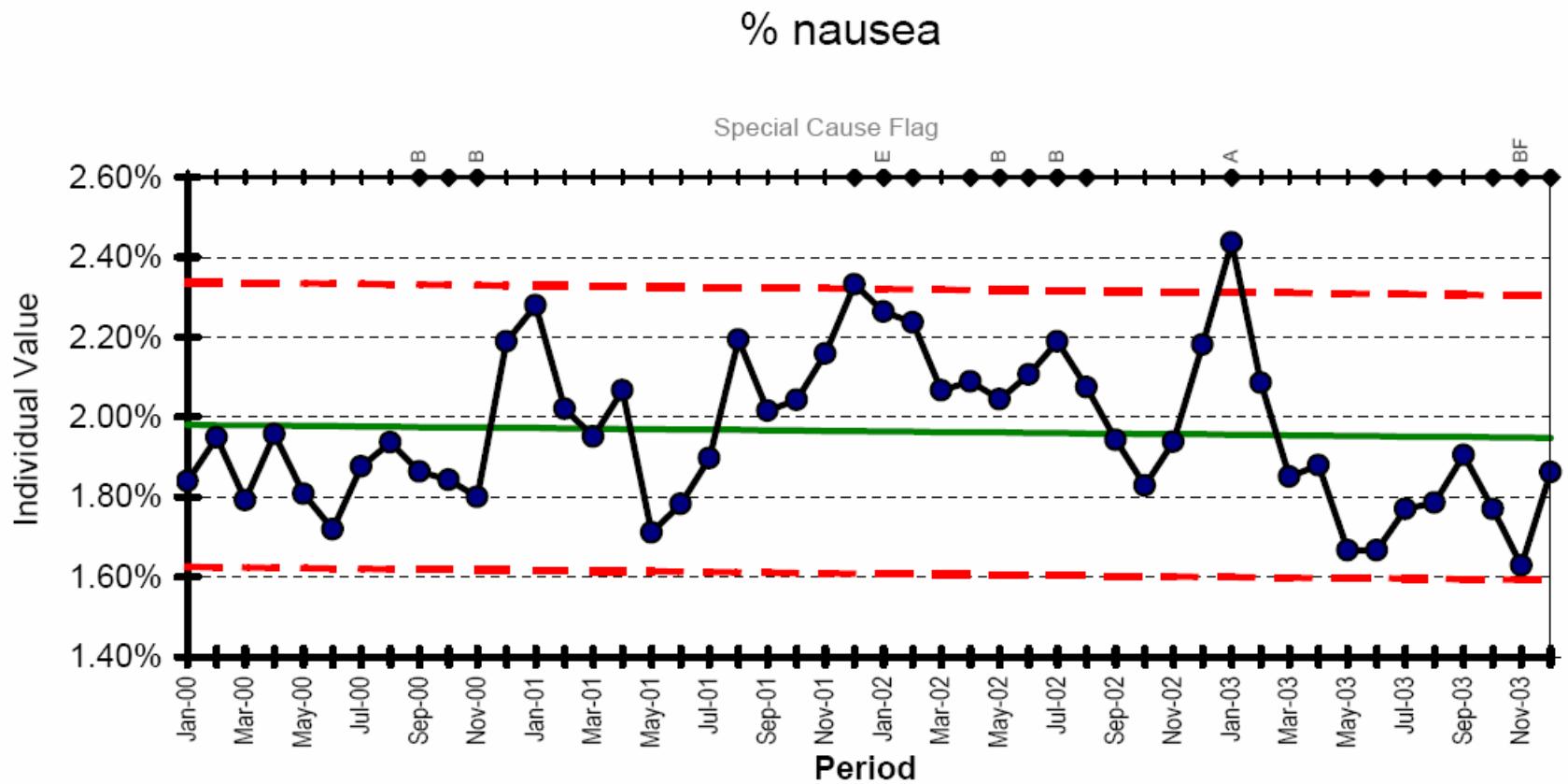
Slope = 0.000004541 per period Annualized Slope = 0.00005449 per year

39

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.441
 Slope/Center = 0.07243% Slope/Sigma = 0.008192 Center/Sigma = 11.31

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value	0.0194801
Last Data Value	0.01861606
Sigma for Limits	0.001187
Base for Limits	Average MR

There is poor evidence of a trend!!

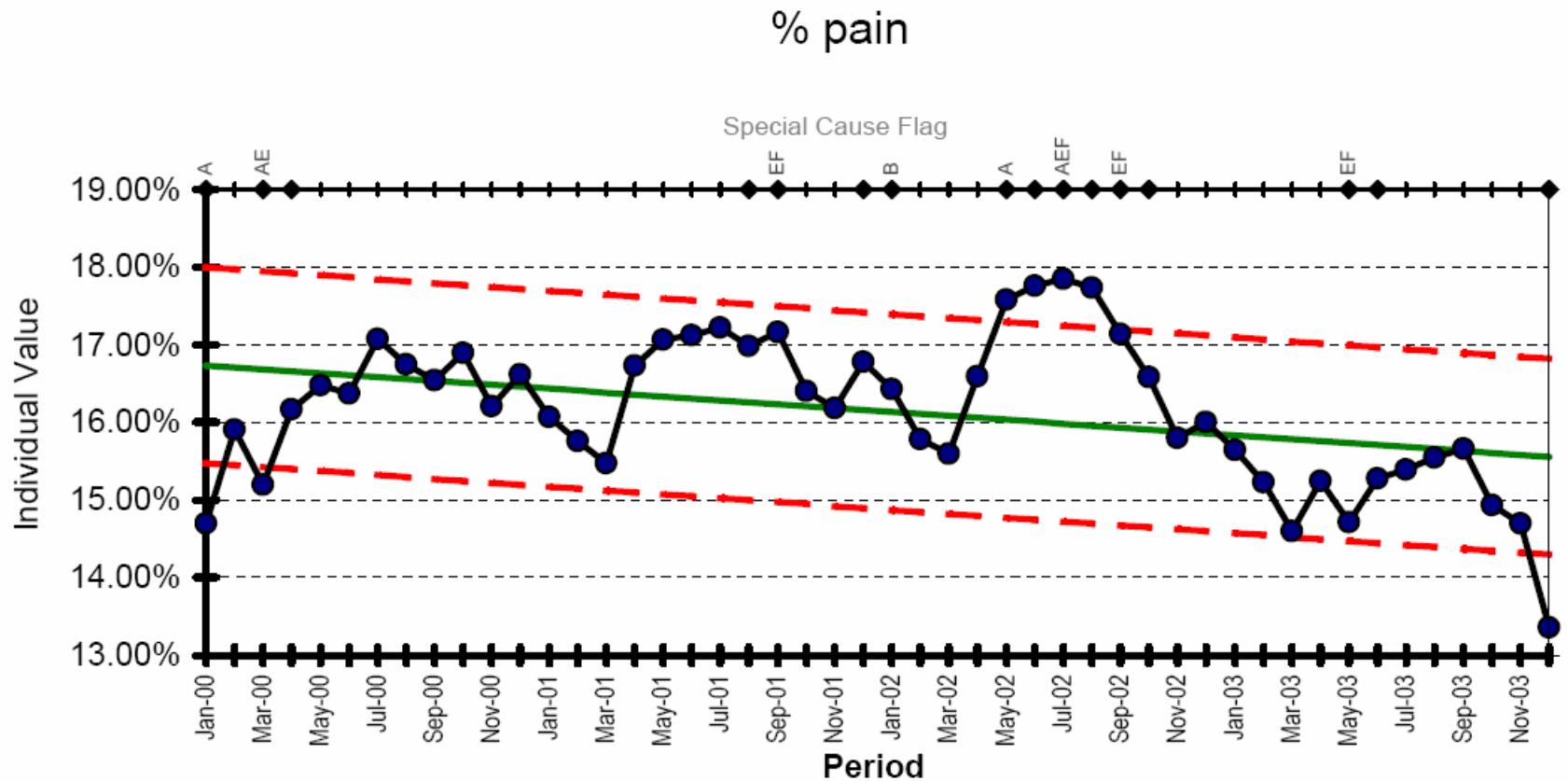
Chart Type: Linear Trend

Slope = -0.000006974 per period Annualized Slope = -0.00008369 per year Database Column 38

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.729
 Slope/Center = -0.03580% Slope/Sigma = -0.005876 Center/Sigma = 16.41

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data



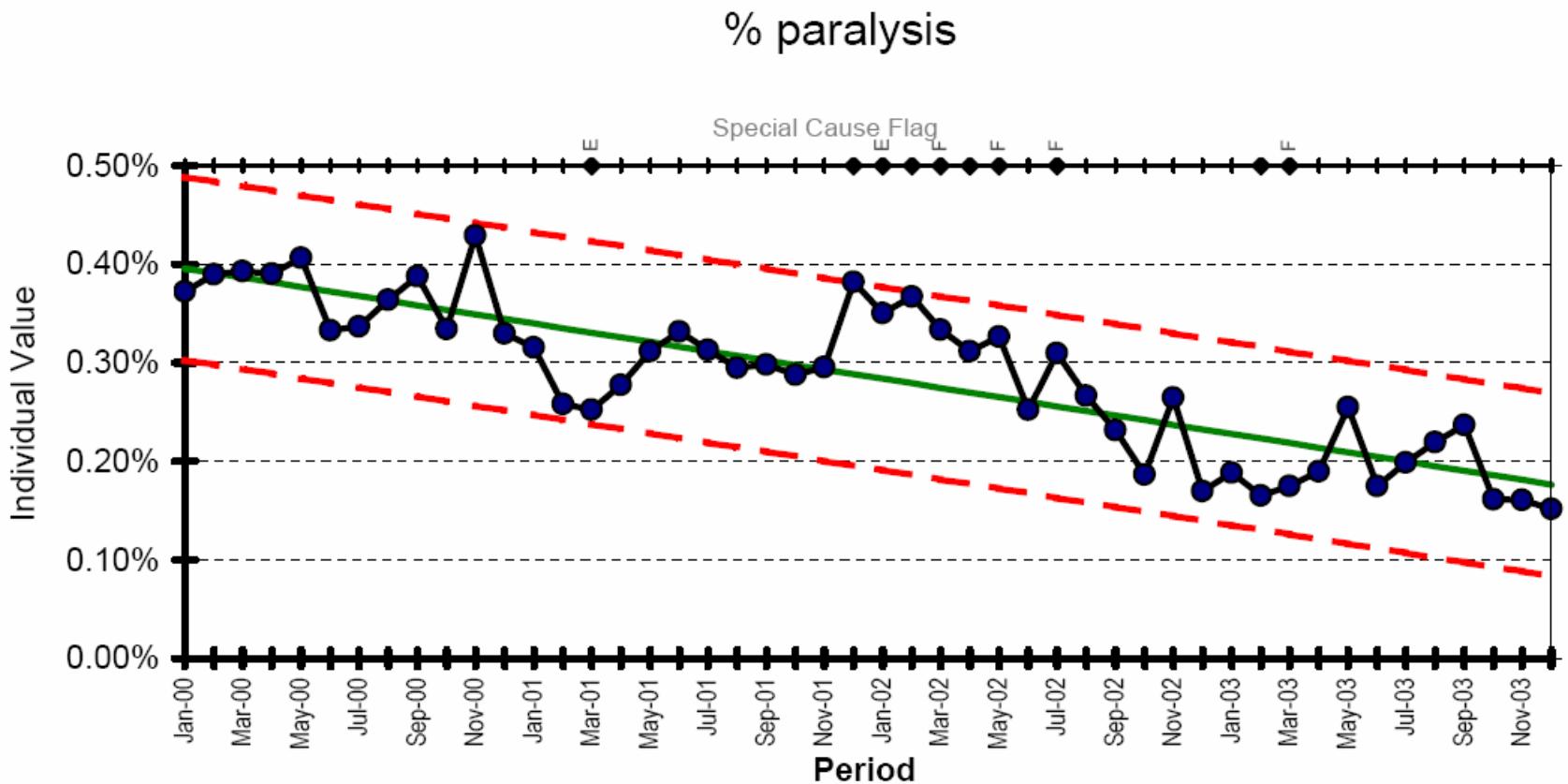
Special Cause(s) Detected

Last Center Value 0.15558014
 Last Data Value 0.13361182
 Sigma for Limits 0.004204
 Base for Limits Average MR

Chart Type: Linear Trend

Slope = -0.0002502 per period Annualized Slope = -0.003002 per year Database Column 40

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Current prob of no trend = 0.011
 Slope/Center = -0.1608% Slope/Sigma = -0.05950 Center/Sigma = 37.01



Special Cause(s) Detected

Last Center Value	0.00176426
Last Data Value	0.0015135
Sigma for Limits	0.0003095
Base for Limits	Average MR

Chart Type: Linear Trend

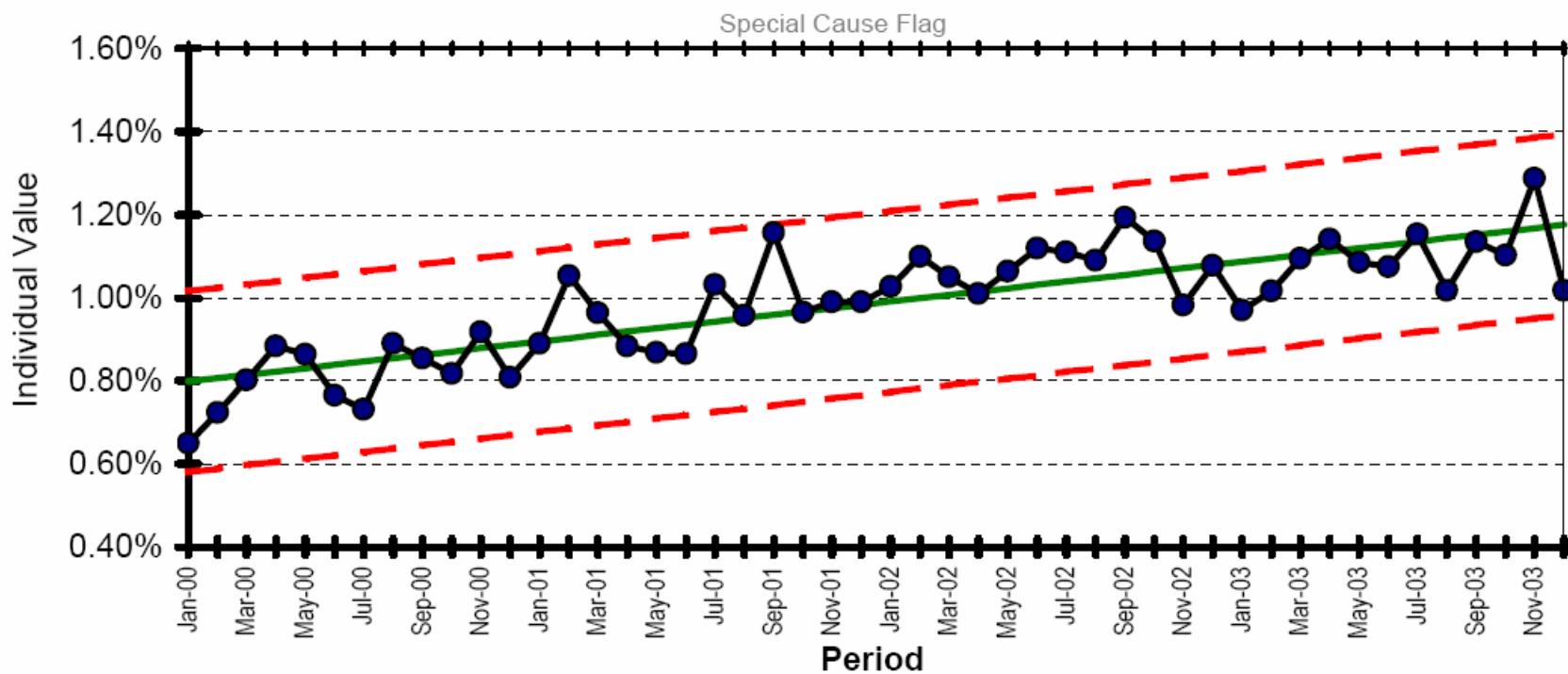
Slope = -0.00004665 per period Annualized Slope = -0.0005598 per year Database Column 41

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -2.644% Slope/Sigma = -0.1507 Center/Sigma = 5.700

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

% poisoning/OD



No Special Cause Detected

Last Center Value	0.01175673
Last Data Value	0.01017072
Sigma for Limits	0.0007256
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.00008031 per period Annualized Slope = 0.0009637 per year

Database Column

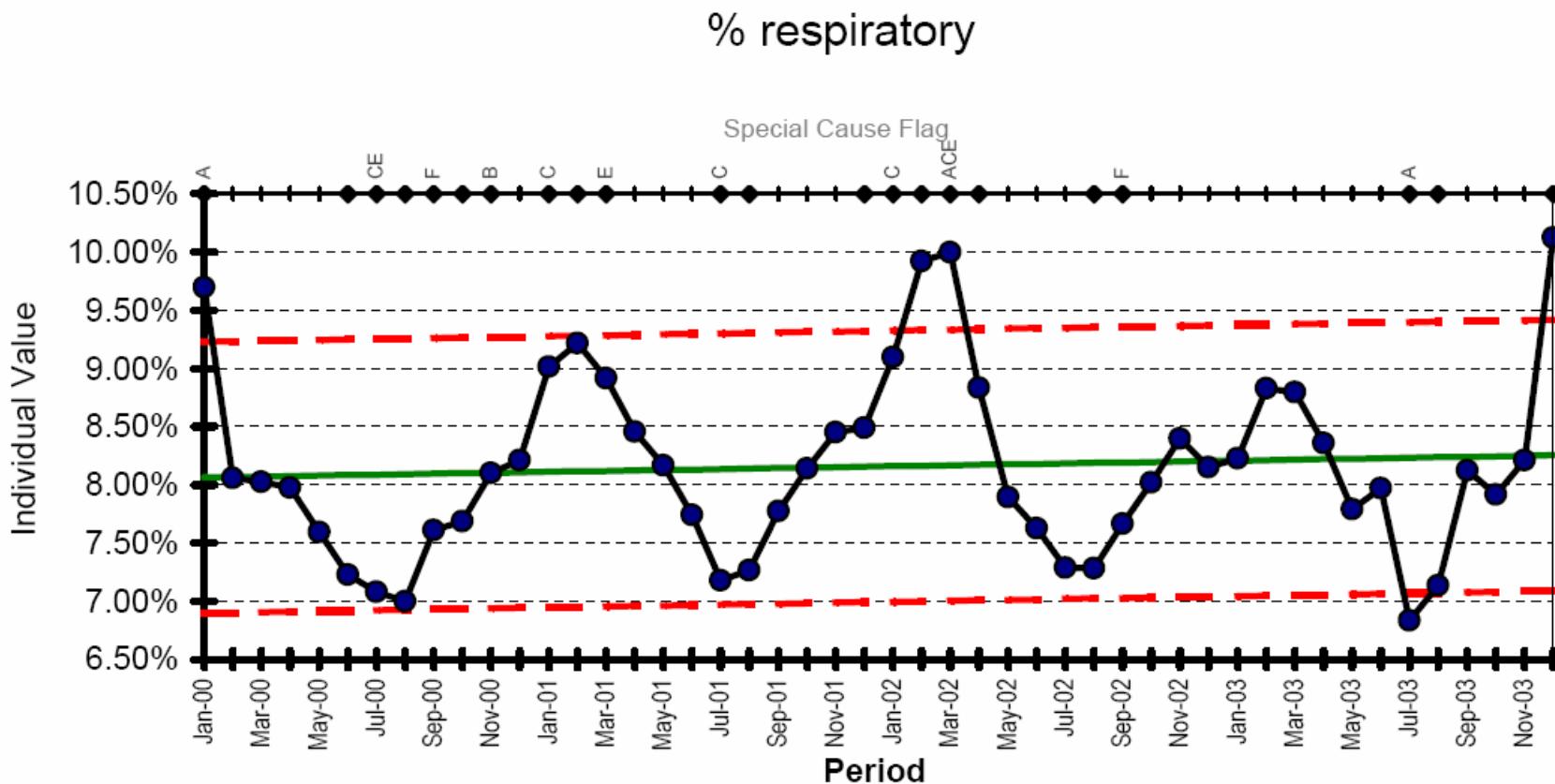
42

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000

Slope/Center = 0.6831% Slope/Sigma = 0.1107

Center/Sigma = 16.20



Special Cause(s) Detected

Last Center Value	0.0825159
Last Data Value	0.10125318
Sigma for Limits	0.003884
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00004024 per period Annualized Slope = 0.0004829 per year

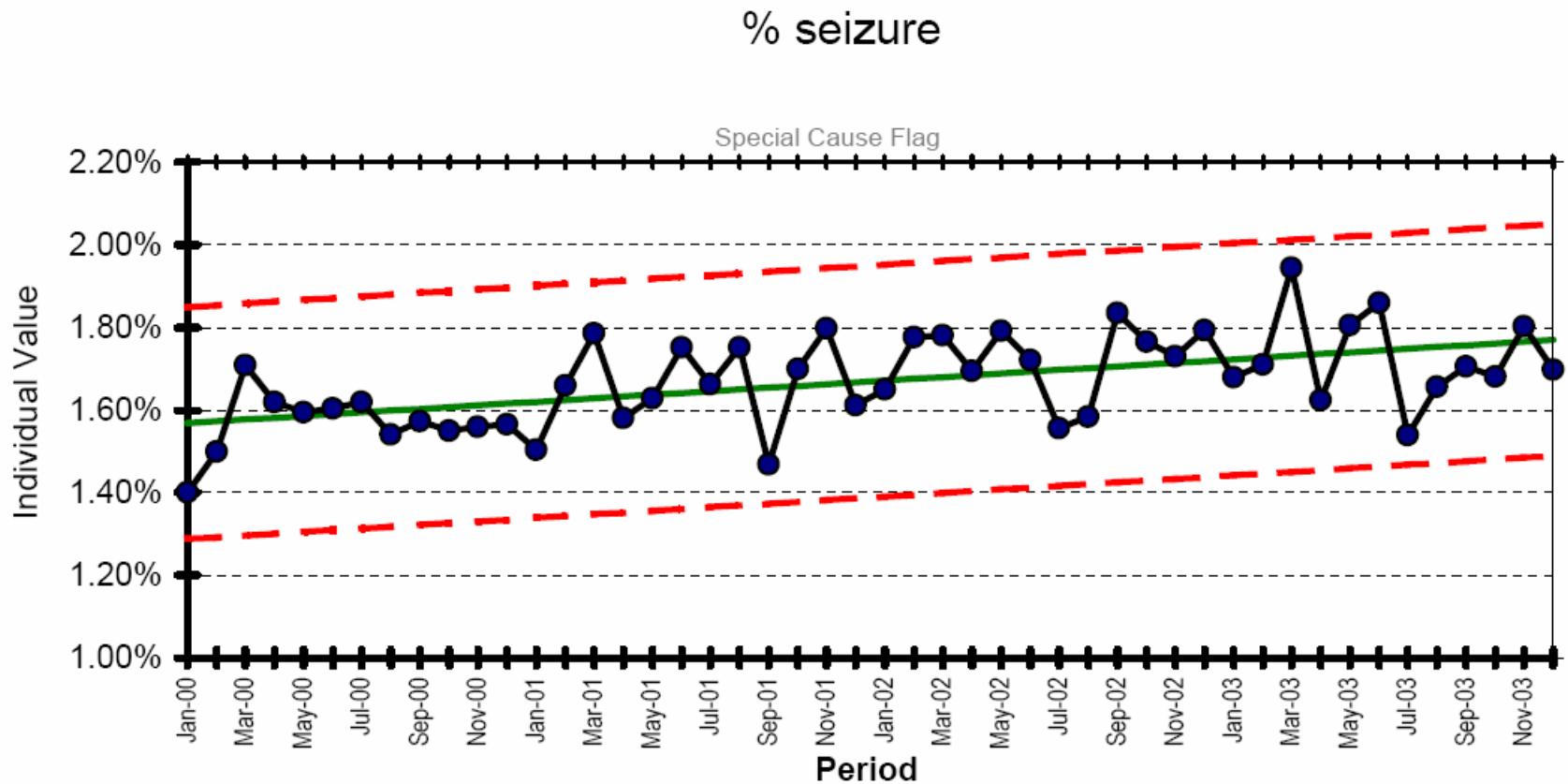
43

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.630

Slope/Center = 0.04877% Slope/Sigma = 0.01036

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 21.25



No Special Cause Detected

Last Center Value	0.0176994
Last Data Value	0.01698147
Sigma for Limits	0.0009365
Base for Limits	Average MR

Chart Type: Linear Trend

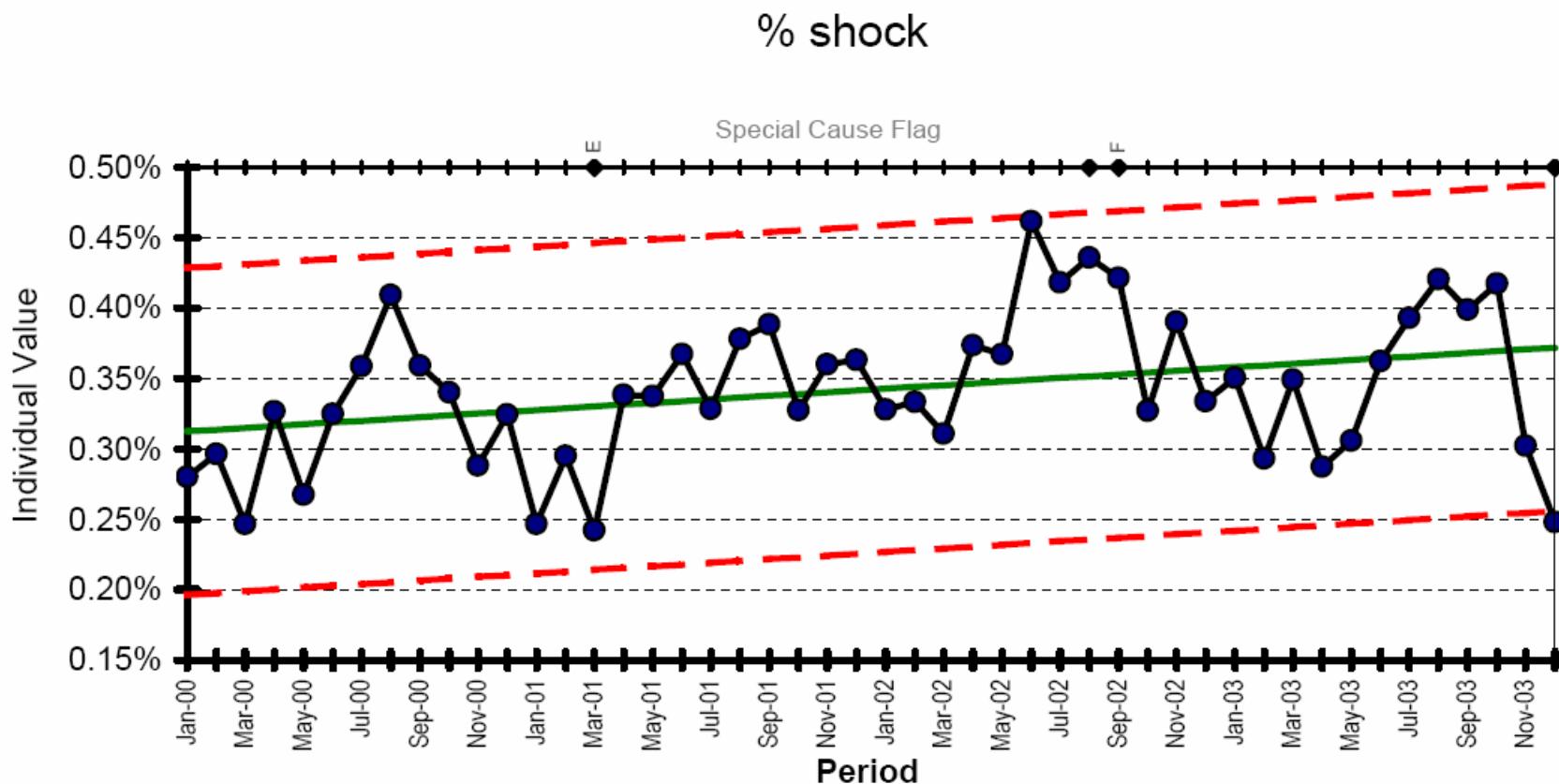
Slope = 0.00004287 per period Annualized Slope = 0.0005144 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = 0.2422% Slope/Sigma = 0.04578
 Center/Sigma = 18.90

Database Column 44

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value	0.00371902
Last Data Value	0.00248214
Sigma for Limits	0.0003870
Base for Limits	Average MR

Chart Type: Linear Trend

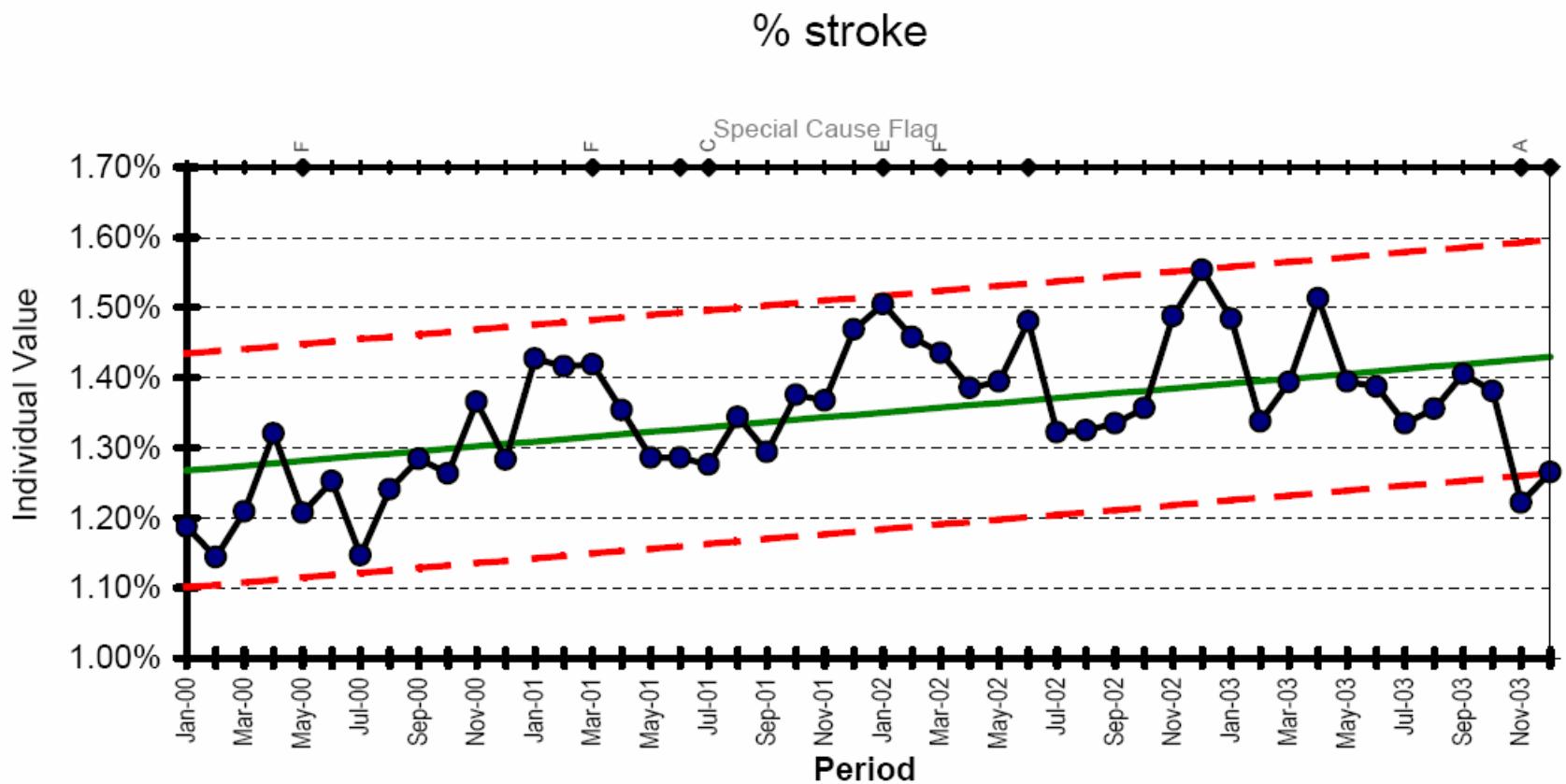
Slope = 0.00001266 per period Annualized Slope = 0.0001520 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.020
 Slope/Center = 0.3405% Slope/Sigma = 0.03272 Center/Sigma = 9.610

Database Column

45

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value	0.01429383
Last Data Value	0.01265286
Sigma for Limits	0.0005552
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.00003447 per period Annualized Slope = 0.0004136 per year

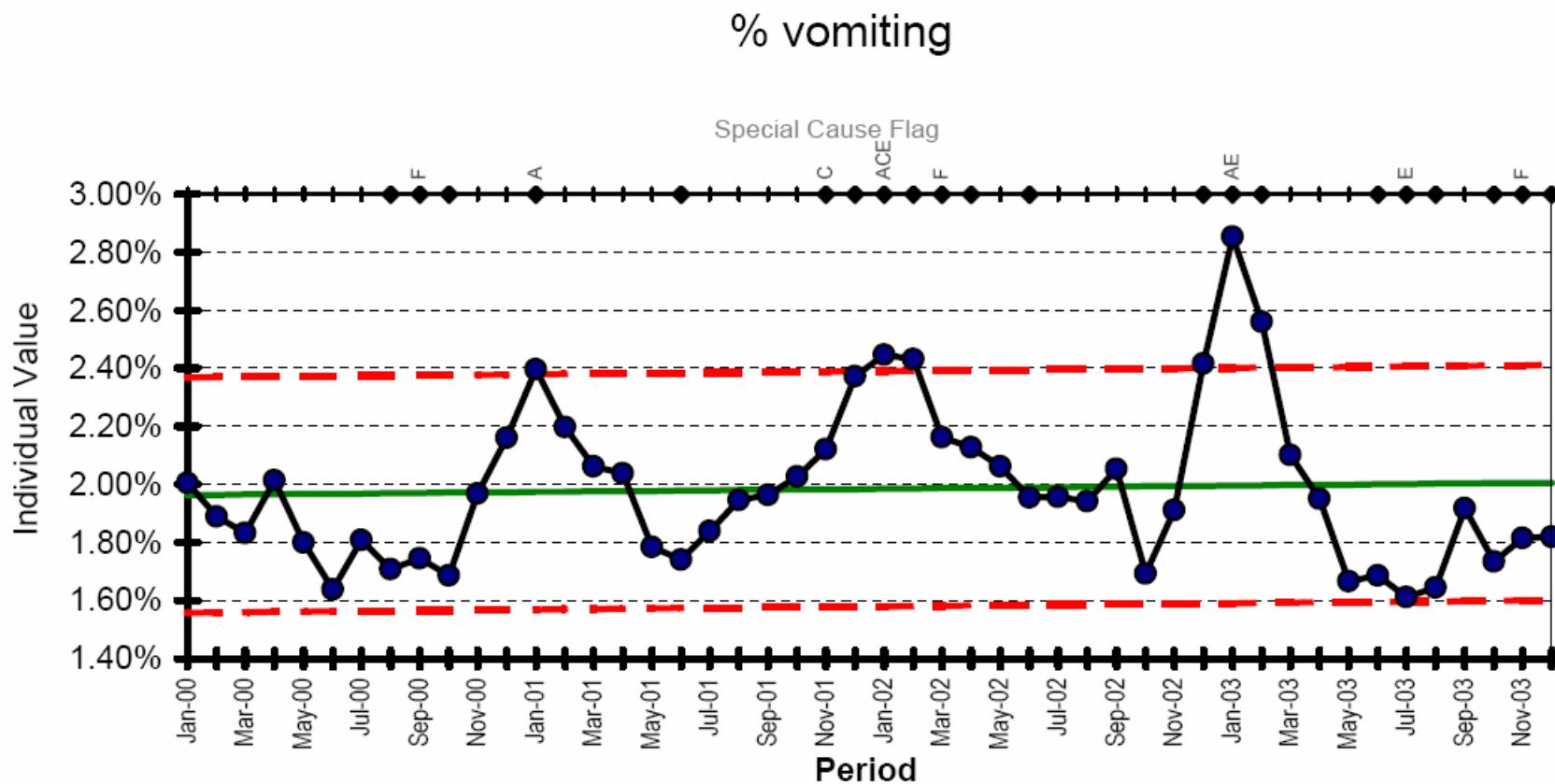
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = 0.2411% Slope/Sigma = 0.06208 Center/Sigma = 25.75

Database Column

46

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value	0.02006208
Last Data Value	0.01819228
Sigma for Limits	0.001351
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.000009068 per period Annualized Slope = 0.0001088 per year

47

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.750

Slope/Center = 0.04520% Slope/Sigma = 0.006712 Center/Sigma = 14.85

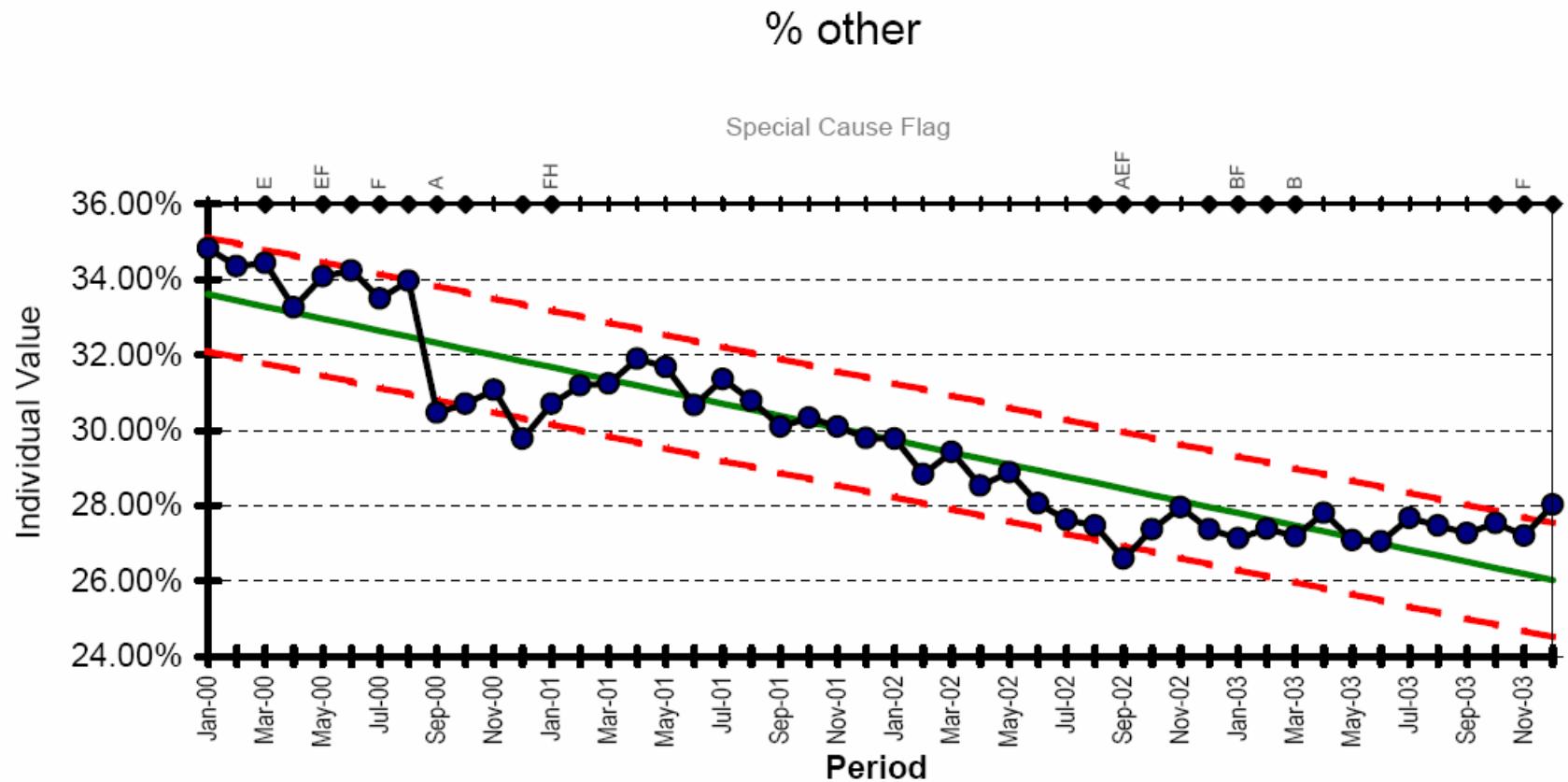
E. 2 of 3 Beyond 2 Sigma

F. 4 of 5 Beyond 1 Sigma

G. 15 Within 1 Sigma

H. 8 Outside 1 Sigma

X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value 0.26022891
 Last Data Value 0.28023974
 Sigma for Limits 0.005033
 Base for Limits Average MR

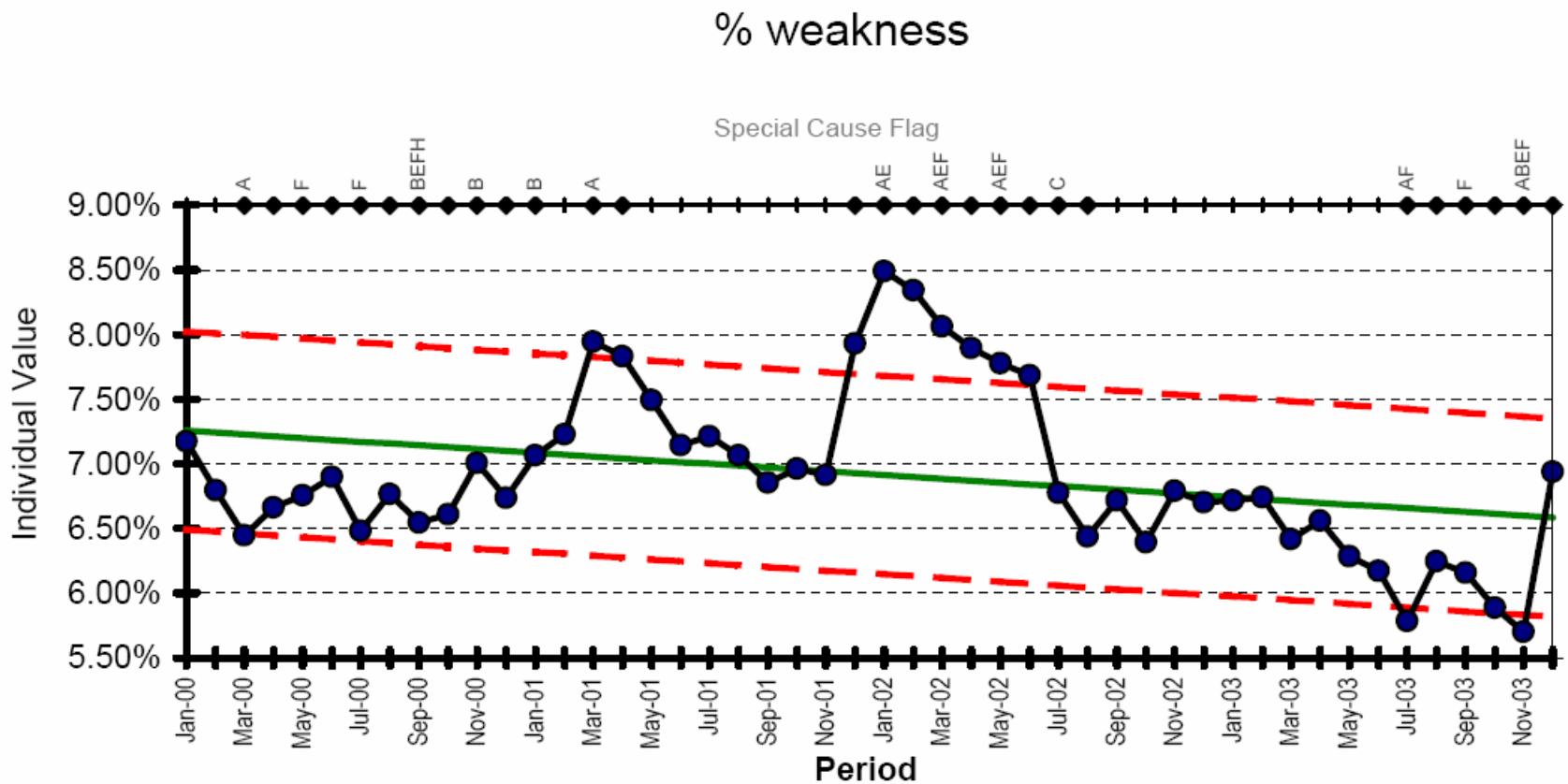
Chart Type: Linear Trend

Slope = -0.001613 per period Annualized Slope = -0.01935 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.000
 Slope/Center = -0.6198% Slope/Sigma = -0.3204
 Center/Sigma = 51.71

Database Column

49

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value	0.06585109
Last Data Value	0.06937886
Sigma for Limits	0.002560
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0001430 per period Annualized Slope = -0.001716 per year

Database Column

48

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.031

Slope/Center = -0.2171% Slope/Sigma = -0.05585

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 25.73

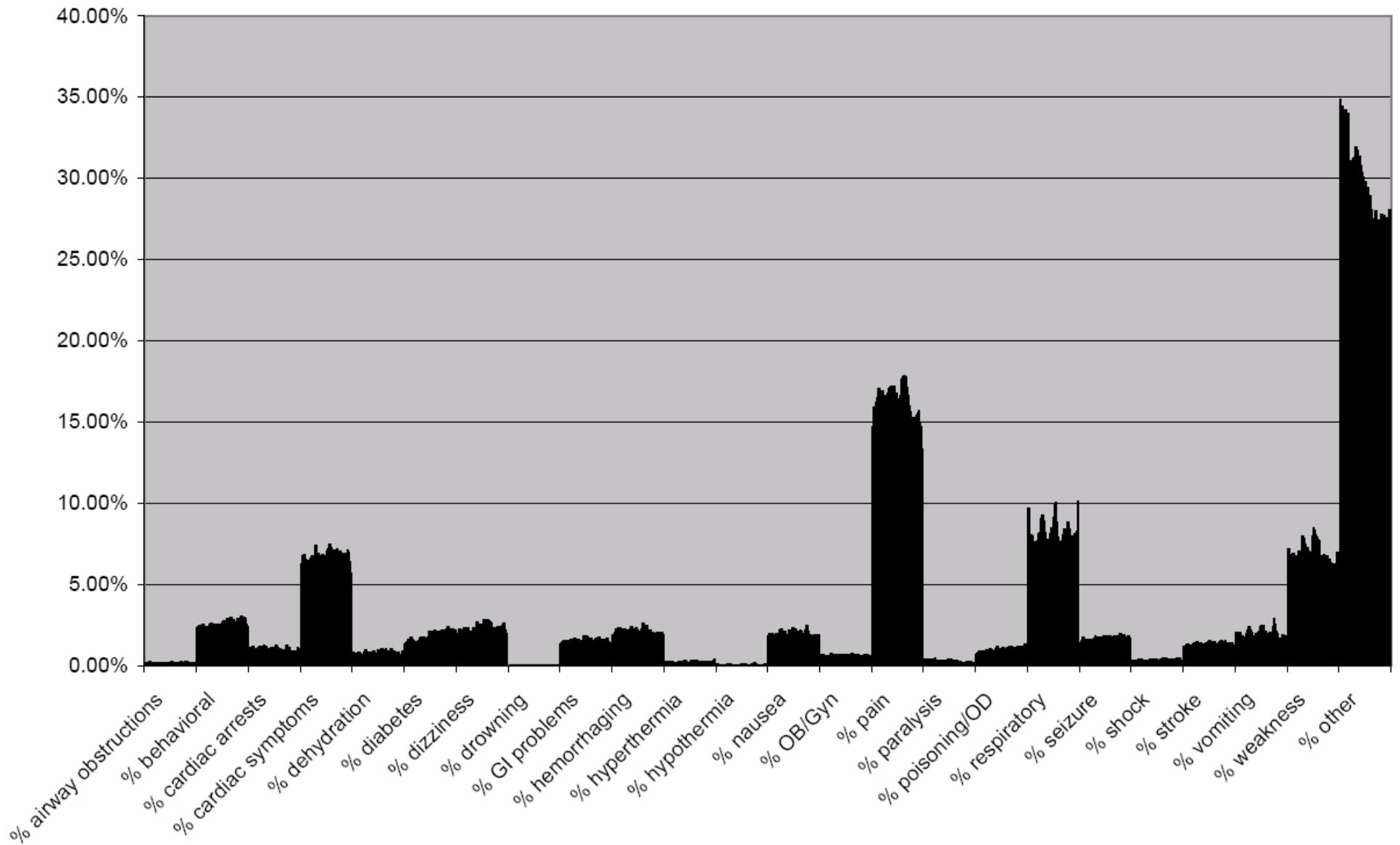
SUSPECTED ILLNESS

Relative numbers

„Putting it all together“

- Airway obstruction
- Behavioral
- Cardiac arrest
- Cardiac symptoms
- Dehydration
- Diabetes
- Dizziness
- Drowning
- GI problem
- Hemorrhaging
- Hyperthermia
- Hypothermia
- Nausea
- OB/GYN
- Pain
- Paralysis
- Poisoning/OD
- Respiratory
- Seizure
- Shock
- Stroke
- Vomiting
- Weakness
- Other

Suspected Illness

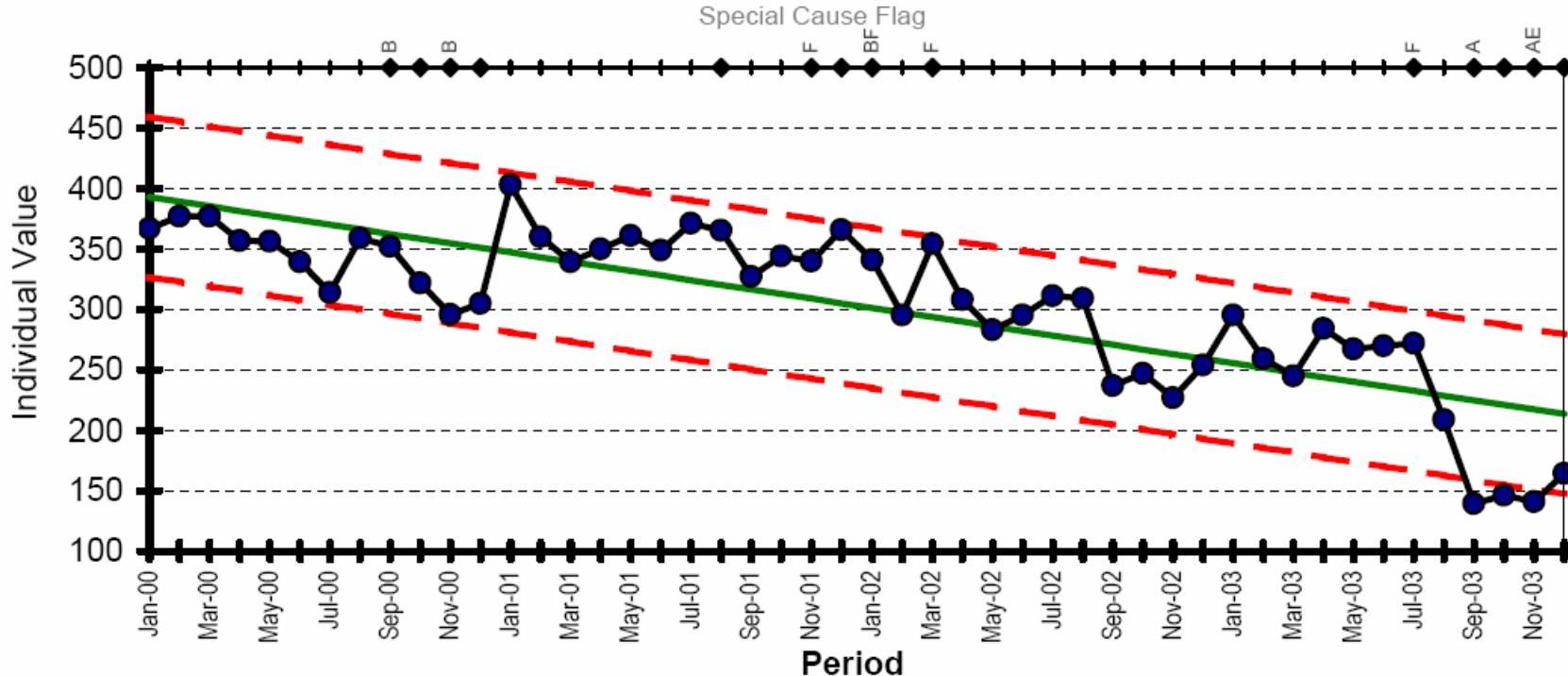


RESPONSE OUTCOME

Absolute numbers

- Not entered
- Transported
- Care transferred
- Cancelled
- Refused
- False call
- No patient found
- P.O.V.
- Treated/no transport
- Standby
- DOA
- Other

Num not entered



Special Cause(s) Detected

Last Center Value	213.30017
Last Data Value	164
Sigma for Limits	22.05
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -3.821 per period Annualized Slope = -45.85 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = -1.791% Slope/Sigma = -0.1733

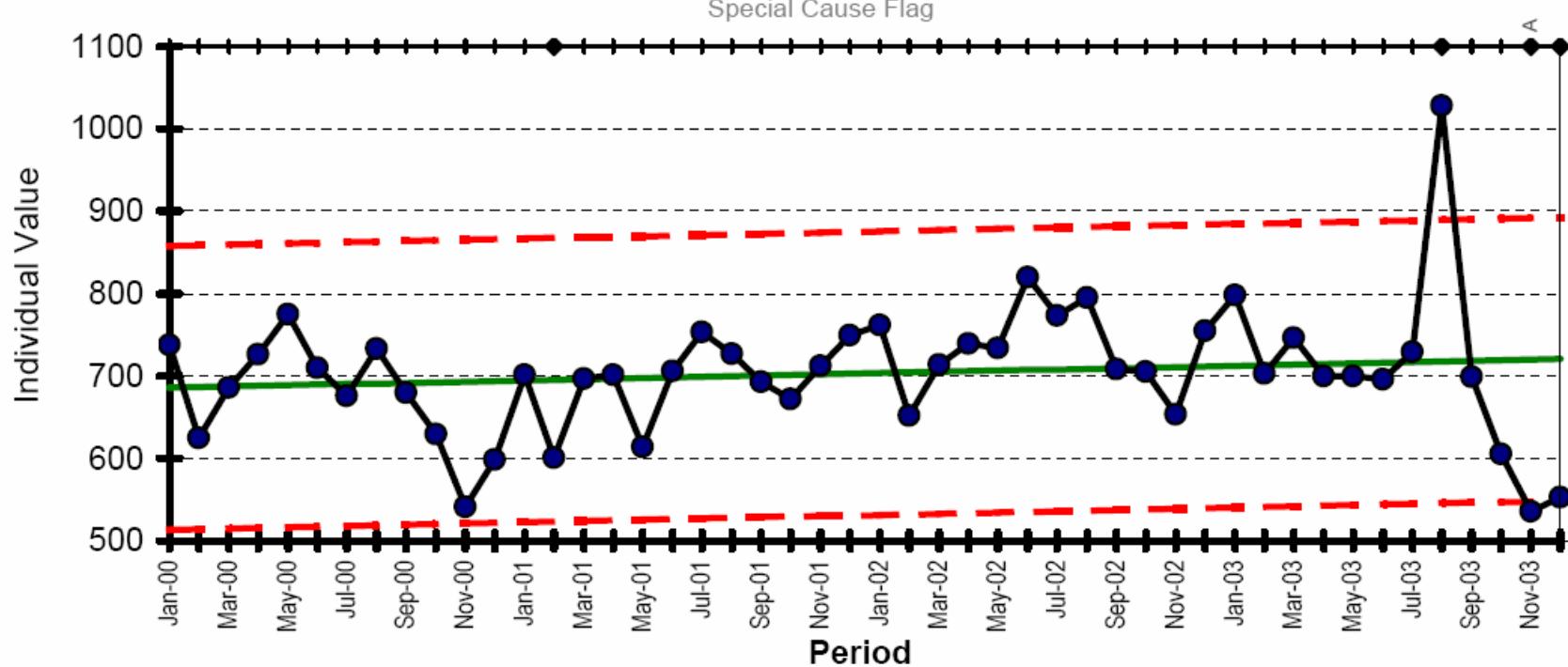
Database Column

2

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 9.672

Num care transferred



Special Cause(s) Detected

Last Center Value	720.431973
Last Data Value	553
Sigma for Limits	57.37
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.7400 per period Annualized Slope = 8.880 per year

Database Column

4

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

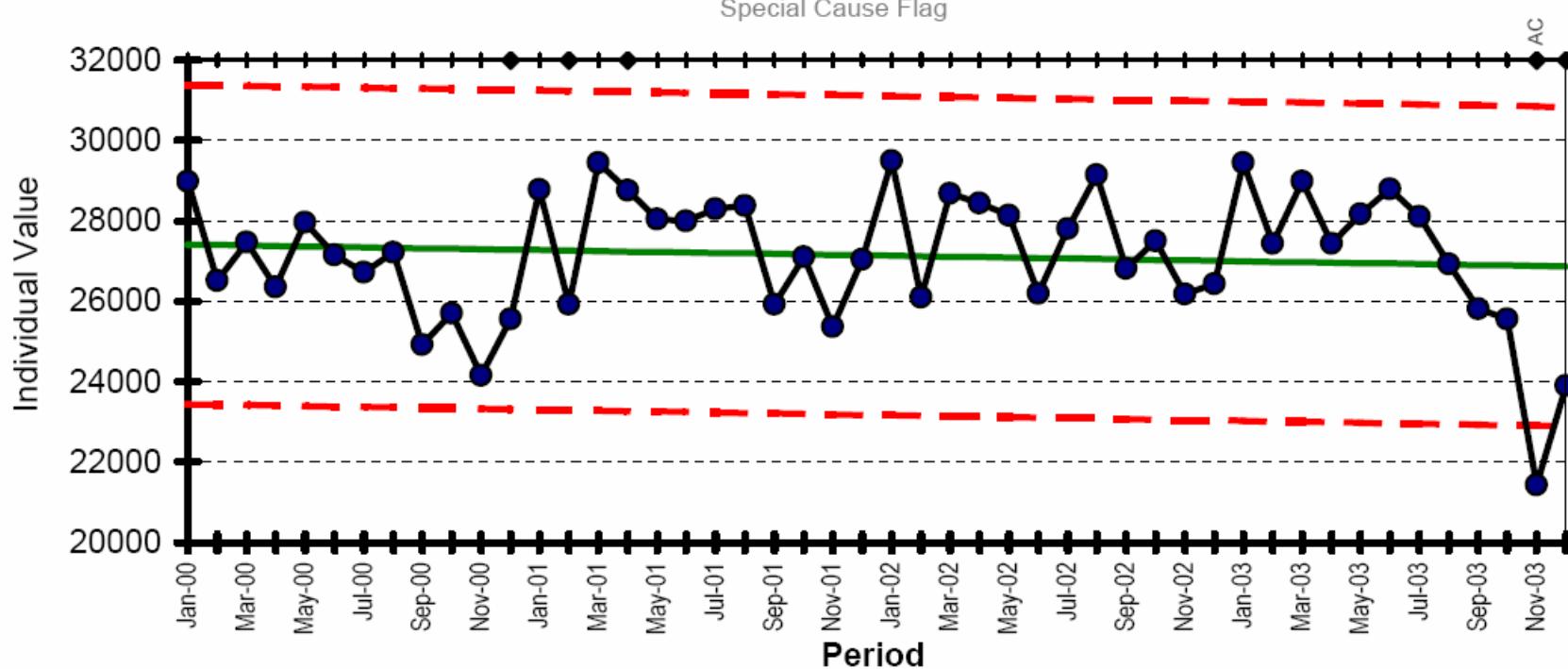
Current prob of no trend = 0.380

Slope/Center = 0.1027% Slope/Sigma = 0.01290

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 12.56

Num transported



Special Cause(s) Detected

Last Center Value	26871.3248
Last Data Value	23912
Sigma for Limits	1,324
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -11.57 per period Annualized Slope = -138.9 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.501

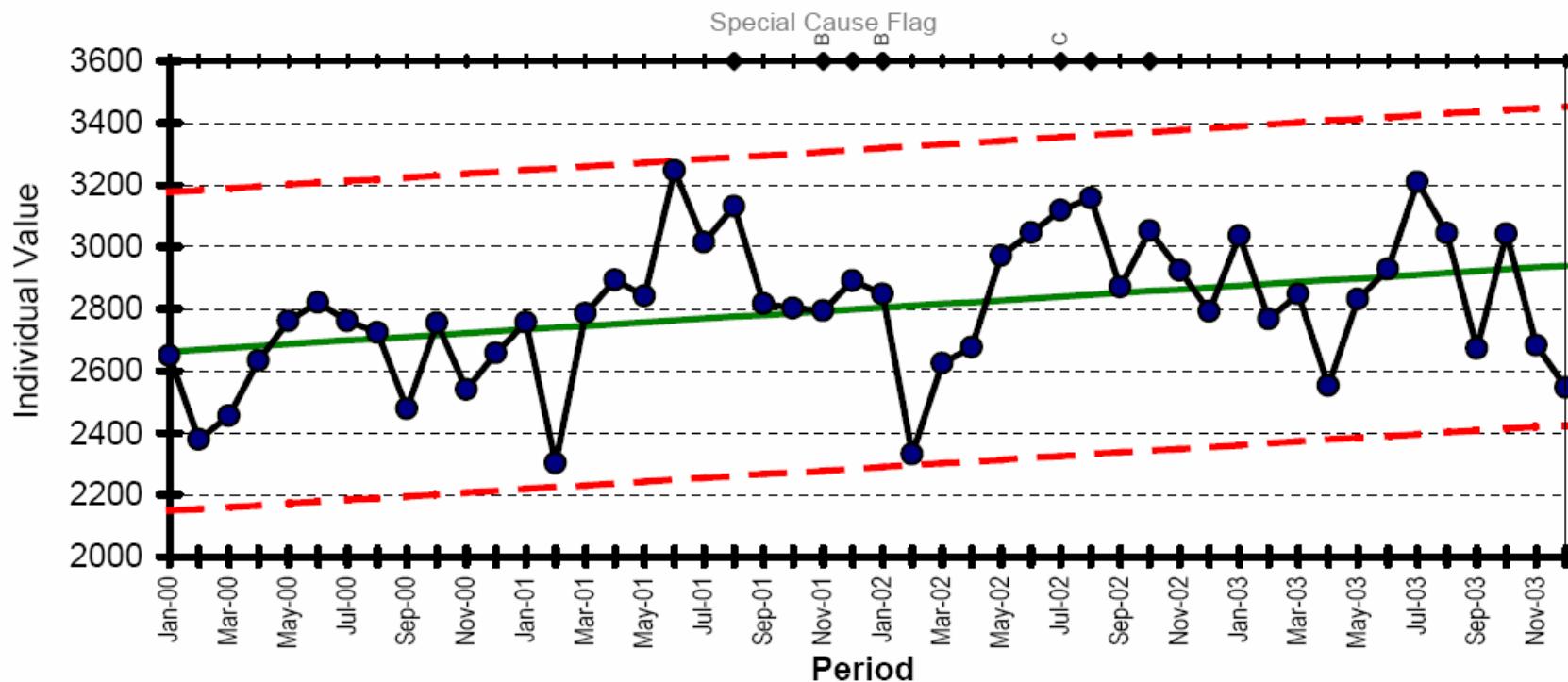
Slope/Center = -0.04307% Slope/Sigma = -0.008741 Center/Sigma = 20.30

Database Column

3

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num refused



Special Cause(s) Detected

Last Center Value	2939.31548
Last Data Value	2545
Sigma for Limits	171.5
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 5.890 per period Annualized Slope = 70.68 per year

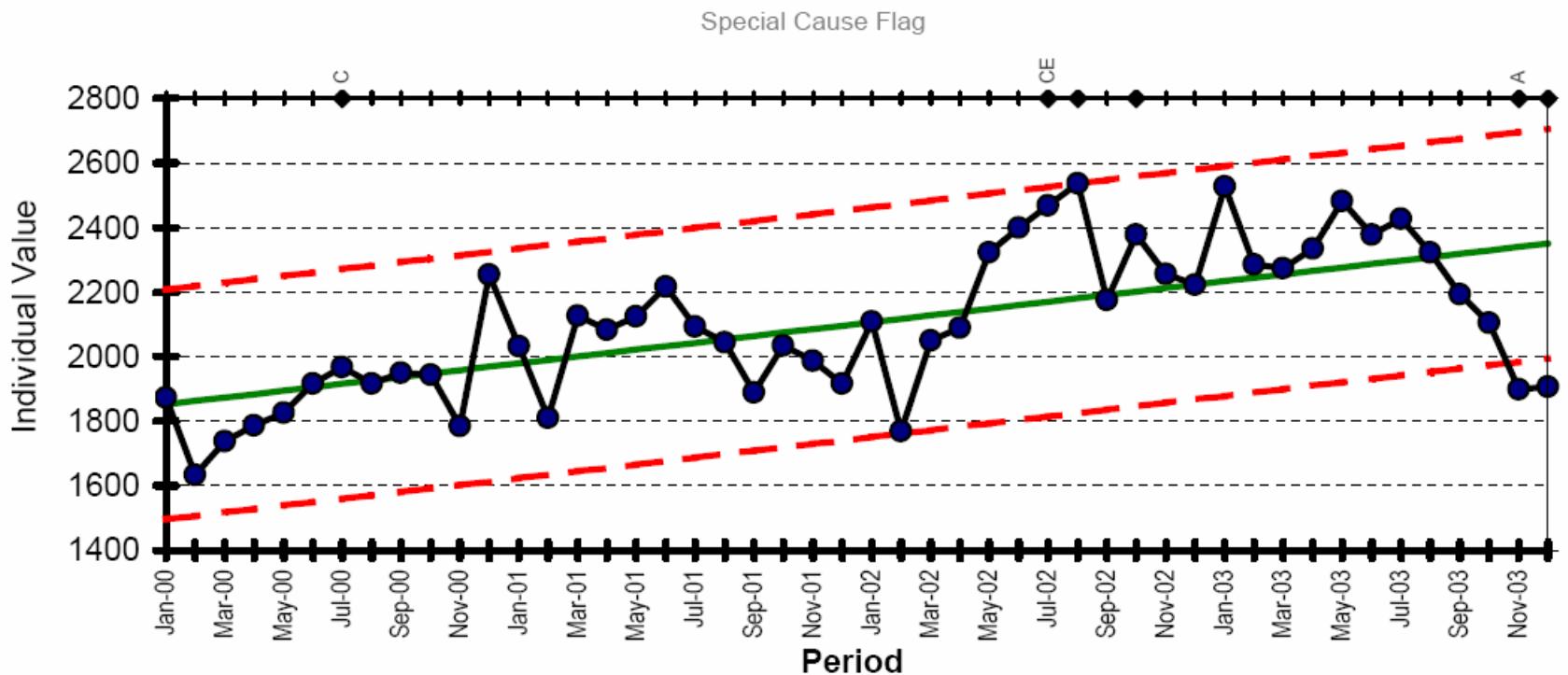
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.010 Slope/Center = 0.2004% Slope/Sigma = 0.03435 Center/Sigma = 17.13

Database Column

6

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num cancelled



Special Cause(s) Detected

Last Center Value	2350.26956
Last Data Value	1906
Sigma for Limits	118.6
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 10.60 per period Annualized Slope = 127.2 per year

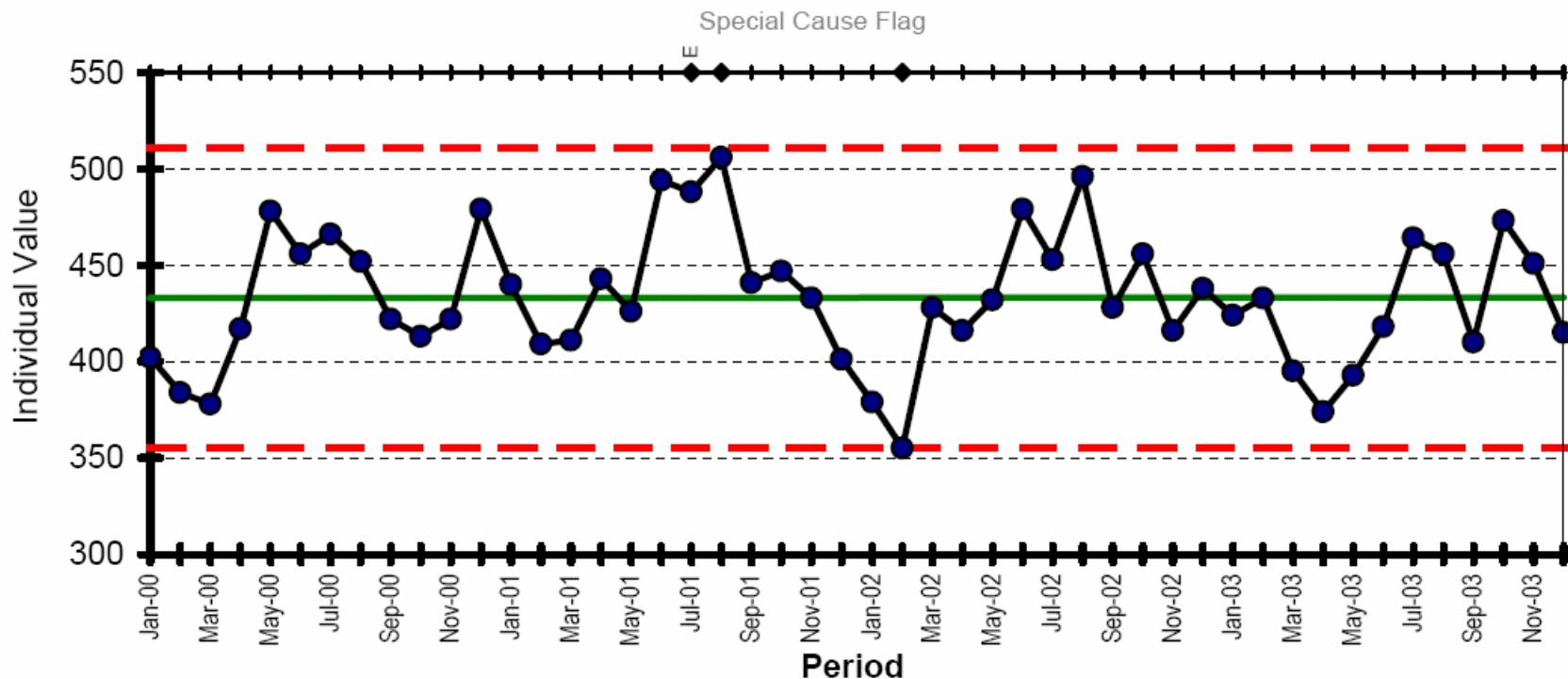
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.000
- Slope/Center = 0.4511% Slope/Sigma = 0.08938 Center/Sigma = 19.82

Database Column

5

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num no patient found



Special Cause(s) Detected

Last Center Value 433.219388
 Last Data Value 415
 Sigma for Limits 25.90
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

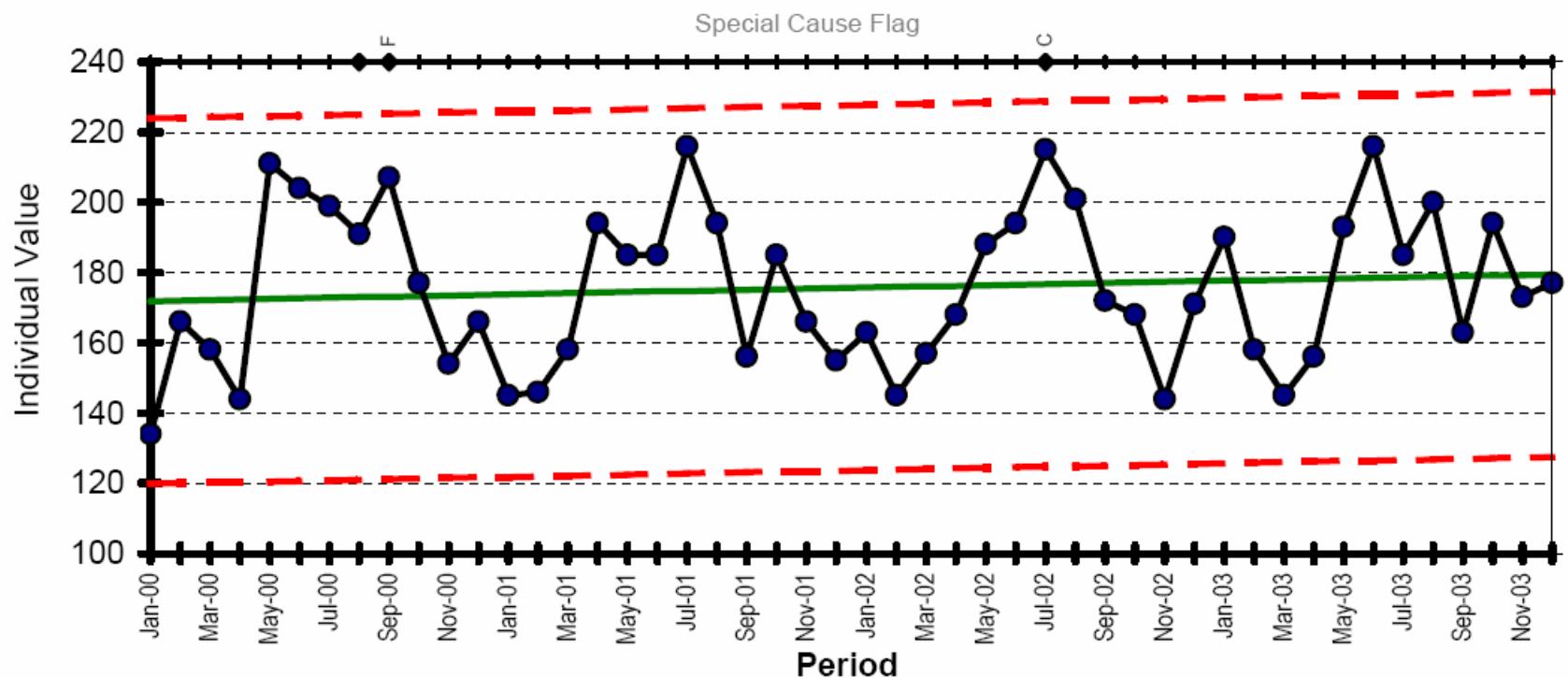
Slope = 0.004017 per period Annualized Slope = 0.04820 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.991
 Slope/Center = 0.0009271% Slope/Sigma = 0.0001551 Center/Sigma = 16.73

Database Column

8

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Num false call



Special Cause(s) Detected

Last Center Value	179.47534
Last Data Value	177
Sigma for Limits	17.34
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.1621 per period Annualized Slope = 1.945 per year

Database Column

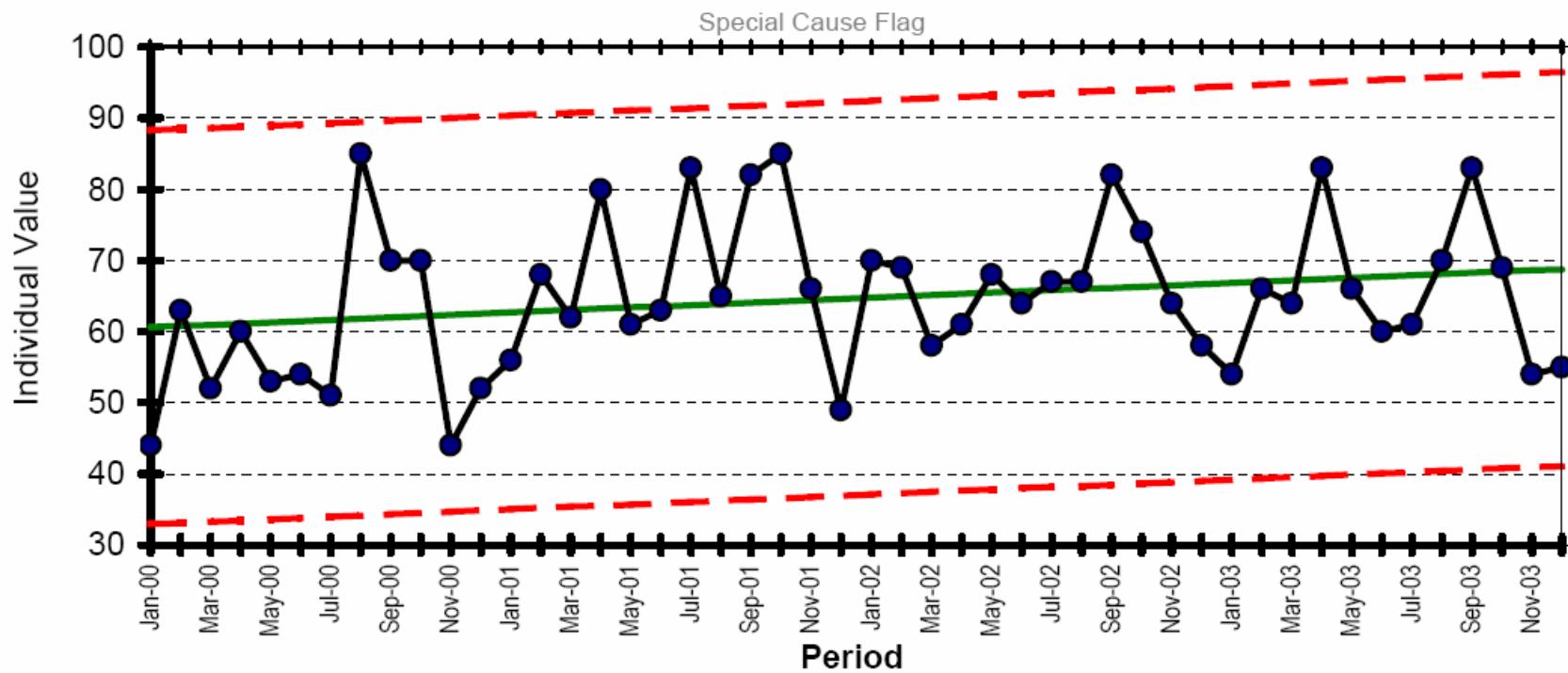
7

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.491

Slope/Center = 0.09030% Slope/Sigma = 0.009347 Center/Sigma = 10.35

Num P.O.V.



No Special Cause Detected

Last Center Value 68.7704082
 Last Data Value 55
 Sigma for Limits 9.227
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.1737 per period Annualized Slope = 2.085 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.120

Slope/Center = 0.2526% Slope/Sigma = 0.01883

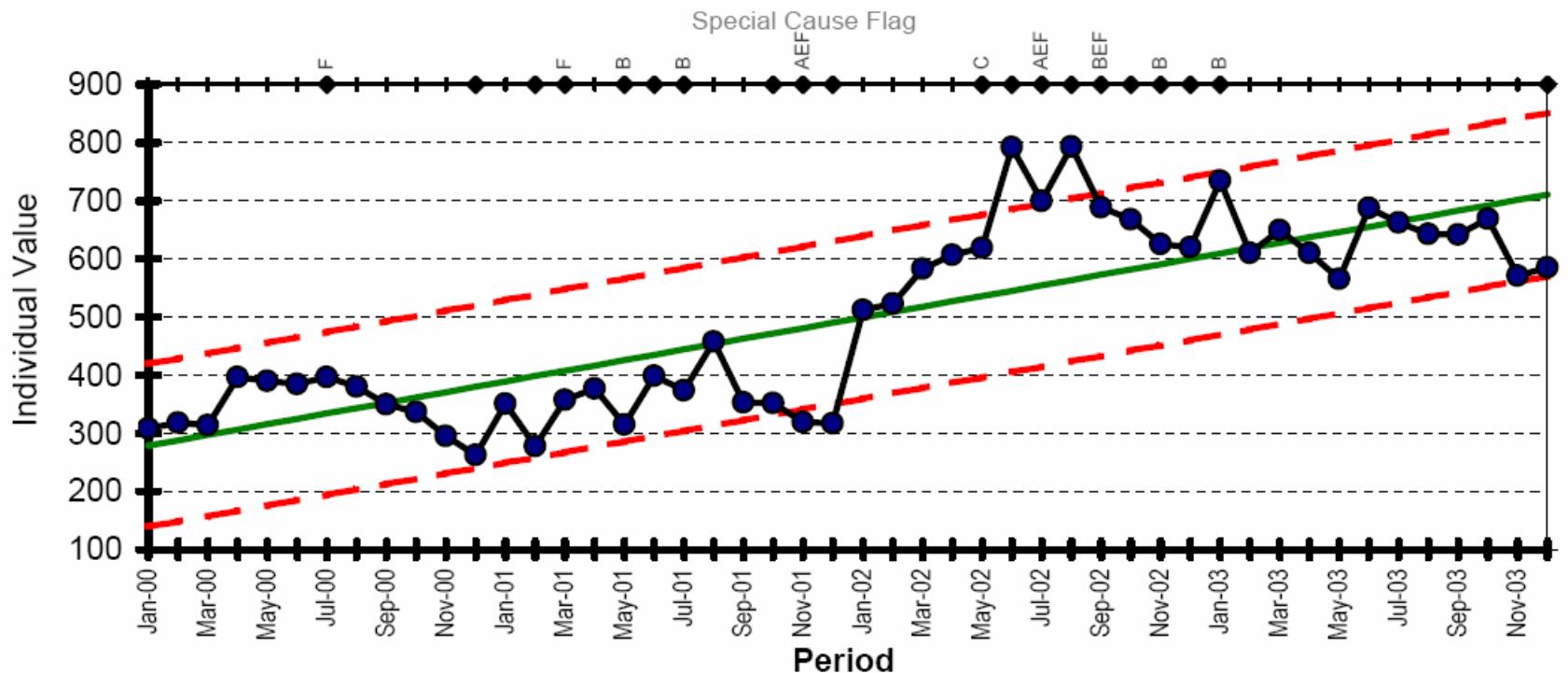
Database Column

9

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 7.453

Num treated/not transported



Special Cause(s) Detected

Last Center Value	710.356293
Last Data Value	585
Sigma for Limits	46.69
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 9.182 per period Annualized Slope = 110.2 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = 1.293% Slope/Sigma = 0.1967

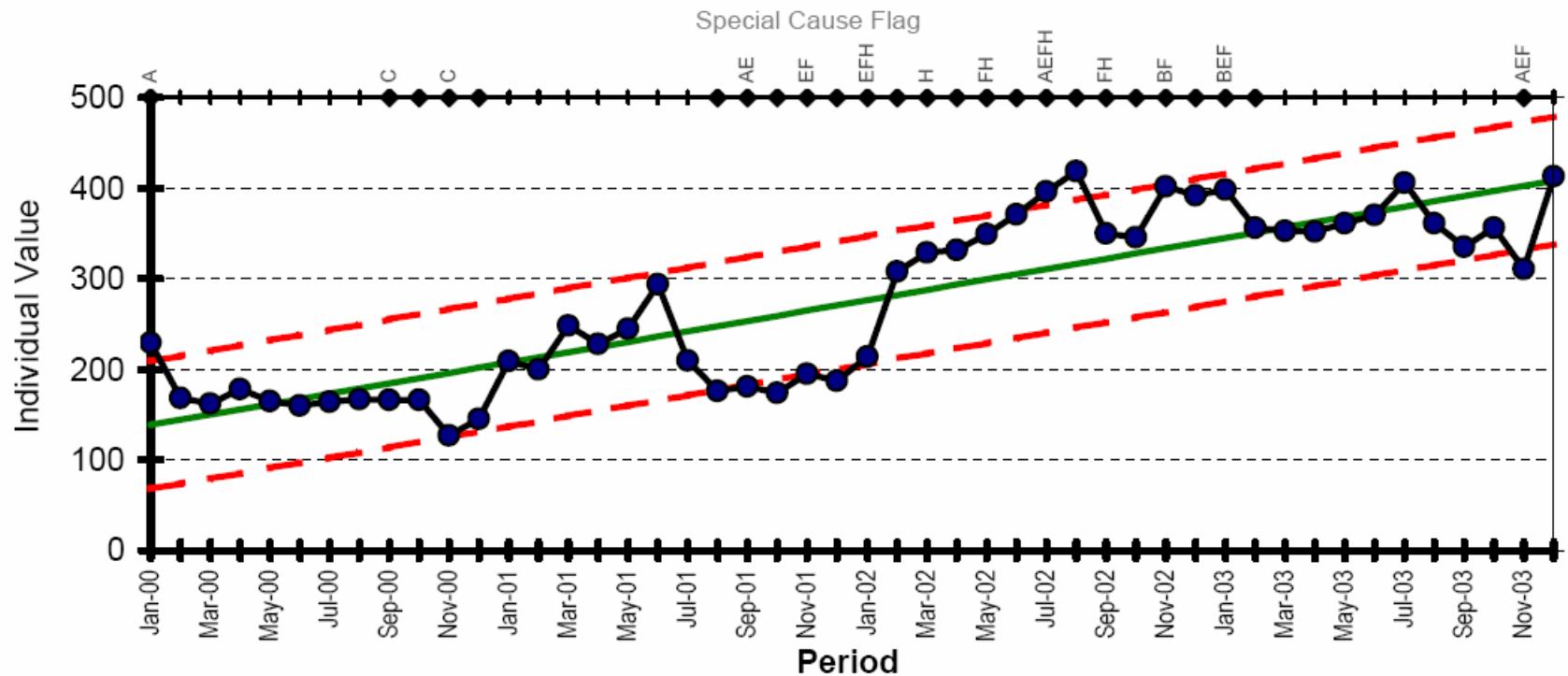
Database Column

10

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 15.21

Num DOA



Special Cause(s) Detected

Last Center Value	408.322279
Last Data Value	413
Sigma for Limits	23.52
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 5.741 per period Annualized Slope = 68.89 per year

Database Column

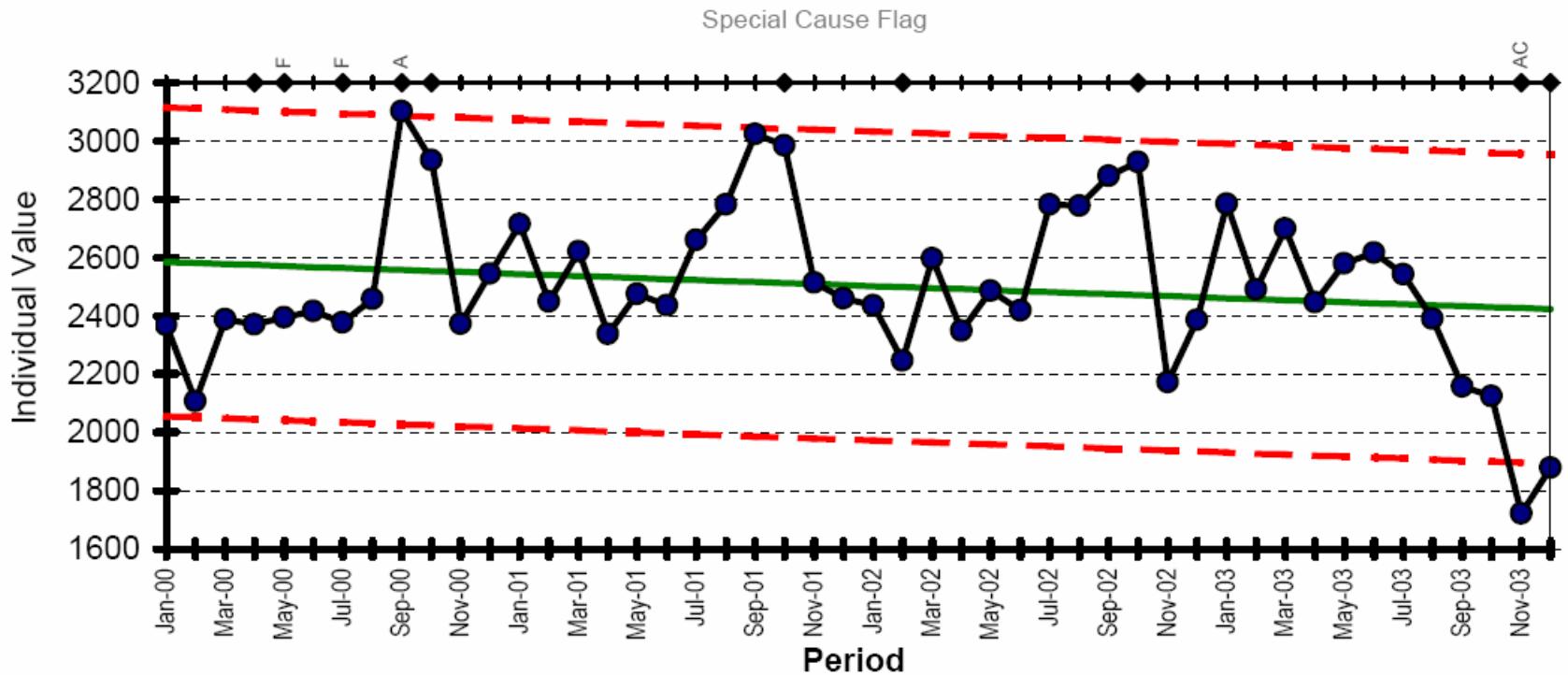
12

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000

Slope/Center = 1.406% Slope/Sigma = 0.2441 Center/Sigma = 17.36

Num standby



Special Cause(s) Detected

Last Center Value	2422.71769
Last Data Value	1878
Sigma for Limits	176.5
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -3.450 per period Annualized Slope = -41.40 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.238

Slope/Center = -0.1424% Slope/Sigma = -0.01955

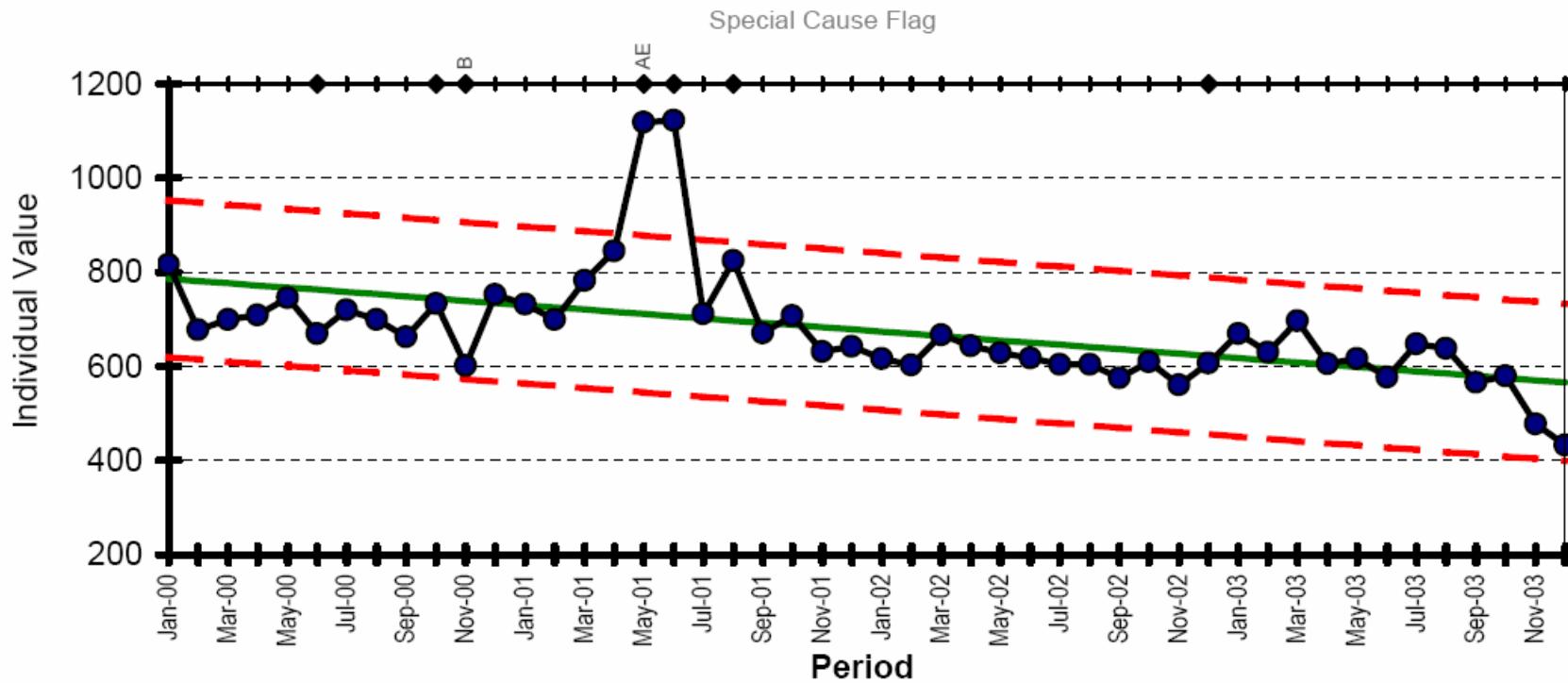
Database Column

11

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 13.72

Num other



Special Cause(s) Detected

Last Center Value	565.919218
Last Data Value	433
Sigma for Limits	55.57
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -4.686 per period Annualized Slope = -56.23 per year

Database Column

13

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.000
 Slope/Center = -0.8280% Slope/Sigma = -0.08433 Center/Sigma = 10.18

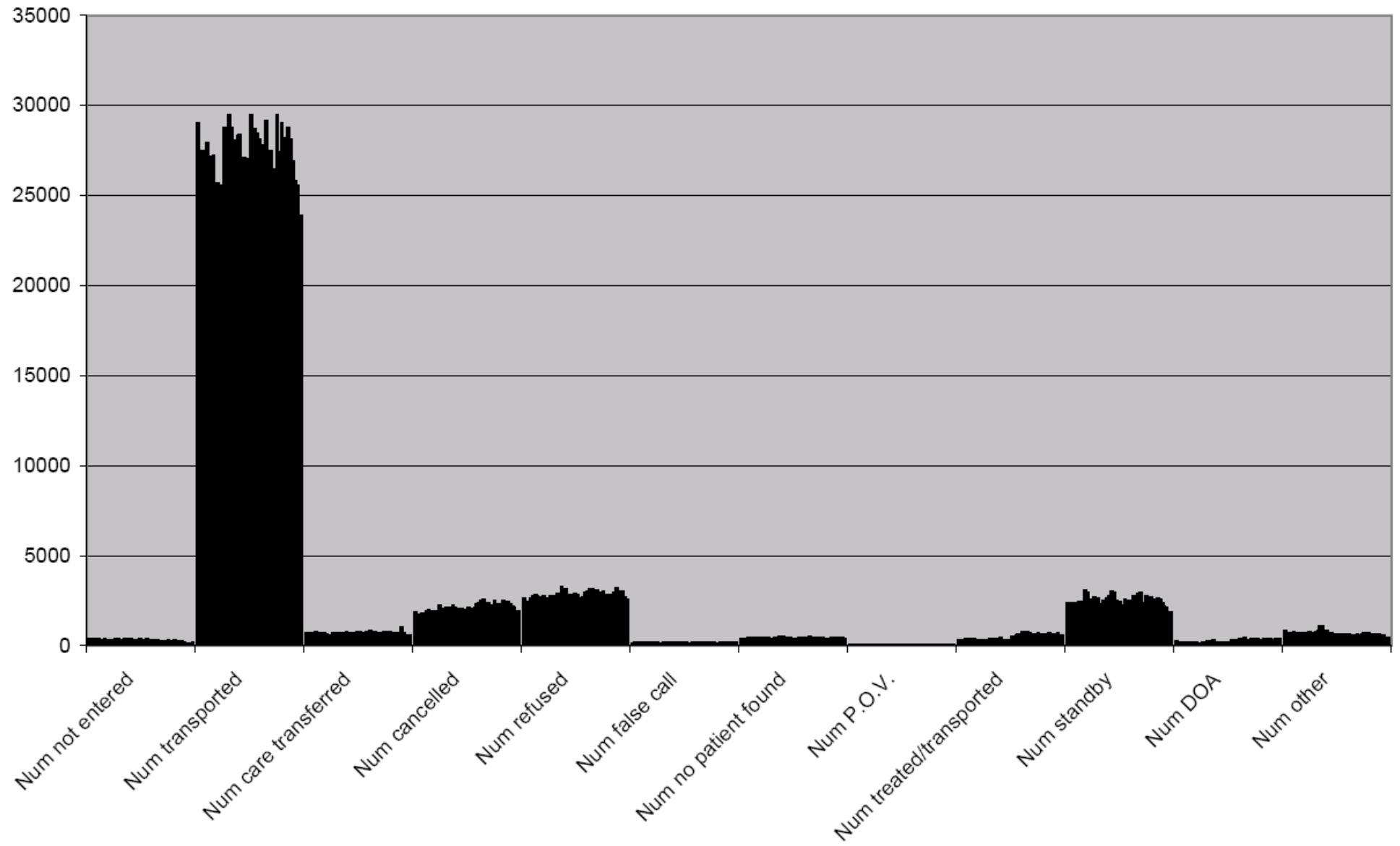
RESPONSE OUTCOME

Absolute numbers

„Putting it all together“

- Not entered
- Transported
- Care transferred
- Cancelled
- Refused
- False call
- No patient found
- P.O.V.
- Treated/no transport
- Standby
- DOA
- Other

Response outcome

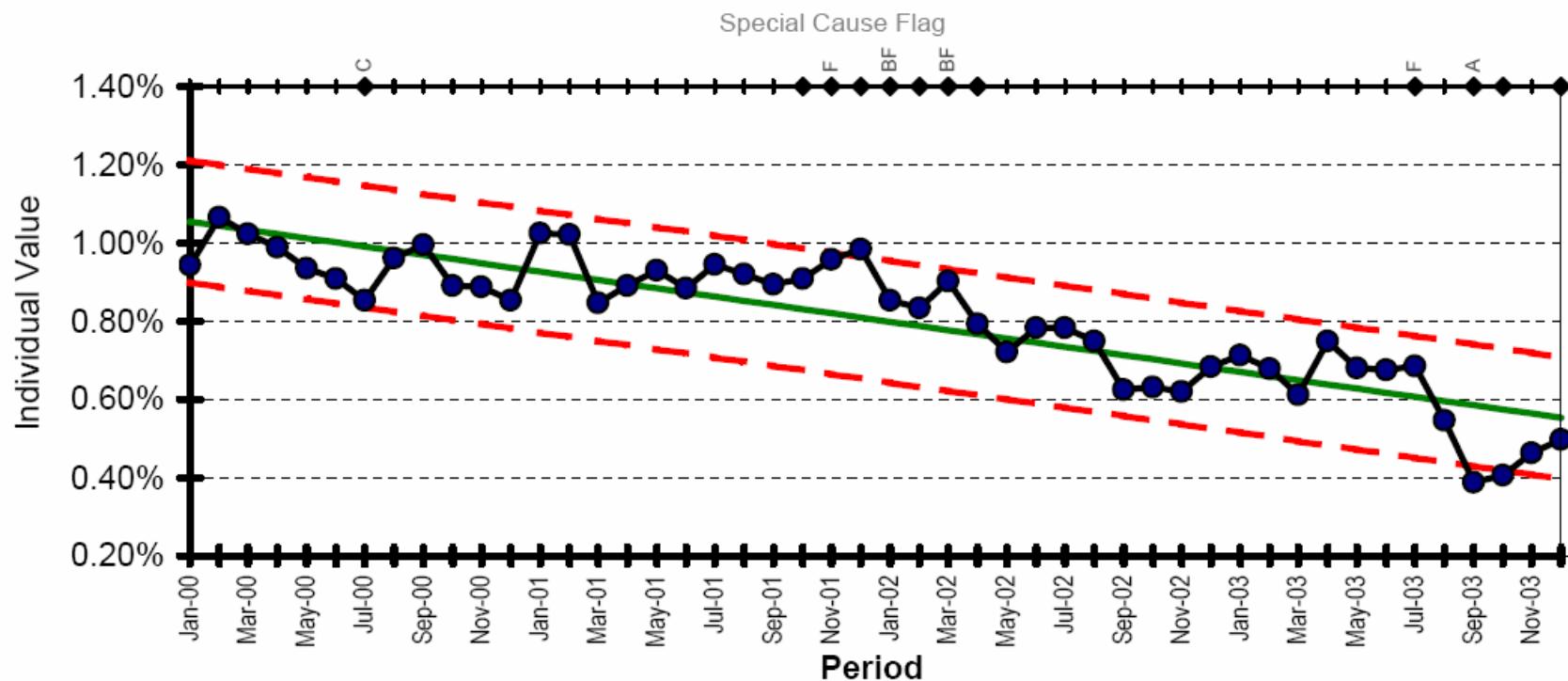


RESPONSE OUTCOME

Relative numbers

- Not entered
- Transported
- Care transferred
- Cancelled
- Refused
- False call
- No patient found
- P.O.V.
- Treated/no transport
- Standby
- DOA
- Other

% not entered



Special Cause(s) Detected

Last Center Value	0.00552696
Last Data Value	0.00496428
Sigma for Limits	0.0005193
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0001068 per period Annualized Slope = -0.001281 per year

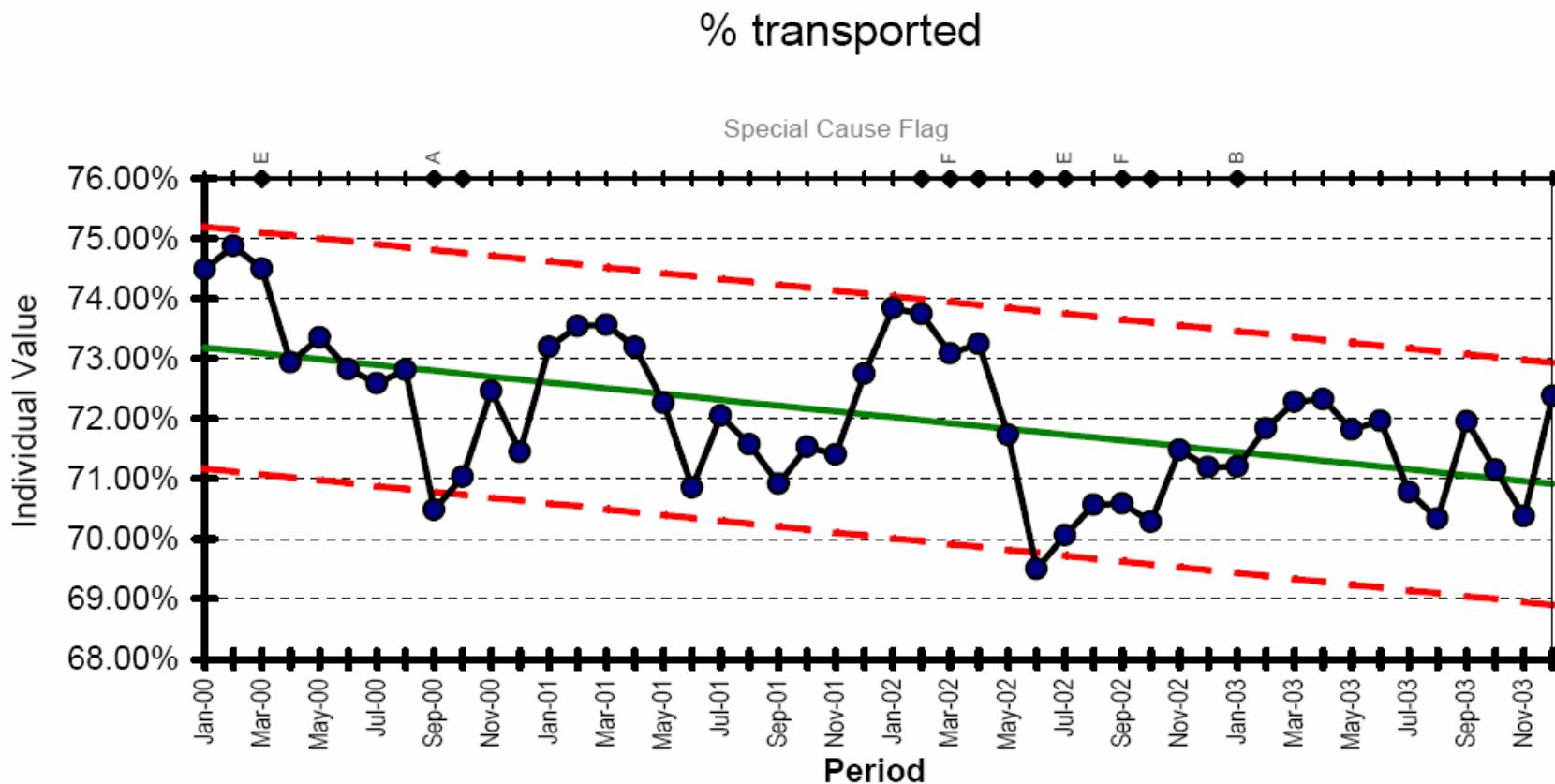
14

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = -1.932% Slope/Sigma = -0.2056 Center/Sigma = 10.64

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



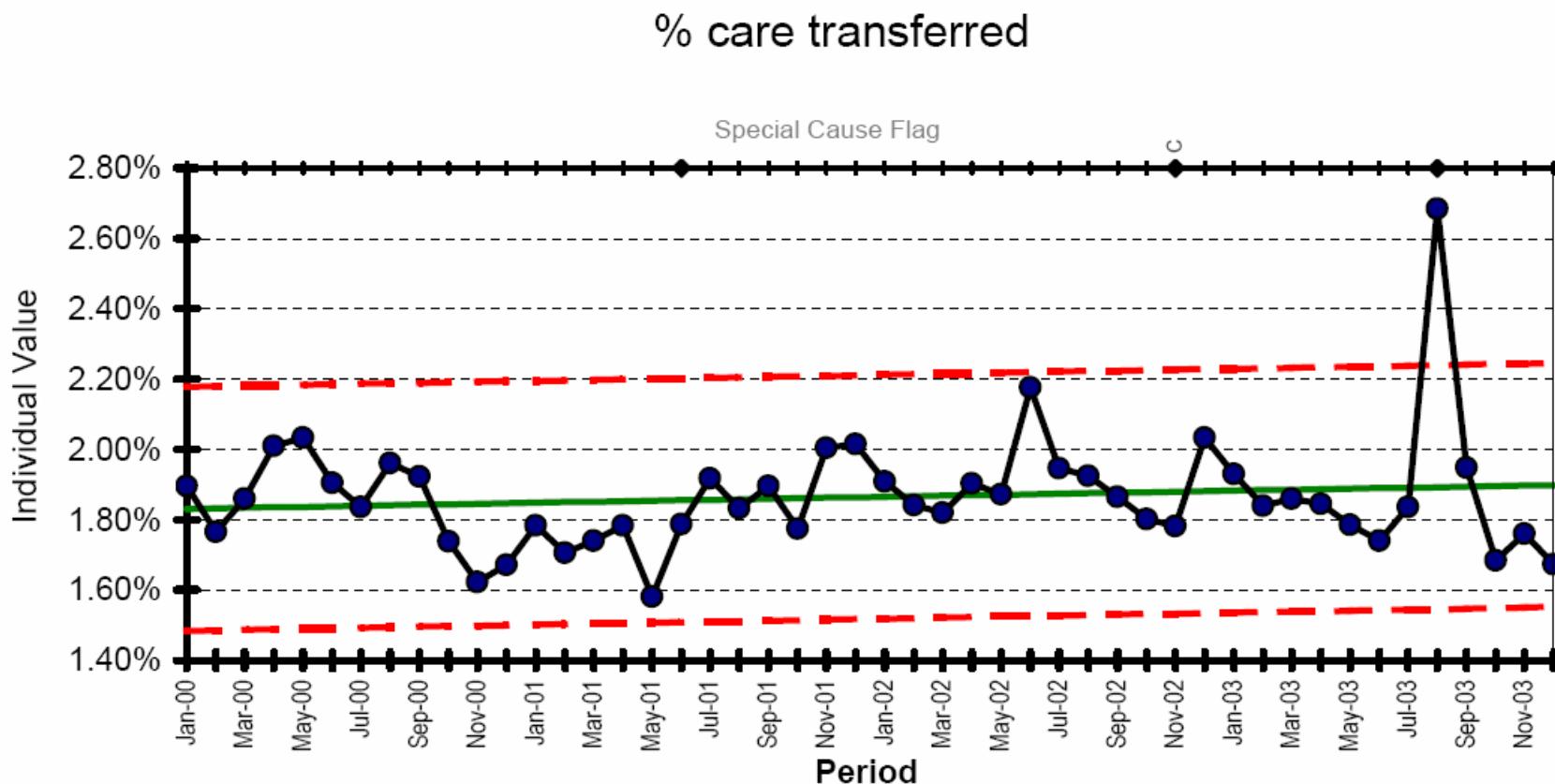
Special Cause(s) Detected	
Last Center Value	0.70917555
Last Data Value	0.72381644
Sigma for Limits	0.006711
Base for Limits	Average MR

Chart Type: Linear Trend
 Slope = -0.0004826 per period Annualized Slope = -0.005792 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.000
 Slope/Center = -0.06806% Slope/Sigma = -0.07192 Center/Sigma = 105.7

Database Column 15

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



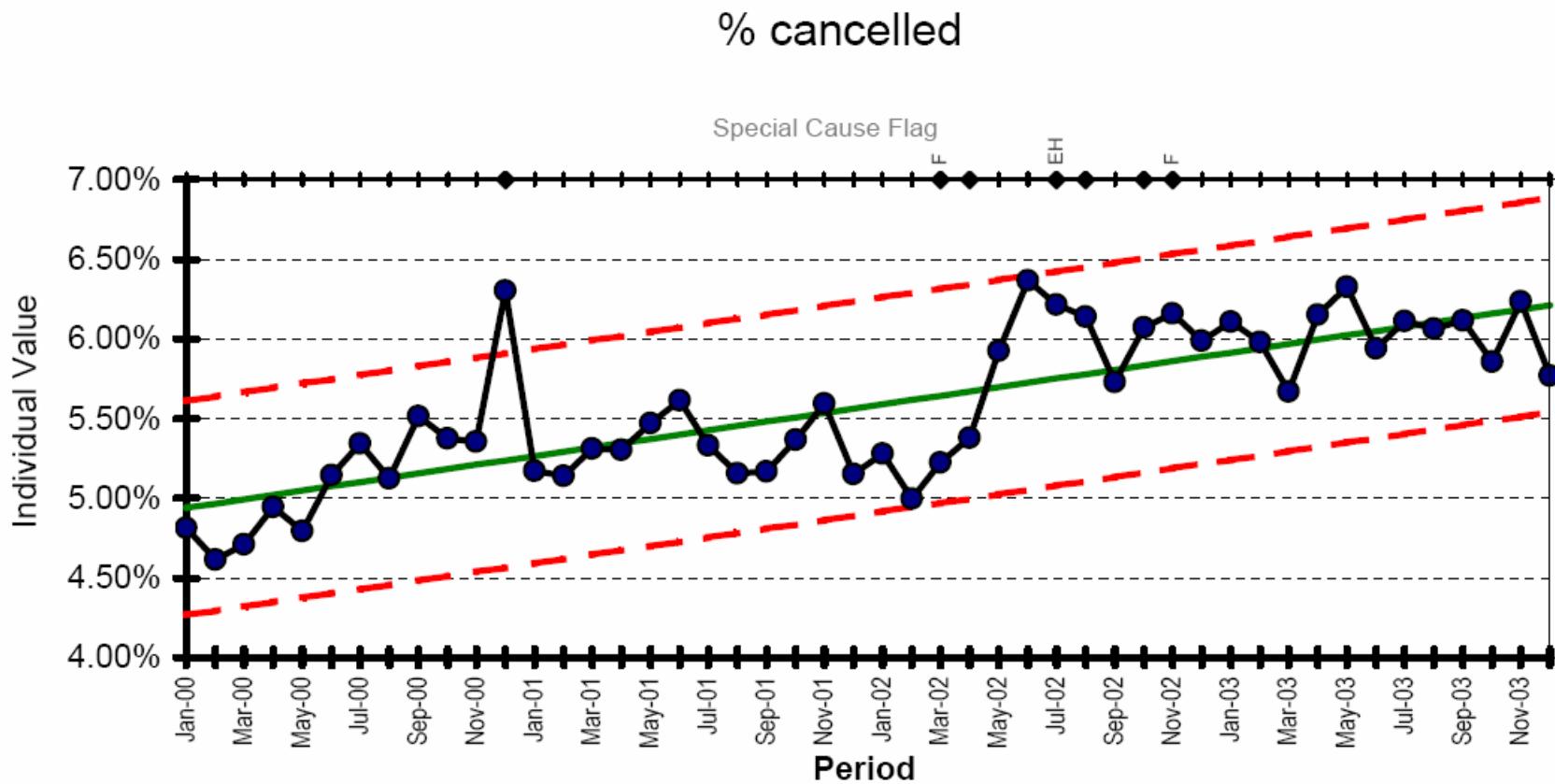
Special Cause(s) Detected

Last Center Value	0.0189817
Last Data Value	0.01673931
Sigma for Limits	0.001156
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.00001432 per period	Annualized Slope = 0.0001718 per year	Database Column 16
A. 1 Beyond Control Limit		
B. 9 On One Side of Average		
C. 6 Trending Up or Down		
D. 14 Alternating Up & Down		
Current prob of no trend = 0.418		
Slope/Center = 0.07544% Slope/Sigma = 0.01239		
Center/Sigma = 16.42		



Special Cause(s) Detected

Last Center Value 0.06211596
 Last Data Value 0.05769464
 Sigma for Limits 0.002242
 Base for Limits Average MR

Chart Type: Linear Trend

Slope = 0.0002709 per period Annualized Slope = 0.003251 per year

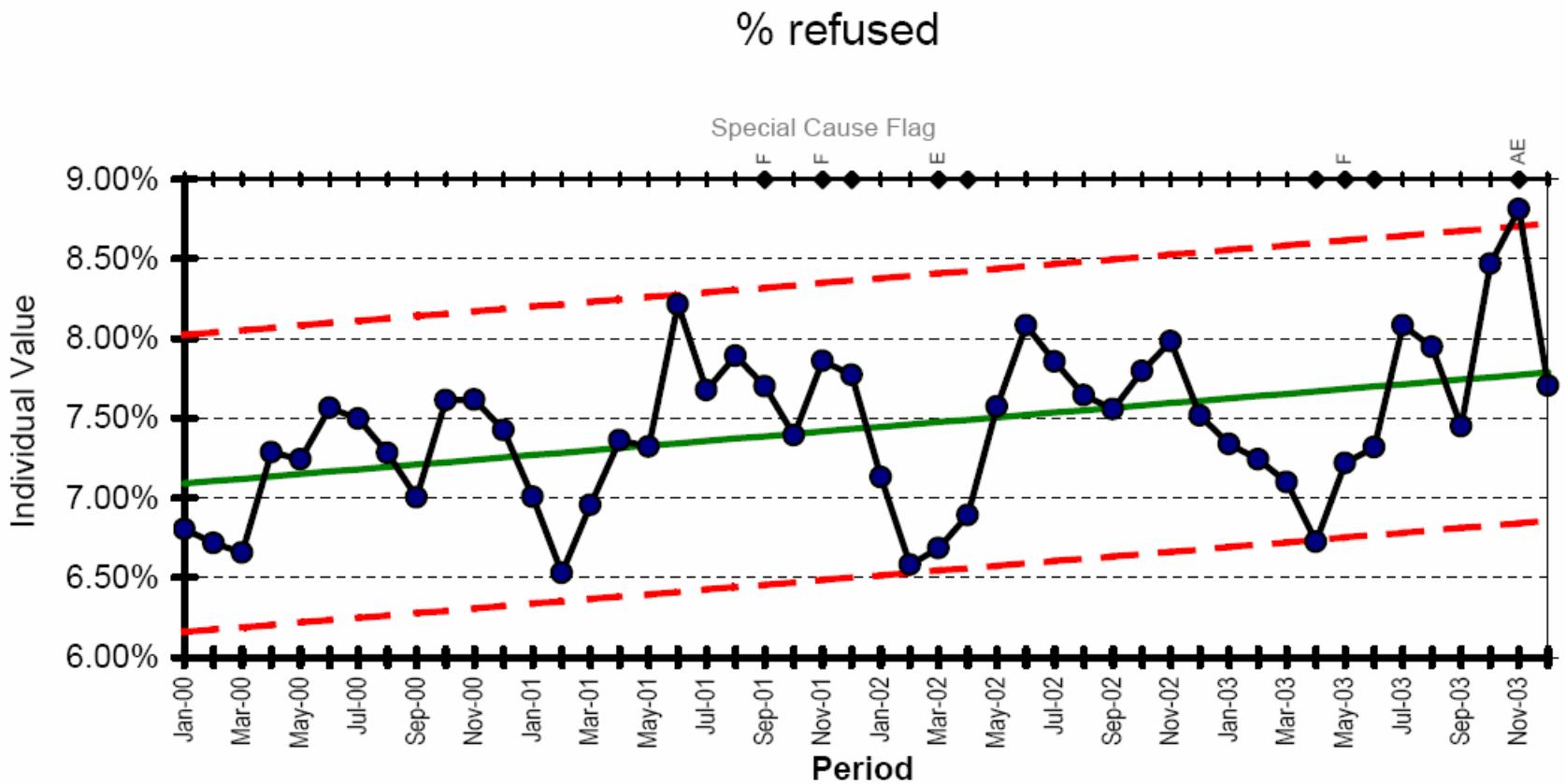
17

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

Slope/Center = 0.4361% Slope/Sigma = 0.1208

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Center/Sigma = 27.70



Special Cause(s) Detected

Last Center Value 0.07788383
 Last Data Value 0.07703717
 Sigma for Limits 0.003108
 Base for Limits Average MR

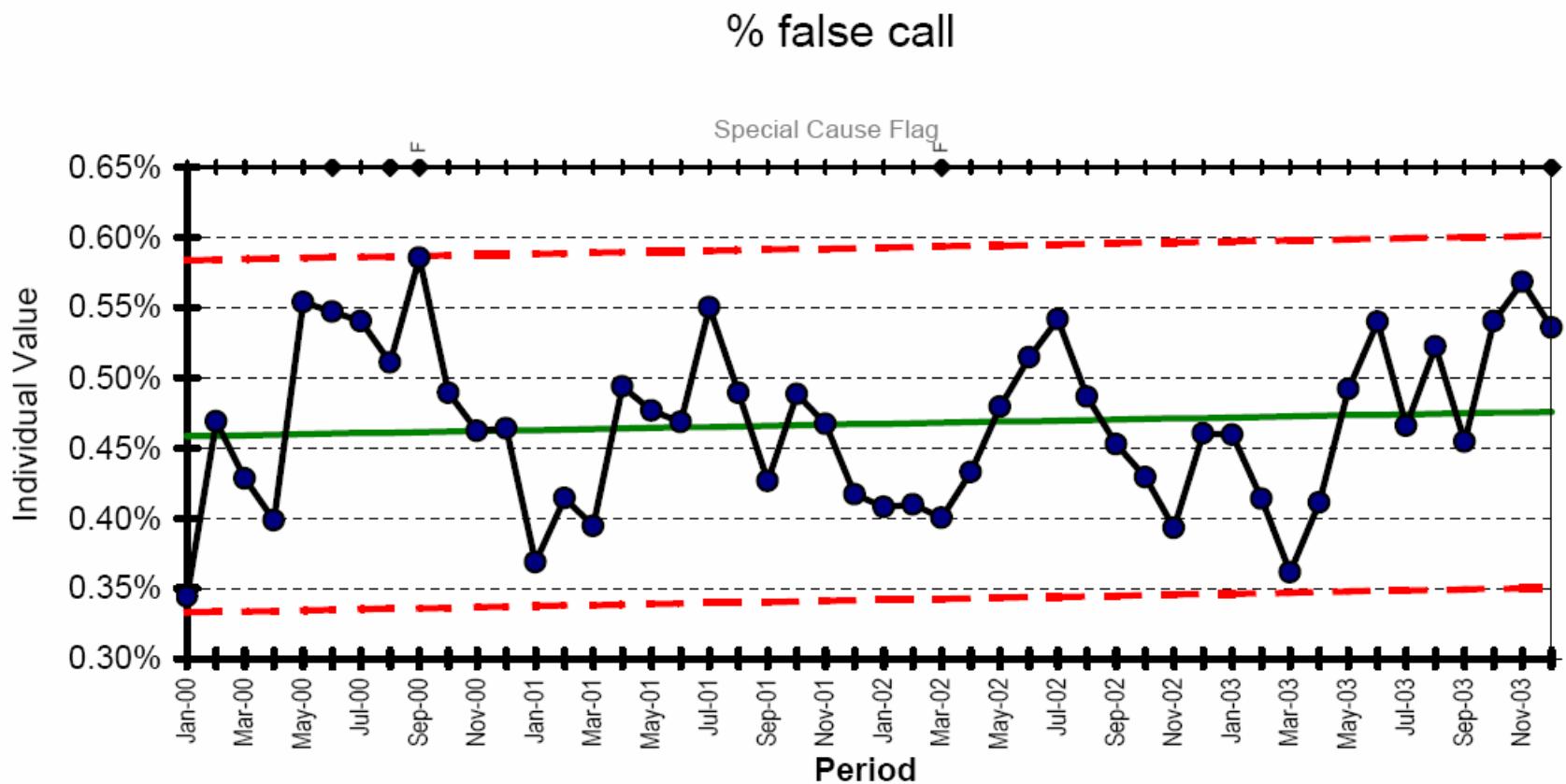
Chart Type: Linear Trend

Slope = 0.0001483 per period Annualized Slope = 0.001779 per year Database Column 18

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.003
 Slope/Center = 0.1904% Slope/Sigma = 0.04771 Center/Sigma = 25.06

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data



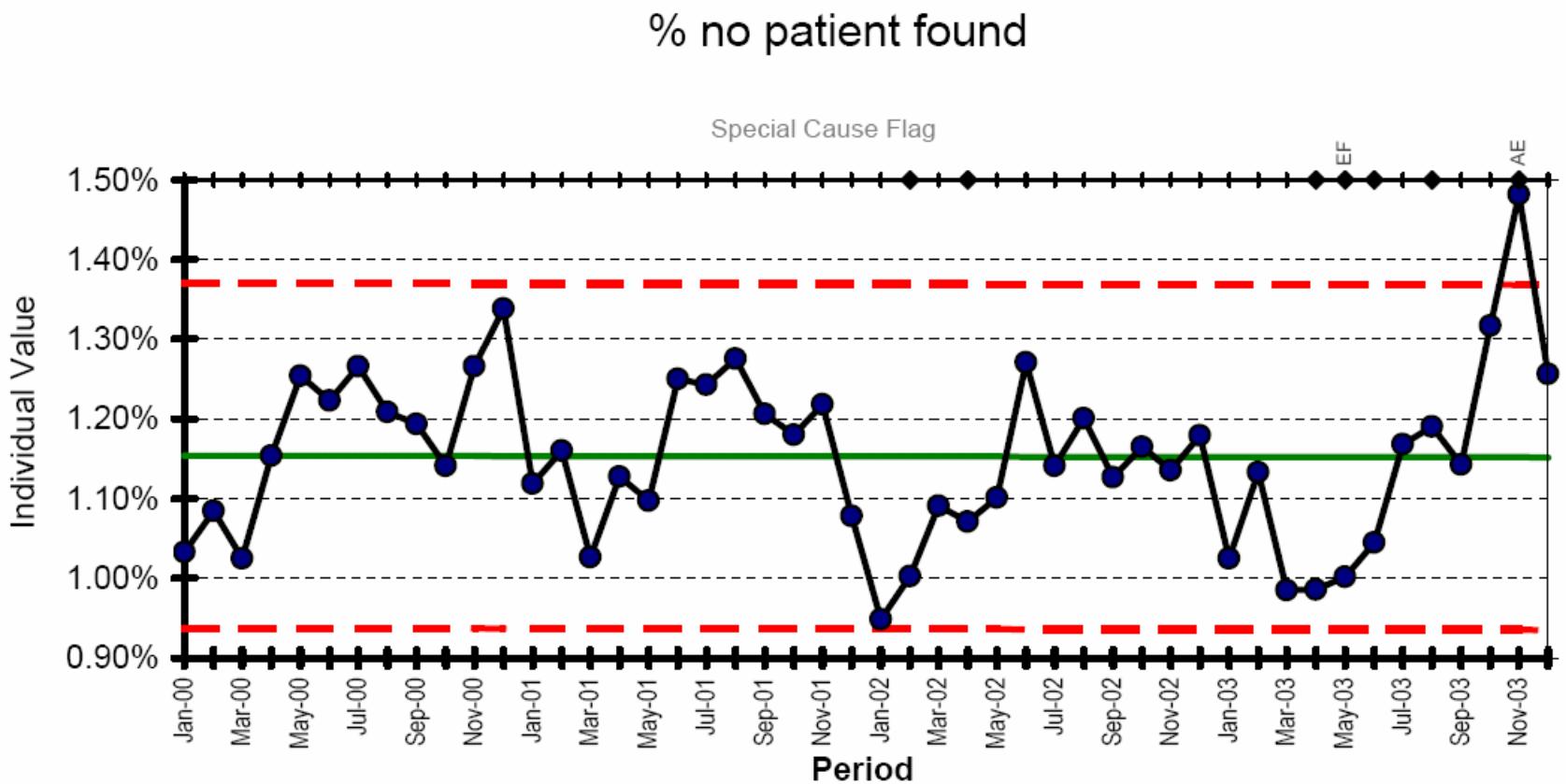
Special Cause(s) Detected

Last Center Value	0.00475793
Last Data Value	0.00535779
Sigma for Limits	0.0004182
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.000003713 per period	Annualized Slope = 0.00004456 per year	Database Column 19
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.550		X. Excluded or Missing Data
Slope/Center = 0.07804%	Slope/Sigma = 0.008878	Center/Sigma = 11.38



Special Cause(s) Detected

Last Center Value 0.01151814
 Last Data Value 0.01256205
 Sigma for Limits 0.0007214
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

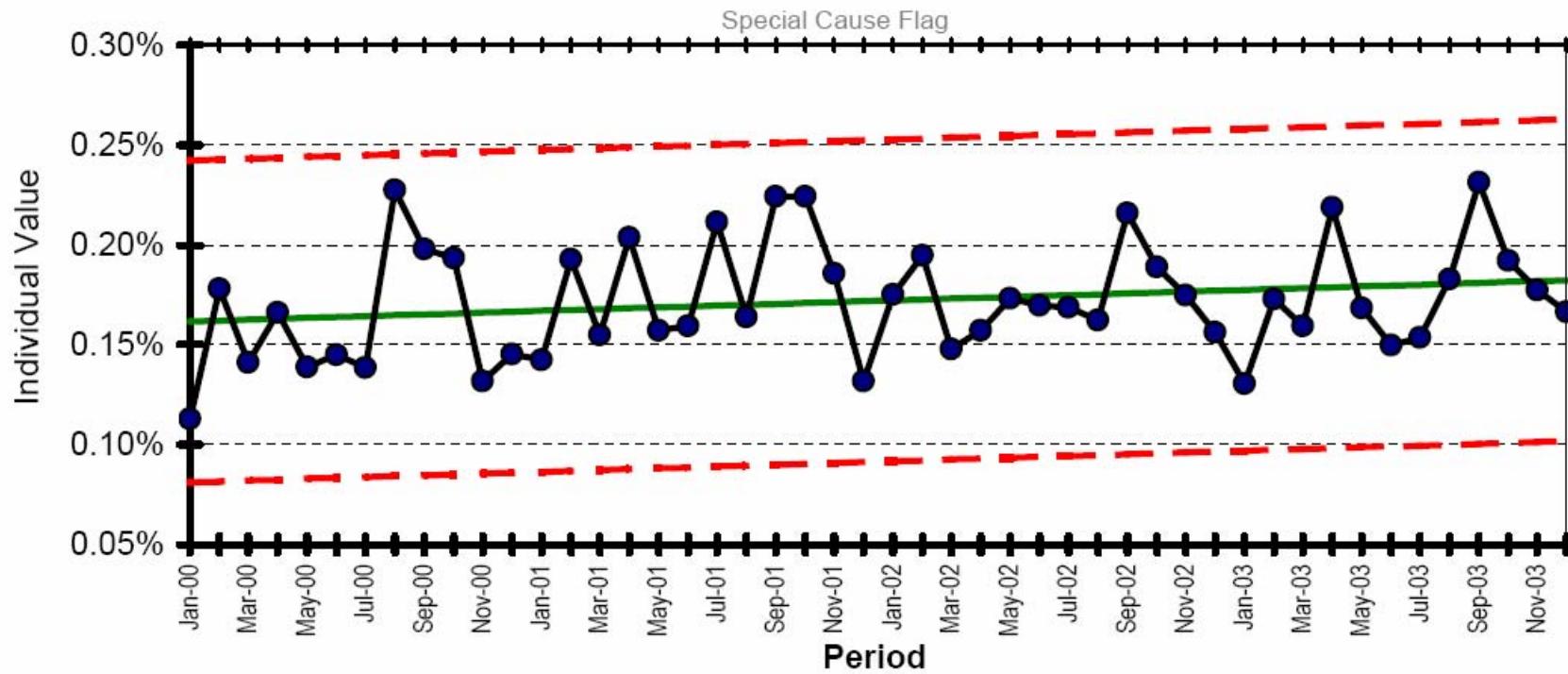
Slope = -0.0000004420 per period Annualized Slope = -0.000005304 per year 20

- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.969
- Slope/Center = -0.003837% Slope/Sigma = -0.0006127 Center/Sigma = 15.97

Database Column

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% P.O.V.



No Special Cause Detected

Last Center Value	0.00182315
Last Data Value	0.00166485
Sigma for Limits	0.0002685
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

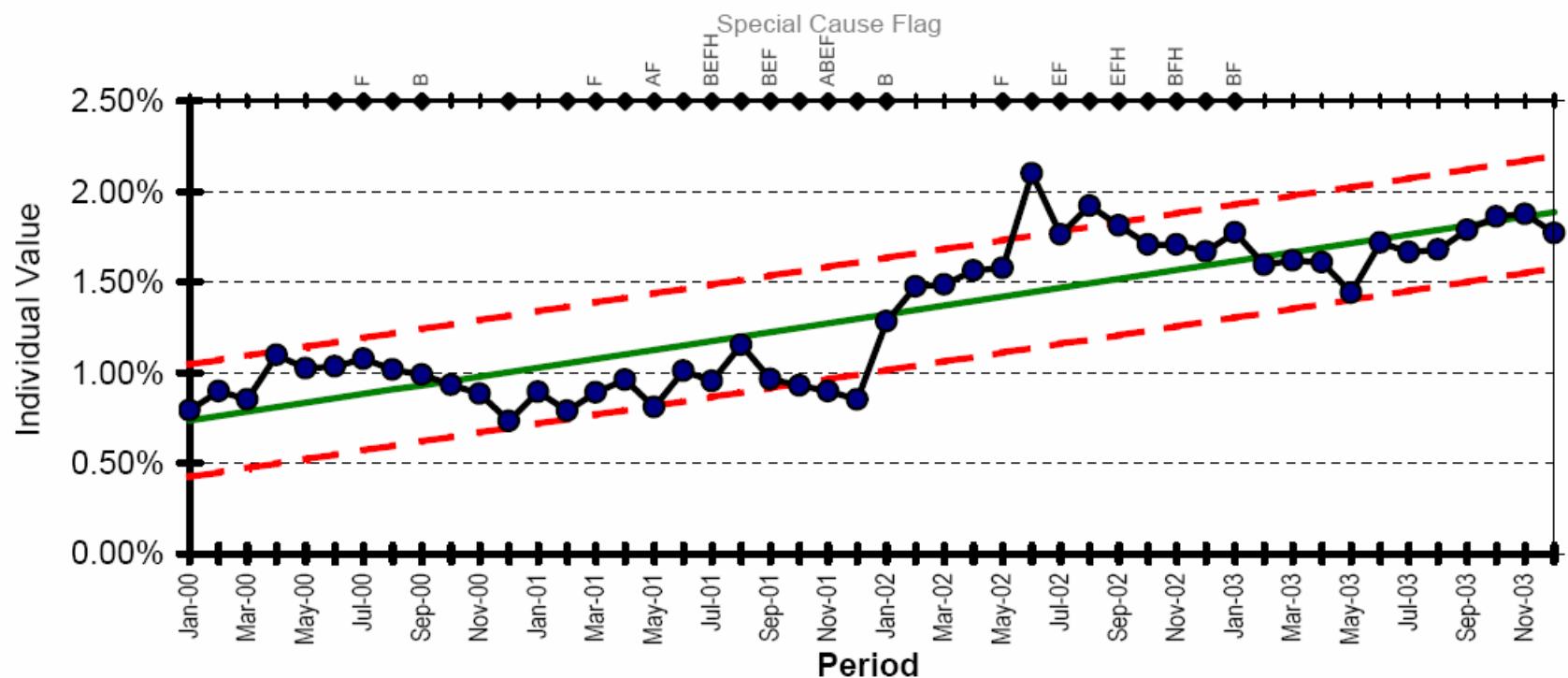
Slope = 0.000004381 per period Annualized Slope = 0.00005258 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.145
 Slope/Center = 0.2403% Slope/Sigma = 0.01632
 Center/Sigma = 6.790

Database Column

21

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% treated/not transported



Special Cause(s) Detected

Last Center Value	0.01885627
Last Data Value	0.01770795
Sigma for Limits	0.001035
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0002448 per period Annualized Slope = 0.002938 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

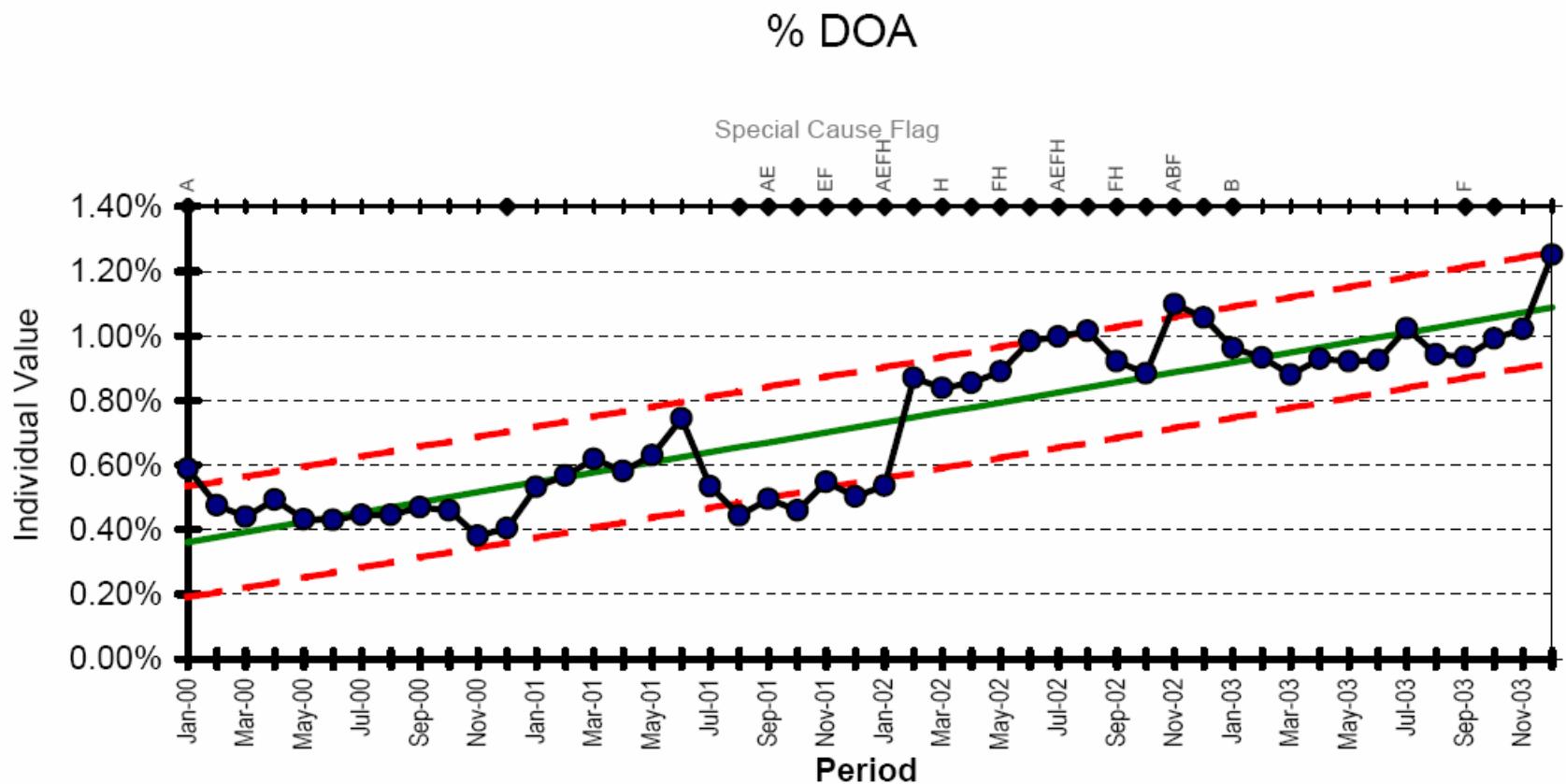
Current prob of no trend = 0.000

Slope/Center = 1.298% Slope/Sigma = 0.2365 Center/Sigma = 18.21

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Database Column

22



Special Cause(s) Detected

Last Center Value	0.01087245
Last Data Value	0.01250151
Sigma for Limits	0.0005723
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0001544 per period Annualized Slope = 0.001853 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

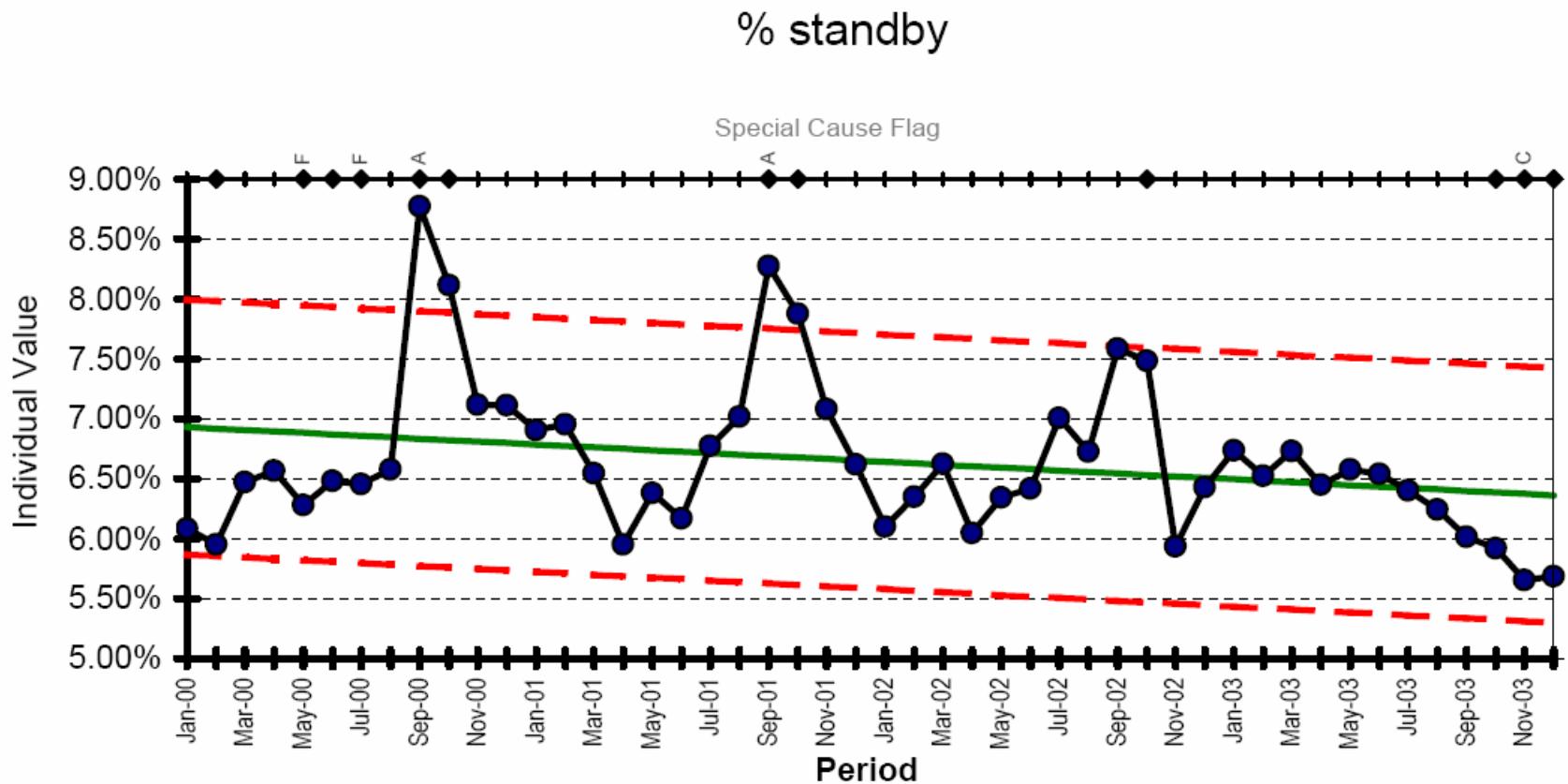
Current prob of no trend = 0.000

Slope/Center = 1.420% Slope/Sigma = 0.2697 Center/Sigma = 19.00

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Database Column

24



Special Cause(s) Detected	
Last Center Value	0.06360692
Last Data Value	0.05684708
Sigma for Limits	0.003544
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0001211 per period Annualized Slope = -0.001453 per year

Database Column

23

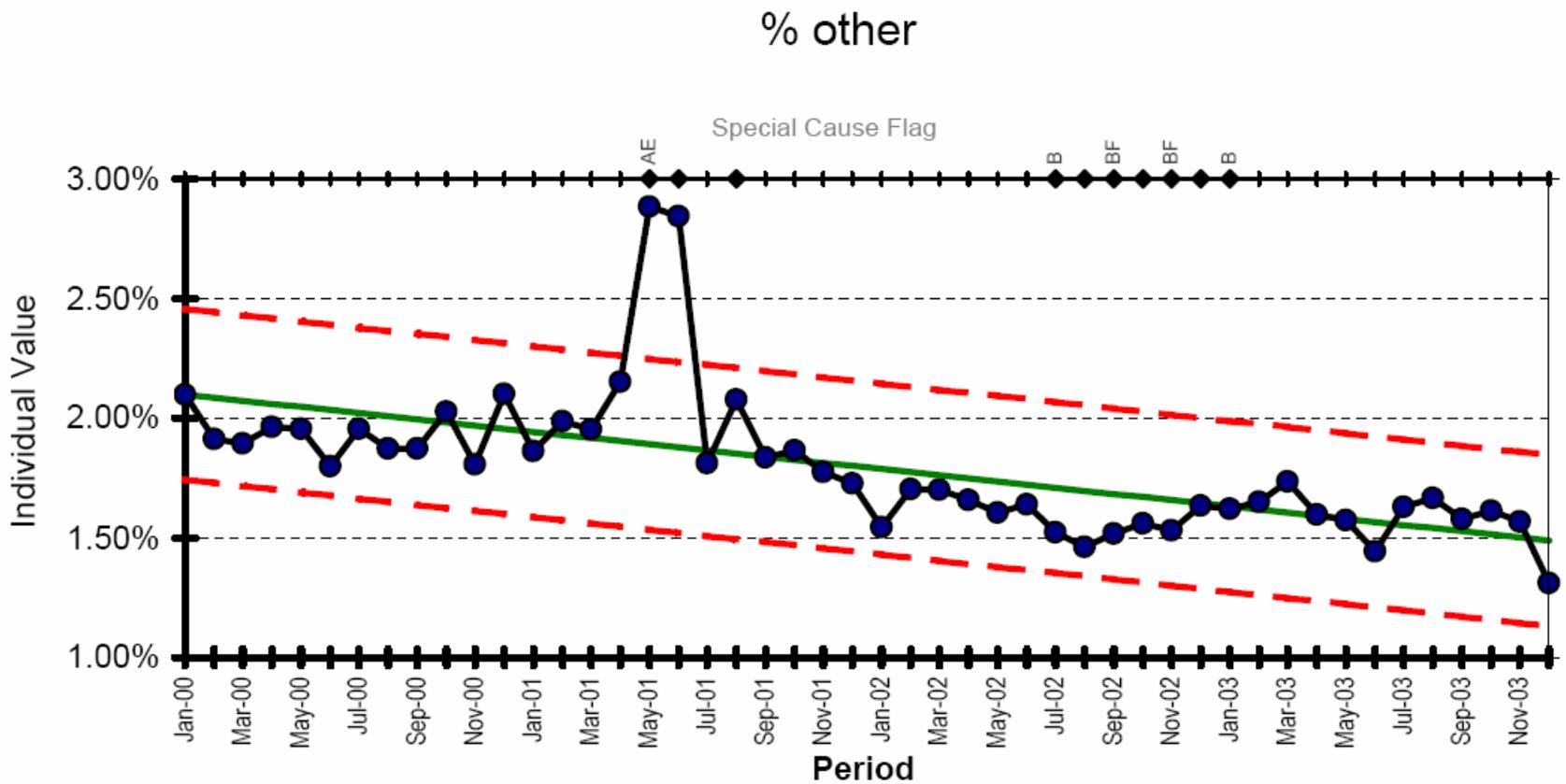
- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.074

Slope/Center = -0.1903% Slope/Sigma = -0.03416

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 17.95



Special Cause(s) Detected

Last Center Value	0.01488115
Last Data Value	0.01310691
Sigma for Limits	0.001190
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0001299 per period Annualized Slope = -0.001558 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -0.8726% Slope/Sigma = -0.1091 Center/Sigma = 12.50

Database Column

25

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

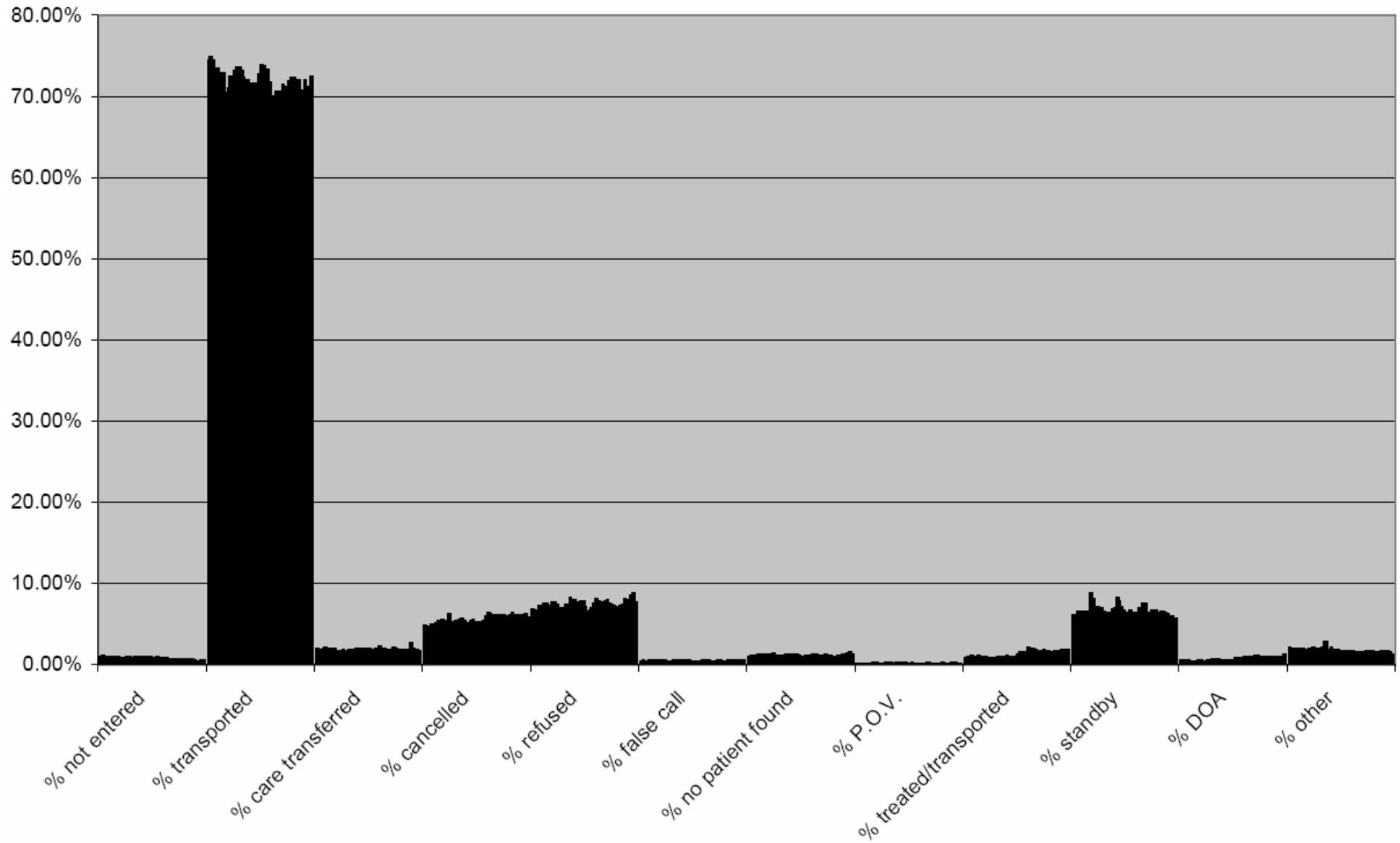
RESPONSE OUTCOME

Relative numbers

„Putting it all together“

- Not entered
- Transported
- Care transferred
- Cancelled
- Refused
- False call
- No patient found
- P.O.V.
- Treated/no transport
- Standby
- DOA
- Other

Response outcome

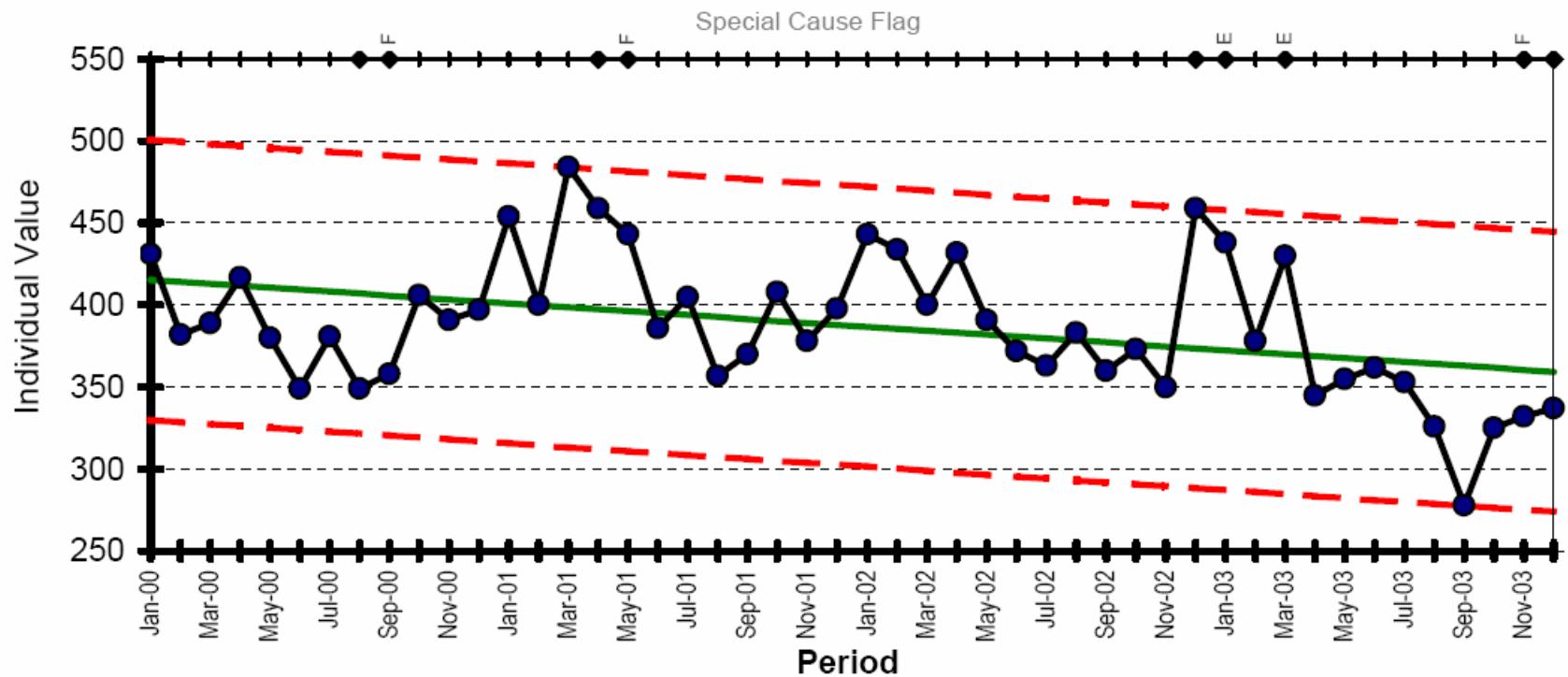


BYSTANDER CPR

Absolute numbers

- Not entered
- Yes
- No
- Unknown

Num cardiac arrests



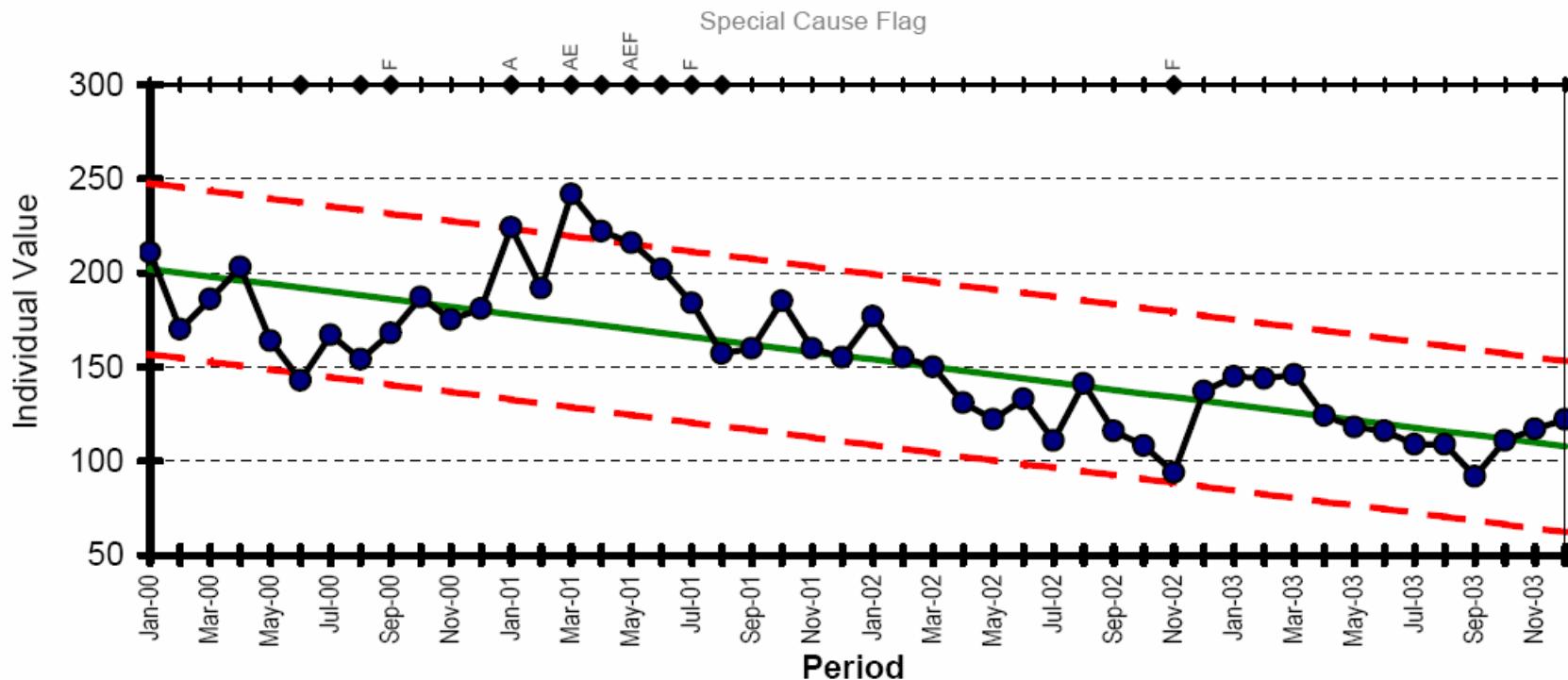
Special Cause(s) Detected

Last Center Value	359.311224
Last Data Value	337
Sigma for Limits	28.46
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -1.192 per period	Annualized Slope = -14.30 per year	Database Column 1
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.005		X. Excluded or Missing Data
Slope/Center = -0.3316%	Slope/Sigma = -0.04187	Center/Sigma = 12.63

Num not entered



Special Cause(s) Detected

Last Center Value	107.758503
Last Data Value	122
Sigma for Limits	15.15
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -2.007 per period Annualized Slope = -24.08 per year

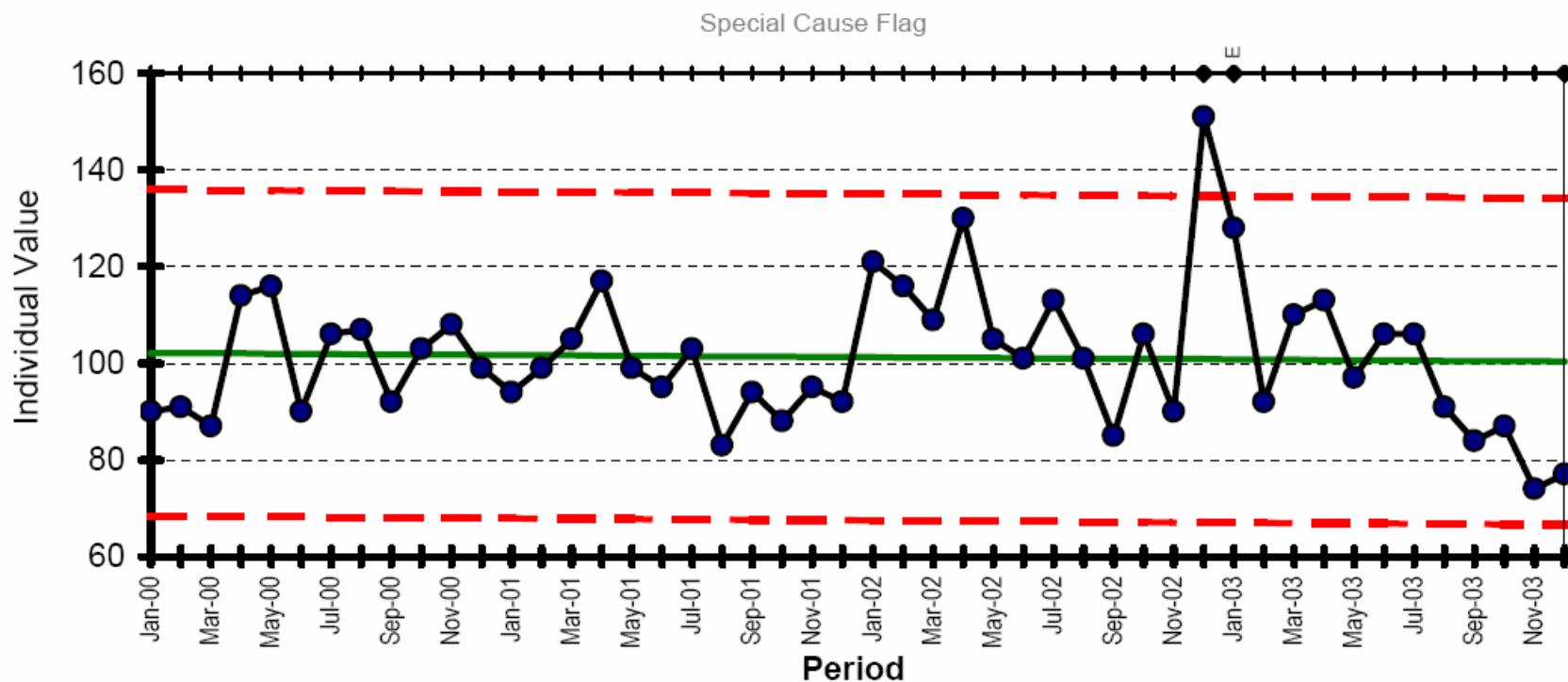
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.000
- Slope/Center = -1.862% Slope/Sigma = -0.1325 Center/Sigma = 7.115

Database Column

2

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num Yes



Special Cause(s) Detected

Last Center Value	100.375
Last Data Value	77
Sigma for Limits	11.26
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

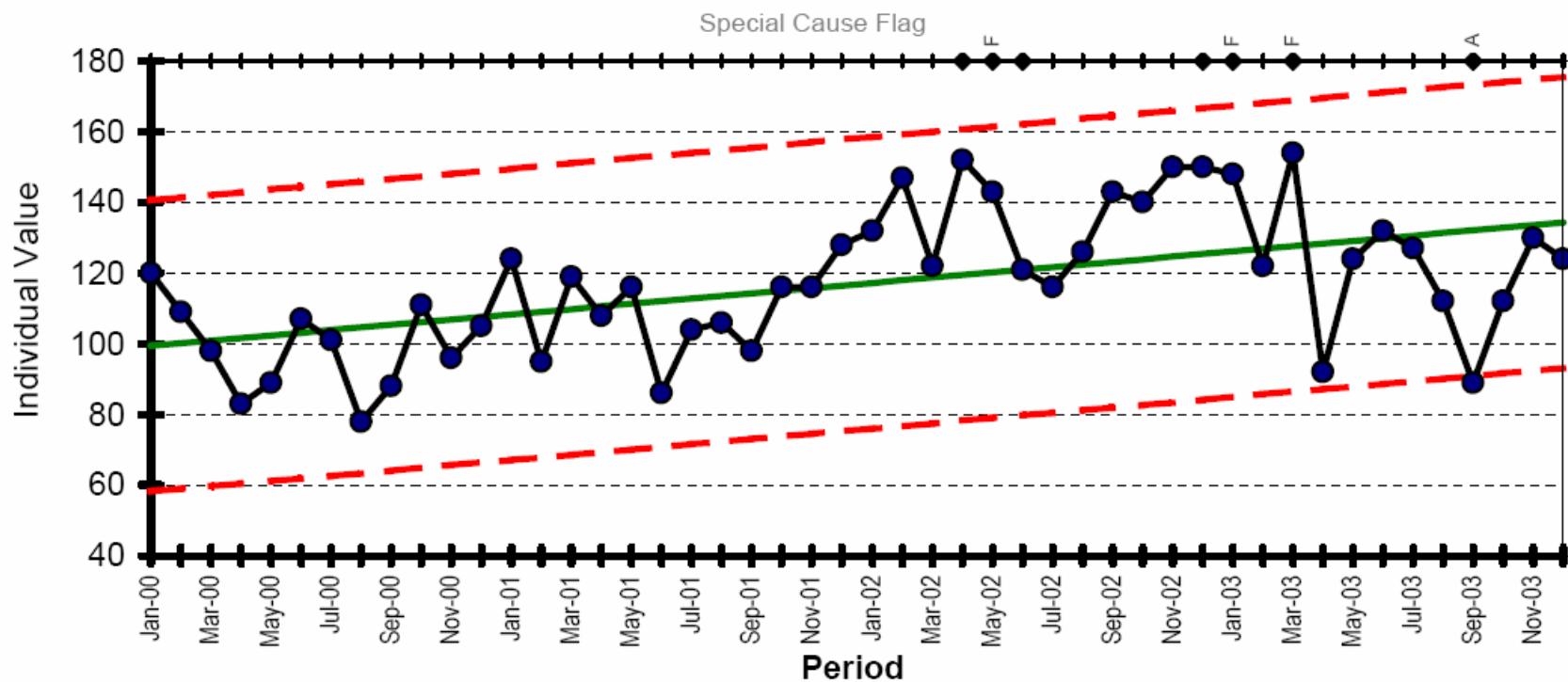
Slope = -0.03723 per period Annualized Slope = -0.4468 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.807
 Slope/Center = -0.03709% Slope/Sigma = -0.003307 Center/Sigma = 8.913

Database Column

3

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num No



Special Cause(s) Detected

Last Center Value	134.304422
Last Data Value	124
Sigma for Limits	13.75
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.7426 per period Annualized Slope = 8.911 per year

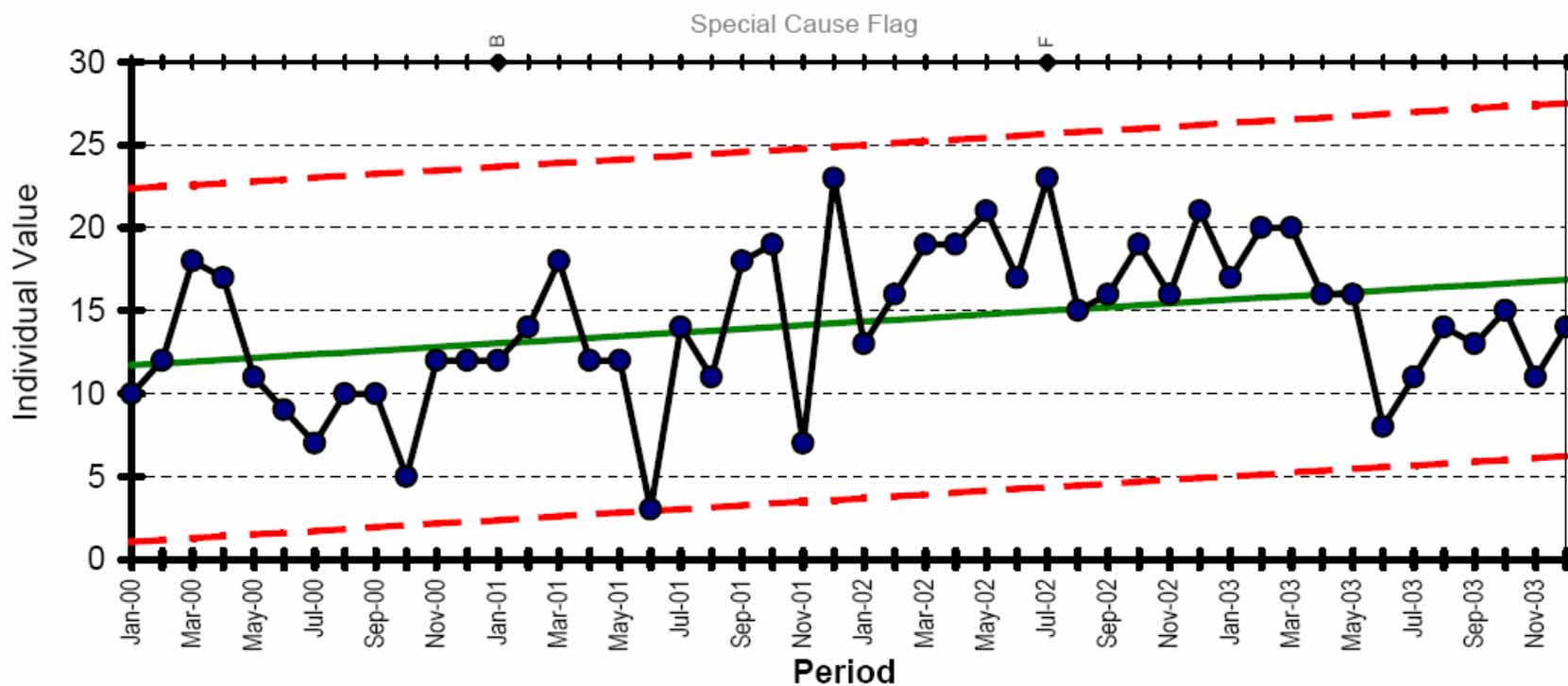
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.000
- Slope/Center = 0.5529% Slope/Sigma = 0.05400 Center/Sigma = 9.771

Database Column

4

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num unknown



Special Cause(s) Detected

Last Center Value	16.8732993
Last Data Value	14
Sigma for Limits	3.552
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.1099 per period Annualized Slope = 1.318 per year

- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.020
- Slope/Center = 0.6511% Slope/Sigma = 0.03093 Center/Sigma = 4.750

Database Column

5

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

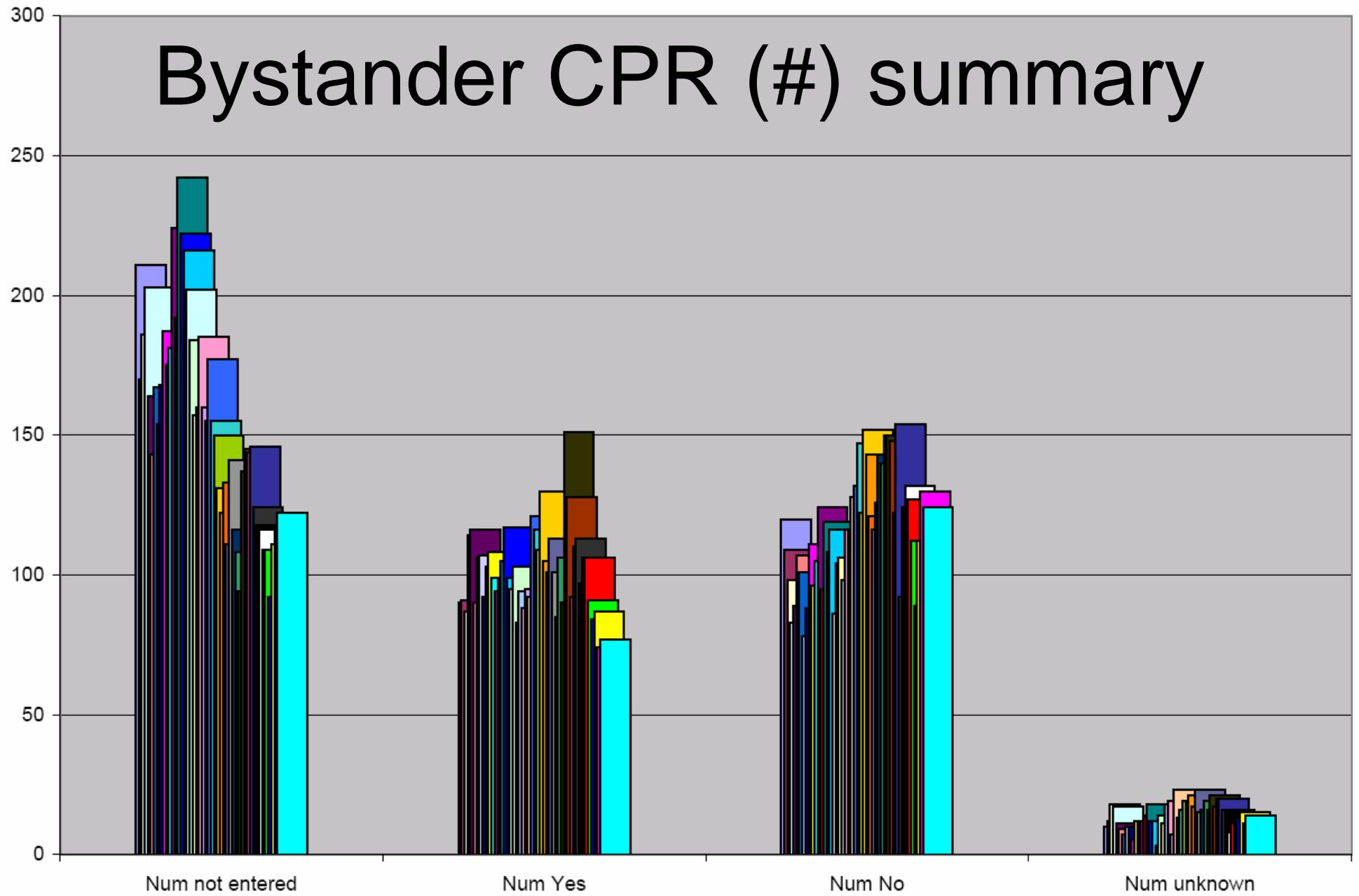
BYSTANDER CPR

Absolute numbers

„Putting it all together“

- Not entered
- Yes
- No
- Unknown

Bystander CPR (#) summary

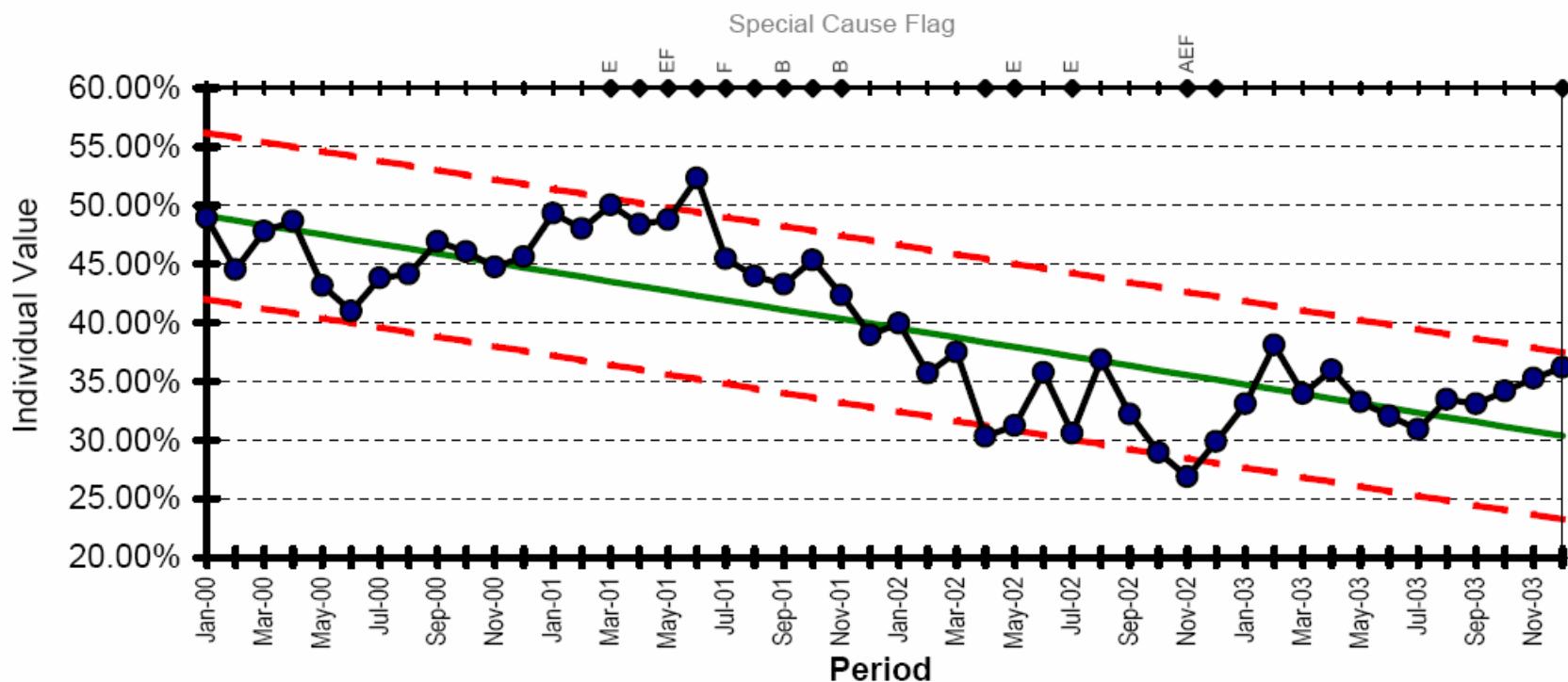


BYSTANDER CPR

Relative numbers

- Not entered
- Yes
- No
- Unknown

% not entered



Special Cause(s) Detected

Last Center Value	0.30345503
Last Data Value	0.3620178
Sigma for Limits	0.02368
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.003989 per period Annualized Slope = -0.04787 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

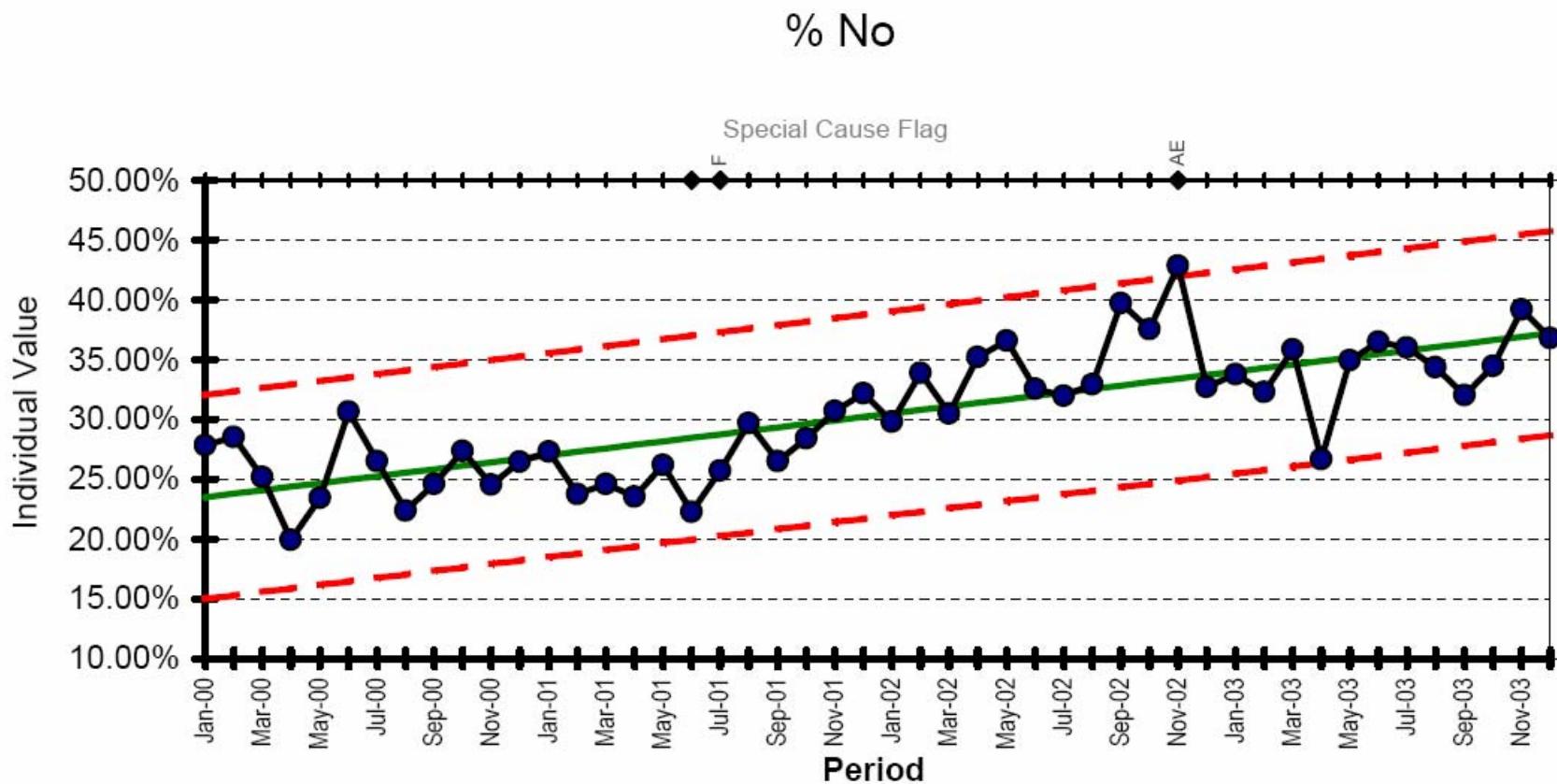
Current prob of no trend = 0.000

Slope/Center = -1.315% Slope/Sigma = -0.1685 Center/Sigma = 12.82

Database Column

6

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data



Special Cause(s) Detected

Last Center Value	0.37203482
Last Data Value	0.36795252
Sigma for Limits	0.02844
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.002915 per period Annualized Slope = 0.03498 per year

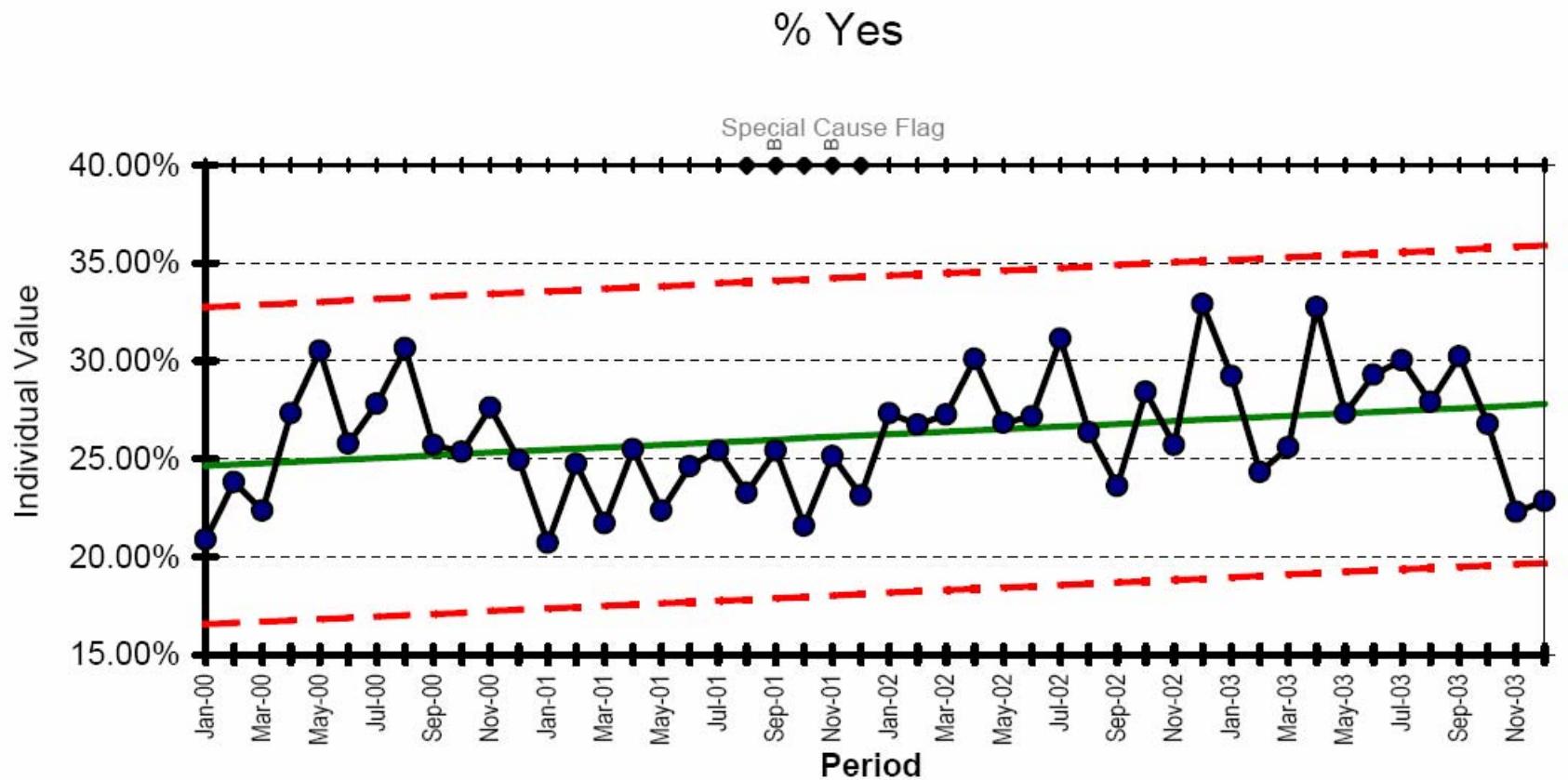
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = 0.7836% Slope/Sigma = 0.1025 Center/Sigma = 13.08

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

8

Database Column



Special Cause(s) Detected

Last Center Value	0.27790508
Last Data Value	0.22848665
Sigma for Limits	0.02701
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.0006695 per period Annualized Slope = 0.008034 per year

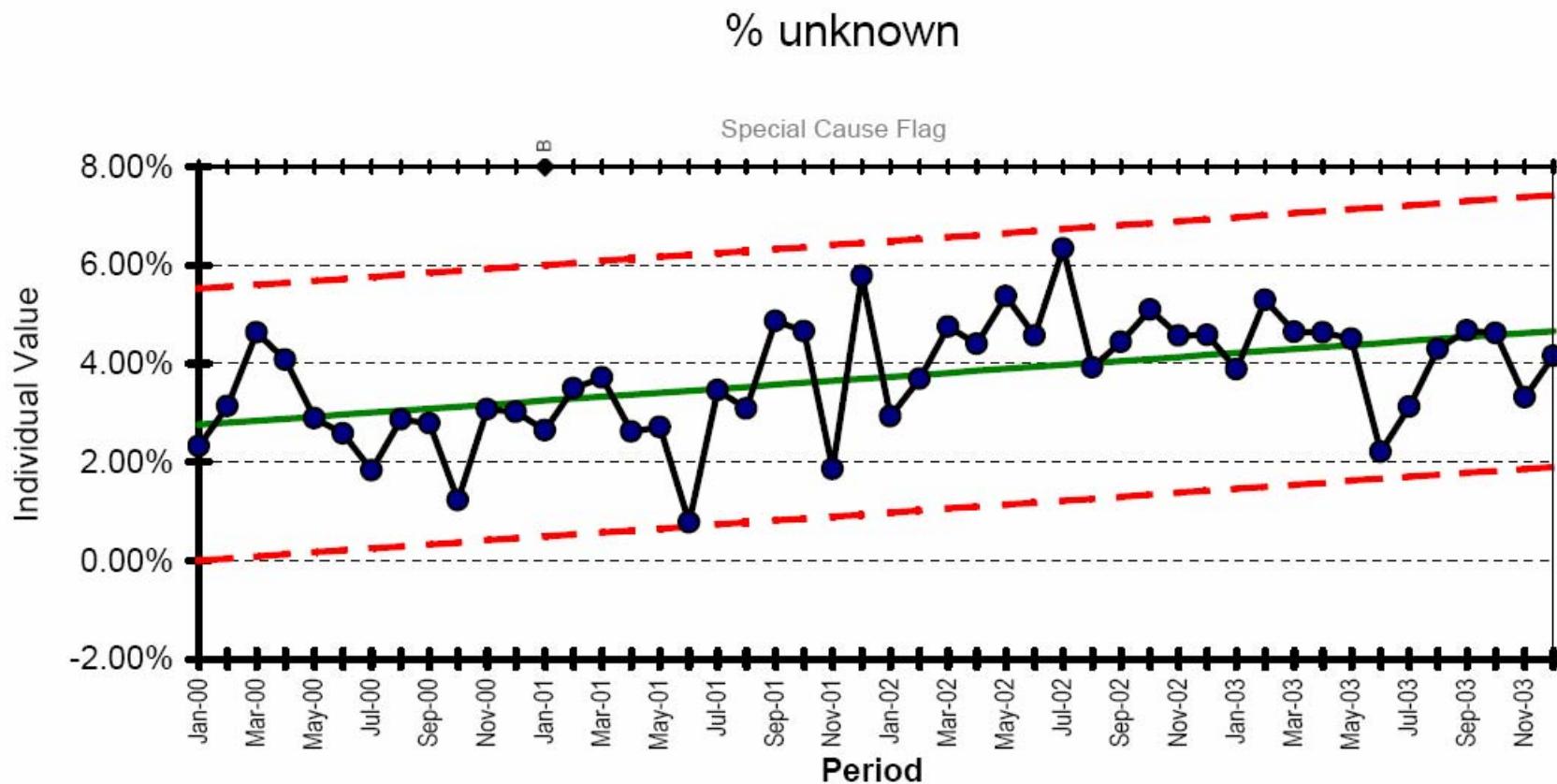
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.033
 Slope/Center = 0.2409% Slope/Sigma = 0.02479 Center/Sigma = 10.29

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

7

Database Column



Special Cause(s) Detected	
Last Center Value	0.04660508
Last Data Value	0.04154303
Sigma for Limits	0.009192
Base for Limits	Average MR

Chart Type: Linear Trend Database Column 9

Slope = 0.0004042 per period Annualized Slope = 0.004851 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Current prob of no trend = 0.001
 Slope/Center = 0.8674% Slope/Sigma = 0.04398 Center/Sigma = 5.070

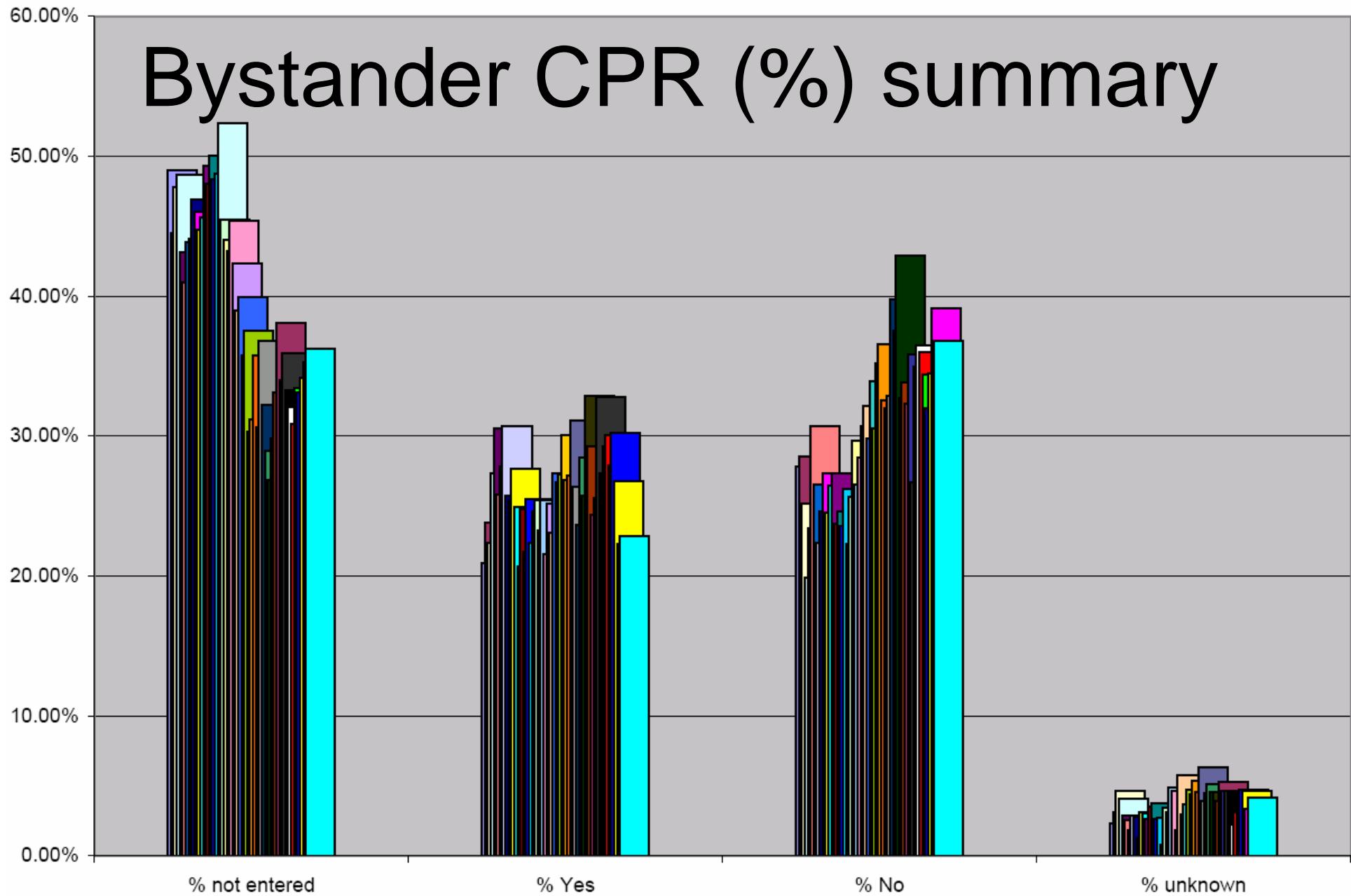
BYSTANDER CPR

Relative numbers

„Putting it all together“

- Not entered
- Yes
- No
- Unknown

Bystander CPR (%) summary



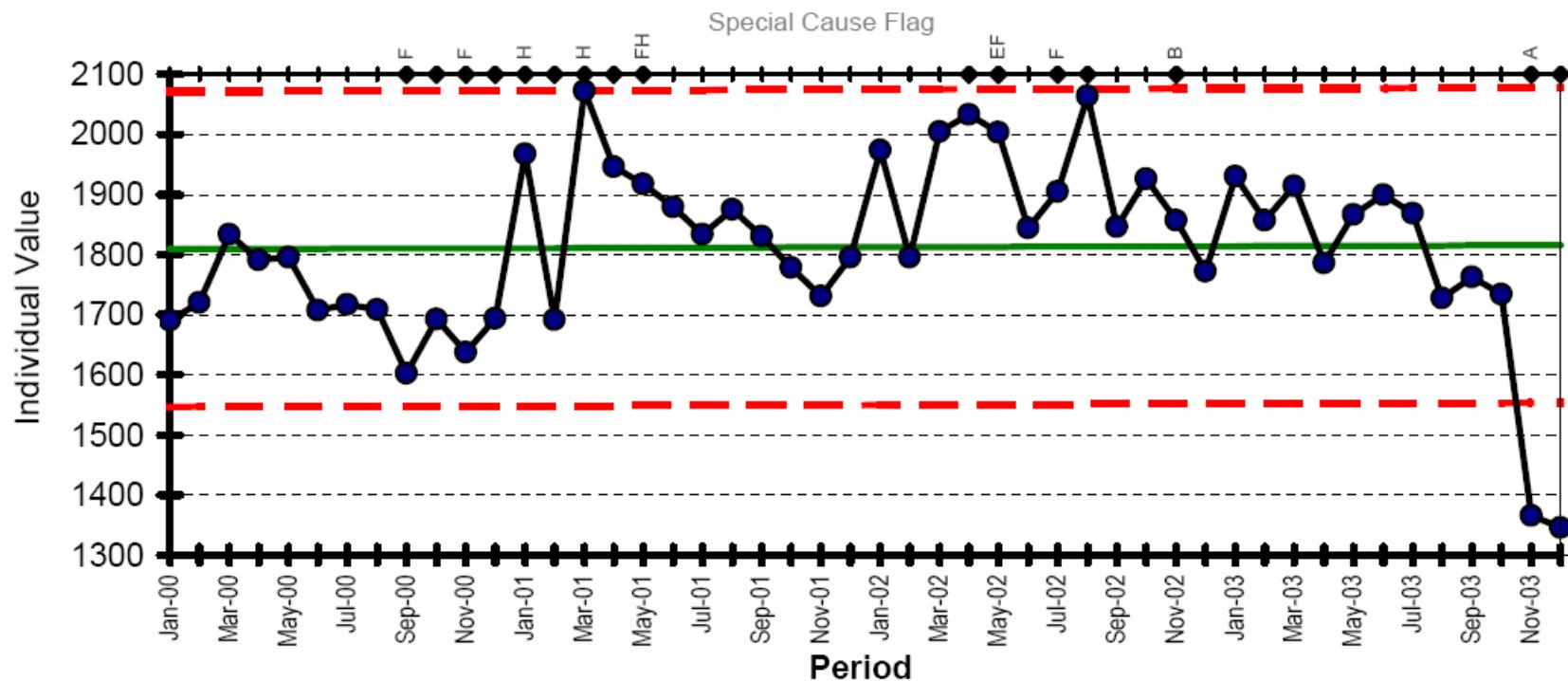
Performance

- On-scene times for possible cardiacs
- “EE” trauma response times
- Arrest interval reporting
- Time-to-shock

ON-SCENE TIME FOR POSSIBLE CARDIACS

- Num possible cardiacs
- % w/time-on-scene <15'
- % w/time-on-scene <20'
- % w/time-on-scene <25'
- % w/time-on-scene <30'

Num possible cardiacs



Special Cause(s) Detected

Last Center Value	1815.59184
Last Data Value	1346
Sigma for Limits	87.46
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.1395 per period Annualized Slope = 1.675 per year

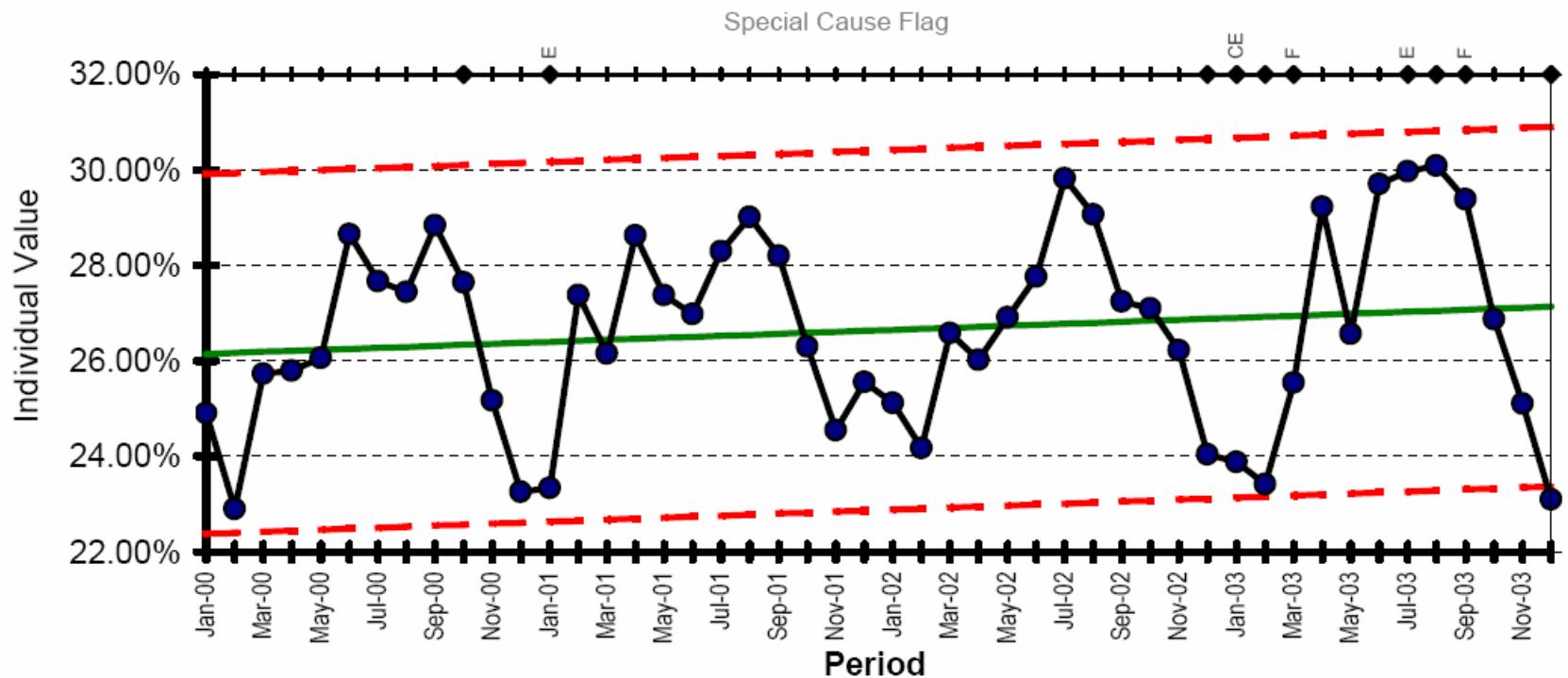
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.929
- Slope/Center = 0.007686% Slope/Sigma = 0.001596 Center/Sigma = 20.76

Database Column

1

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% possible cardiacs w/time-on-scene <15'



Special Cause(s) Detected

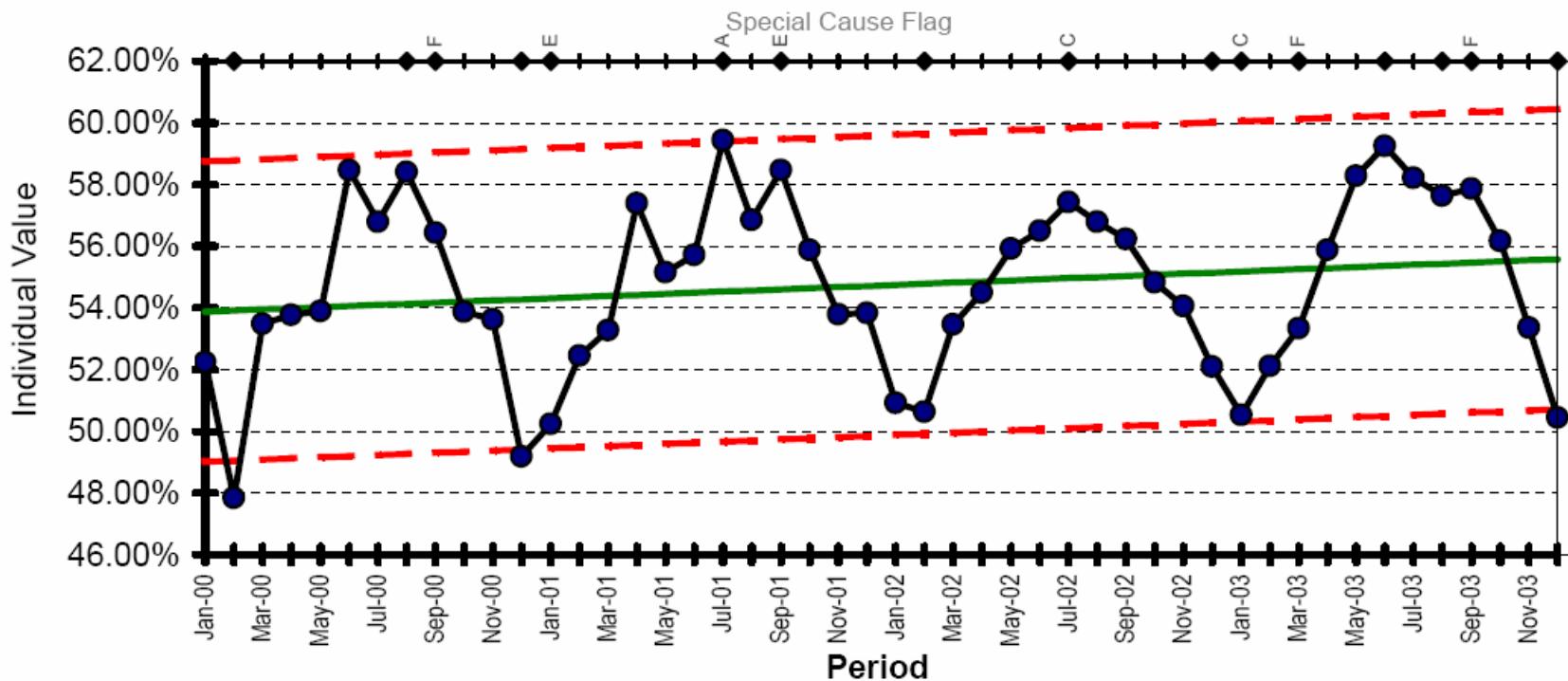
Last Center Value	0.27135769
Last Data Value	0.23105498
Sigma for Limits	0.01255
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.0002101 per period	Annualized Slope = 0.002522 per year	Database Column 3
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.322		X. Excluded or Missing Data
Slope/Center = 0.07744%	Slope/Sigma = 0.01674	Center/Sigma = 21.63

% possible cardiacs w/time-on-scene <20'



Special Cause(s) Detected

Last Center Value 0.55576988
 Last Data Value 0.50445765
 Sigma for Limits 0.01623
 Base for Limits Average MR

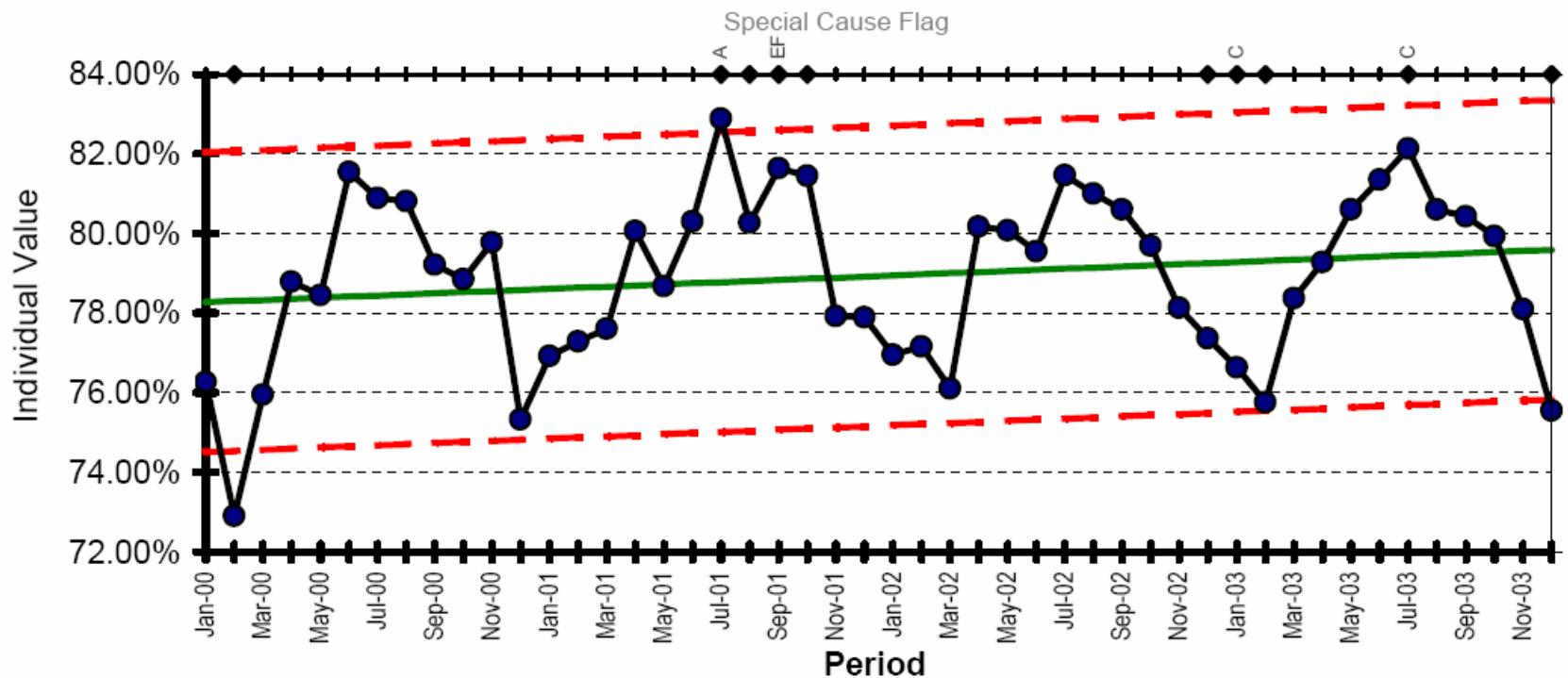
There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.0003612 per period Annualized Slope = 0.004334 per year
 A. 1 Beyond Control Limit E. 2 of 3 Beyond 2 Sigma
 B. 9 On One Side of Average F. 4 of 5 Beyond 1 Sigma
 C. 6 Trending Up or Down G. 15 Within 1 Sigma
 D. 14 Alternating Up & Down H. 8 Outside 1 Sigma
 X. Excluded or Missing Data
 Current prob of no trend = 0.224 Slope/Center = 0.06499% Slope/Sigma = 0.02225 Center/Sigma = 34.25

4

% possible cardiacs w/time-on-scene <25'



Special Cause(s) Detected

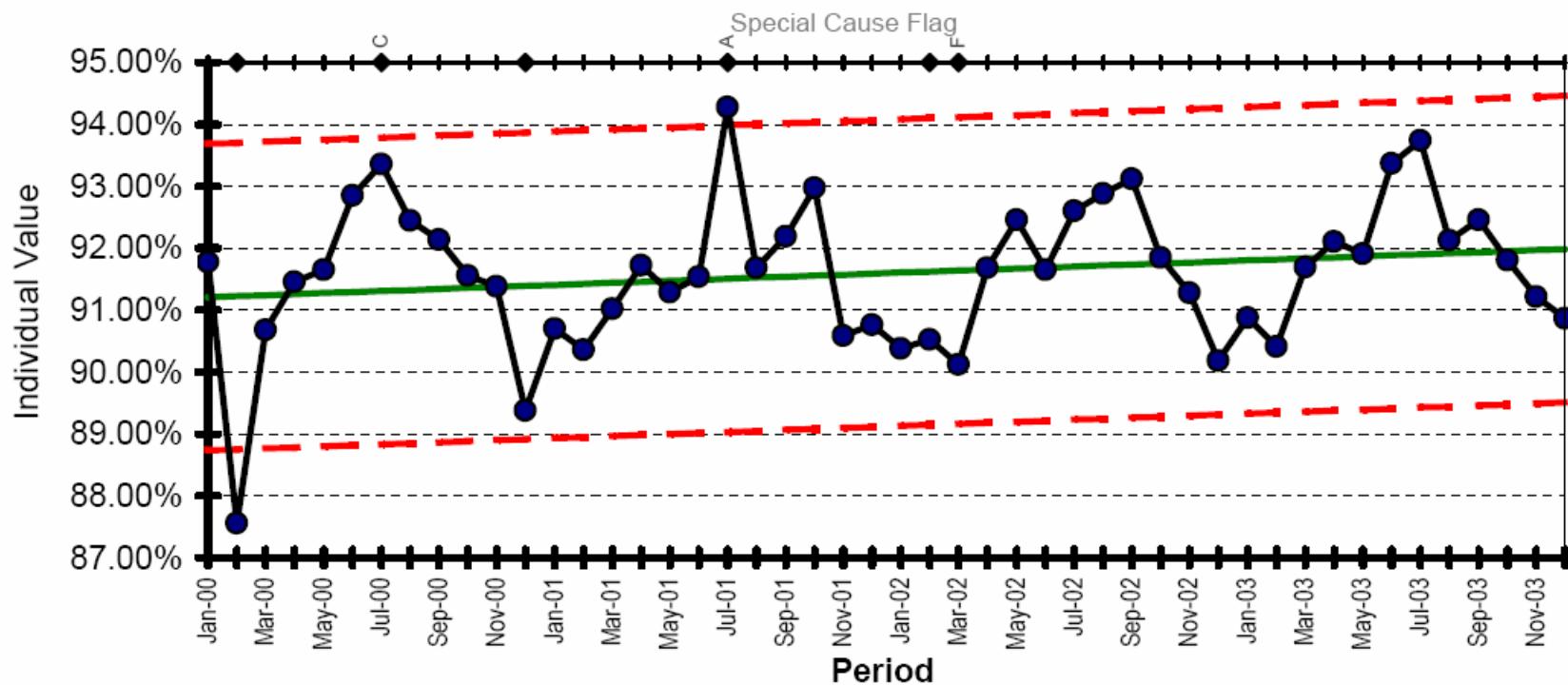
Last Center Value	0.79592104
Last Data Value	0.75557207
Sigma for Limits	0.01254
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.0002800 per period	Annualized Slope = 0.003360 per year	Database Column 5
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.211		X. Excluded or Missing Data
Slope/Center = 0.03518%	Slope/Sigma = 0.02233	Center/Sigma = 63.46

% possible cardiacs w/time-on-scene <30'



Special Cause(s) Detected

Last Center Value 0.91984333
 Last Data Value 0.90861813
 Sigma for Limits 0.008254
 Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 0.0001650 per period Annualized Slope = 0.001980 per year
 A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down
 Current prob of no trend = 0.185
 Slope/Center = 0.01794% Slope/Sigma = 0.01999
 Center/Sigma = 111.4

Database Column

6

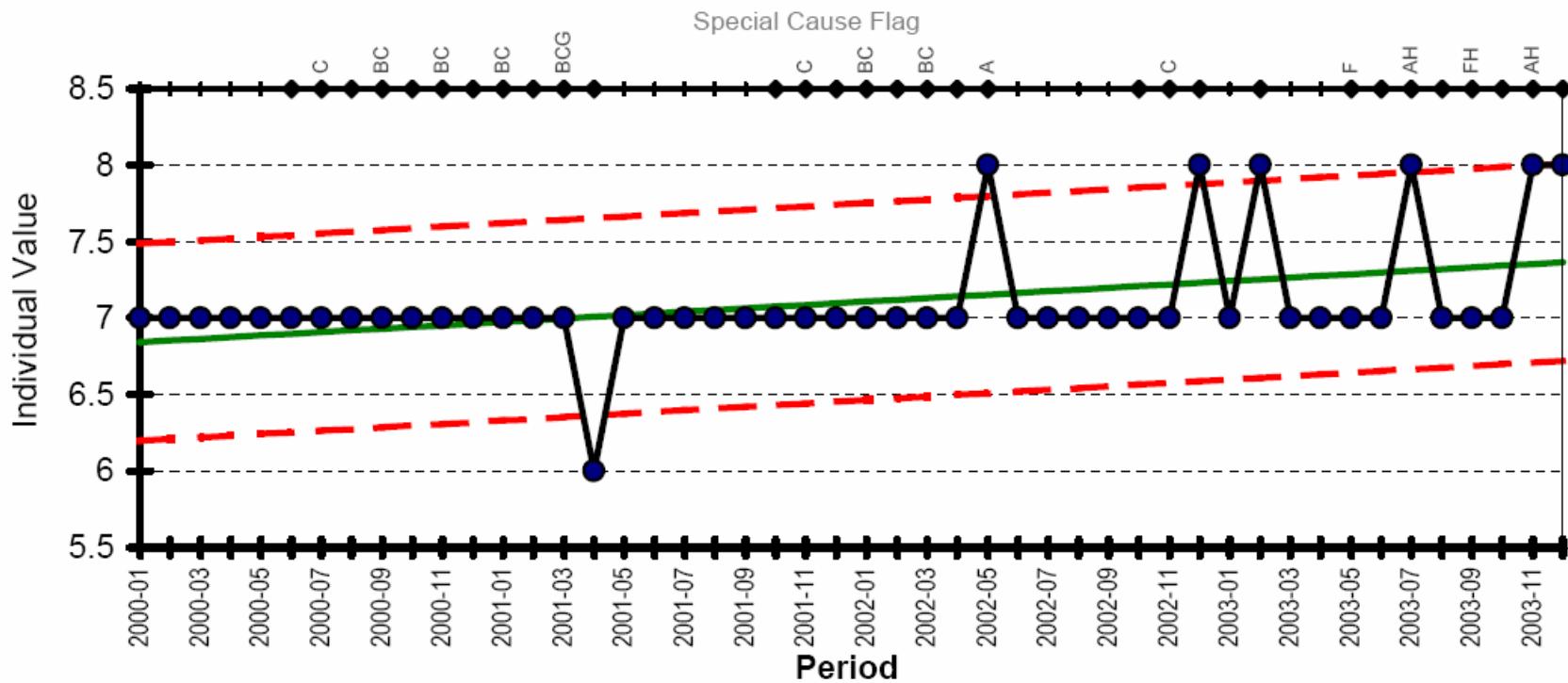
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

“EE” TRAUMA RESPONSE TIMES

(“EE” = Emergency response, Emergency transport)

- Median response times
- Num EE trauma cases (all)
- Num (all) with response time <15'
- Num (all) with response time <12'
- Num (all) with response time <9'
- % (all) with response time <15'
- % (all) with response time <12'
- % (all) with response time <9'

Median response times on EE traumas in EMSI region



Special Cause(s) Detected

Last Center Value	7.36564626
Last Data Value	8
Sigma for Limits	0.2148
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.01113

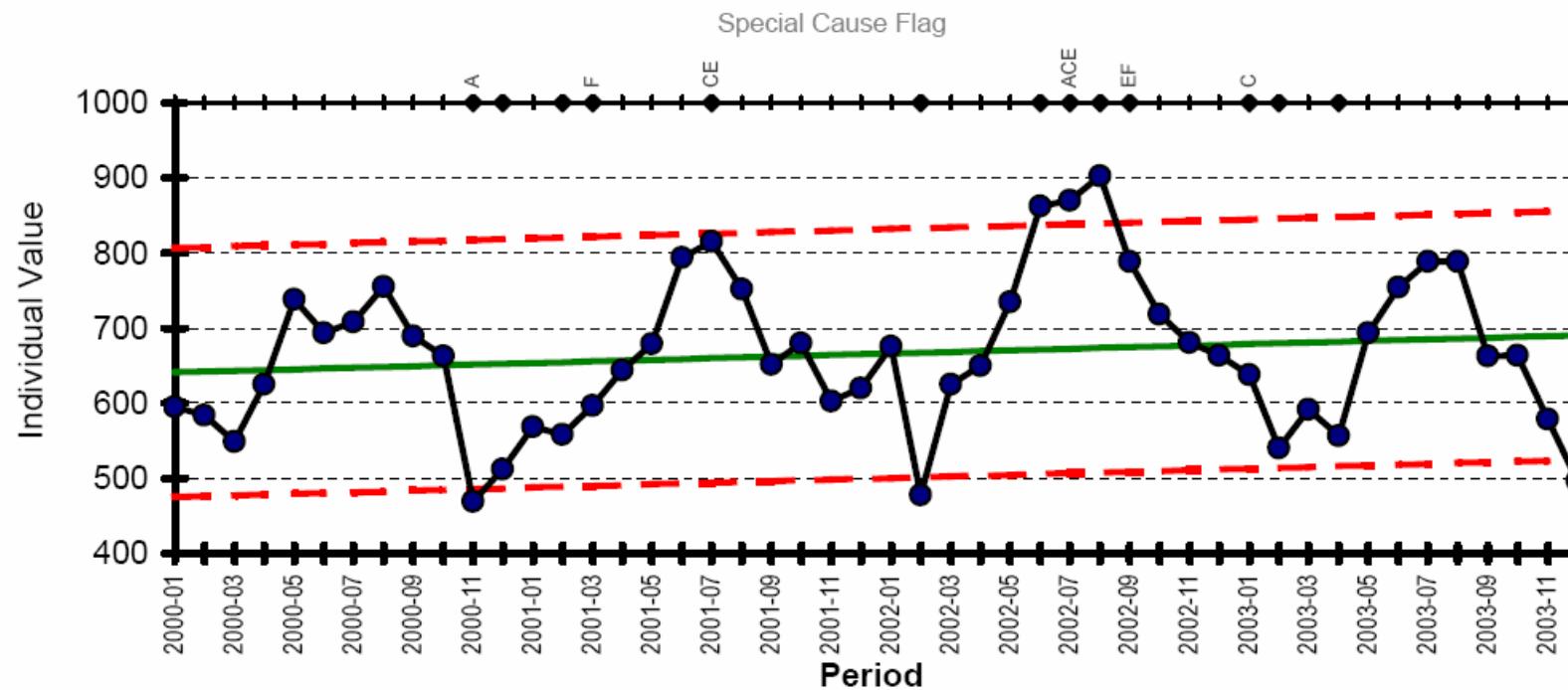
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.003
- Slope/Center = 0.1511% Slope/Sigma = 0.05180

Database Column

1

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 34.29

Num EE trauma cases in EMSI region (all)



Special Cause(s) Detected

Last Center Value 690.255102
Last Data Value 497
Sigma for Limits 55.25
Base for Limits Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = 1.048

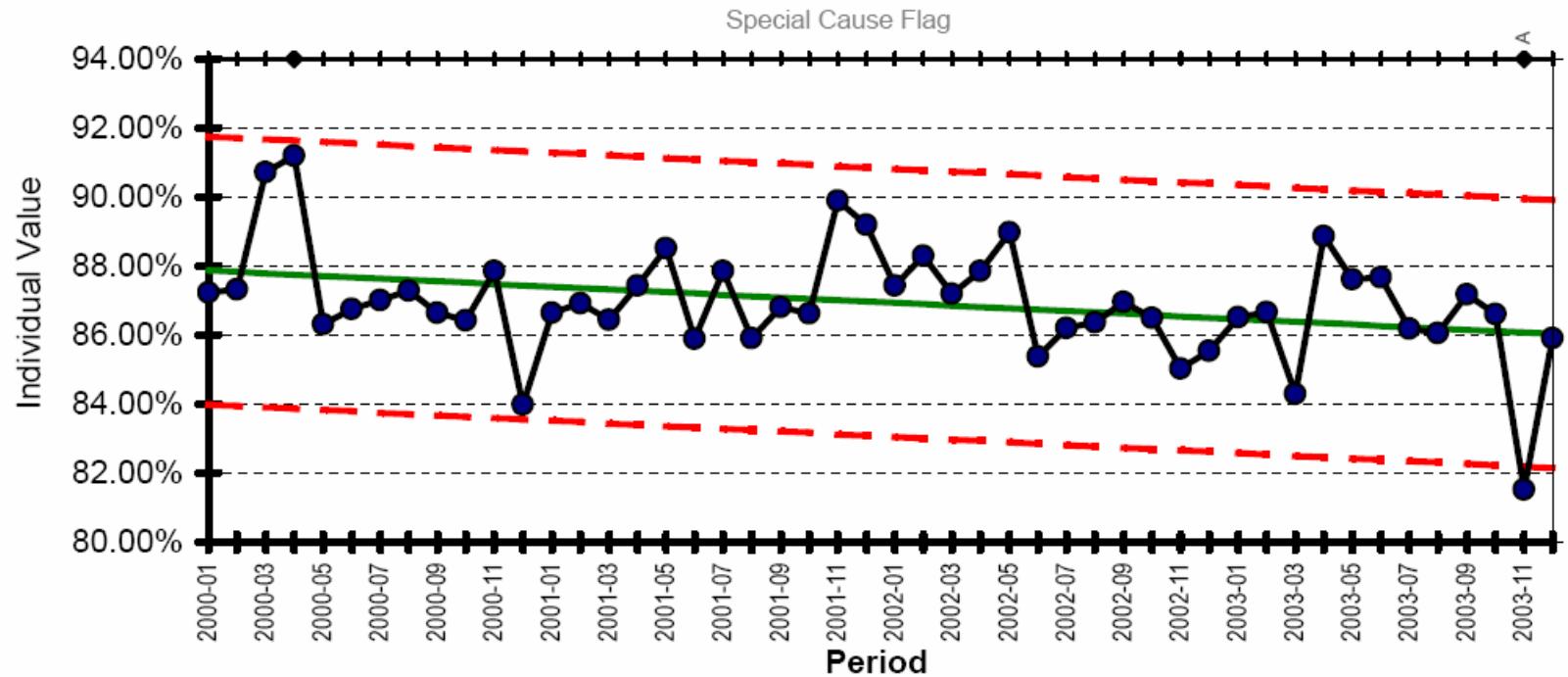
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.330
- Slope/Center = 0.1518% Slope/Sigma = 0.01897 Center/Sigma = 12.49

Database Column

1

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

% EE trauma cases (all) with response-to-scene time <15'



Special Cause(s) Detected

Last Center Value	0.86031772
Last Data Value	0.85915493
Sigma for Limits	0.01294
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0003904

Database Column

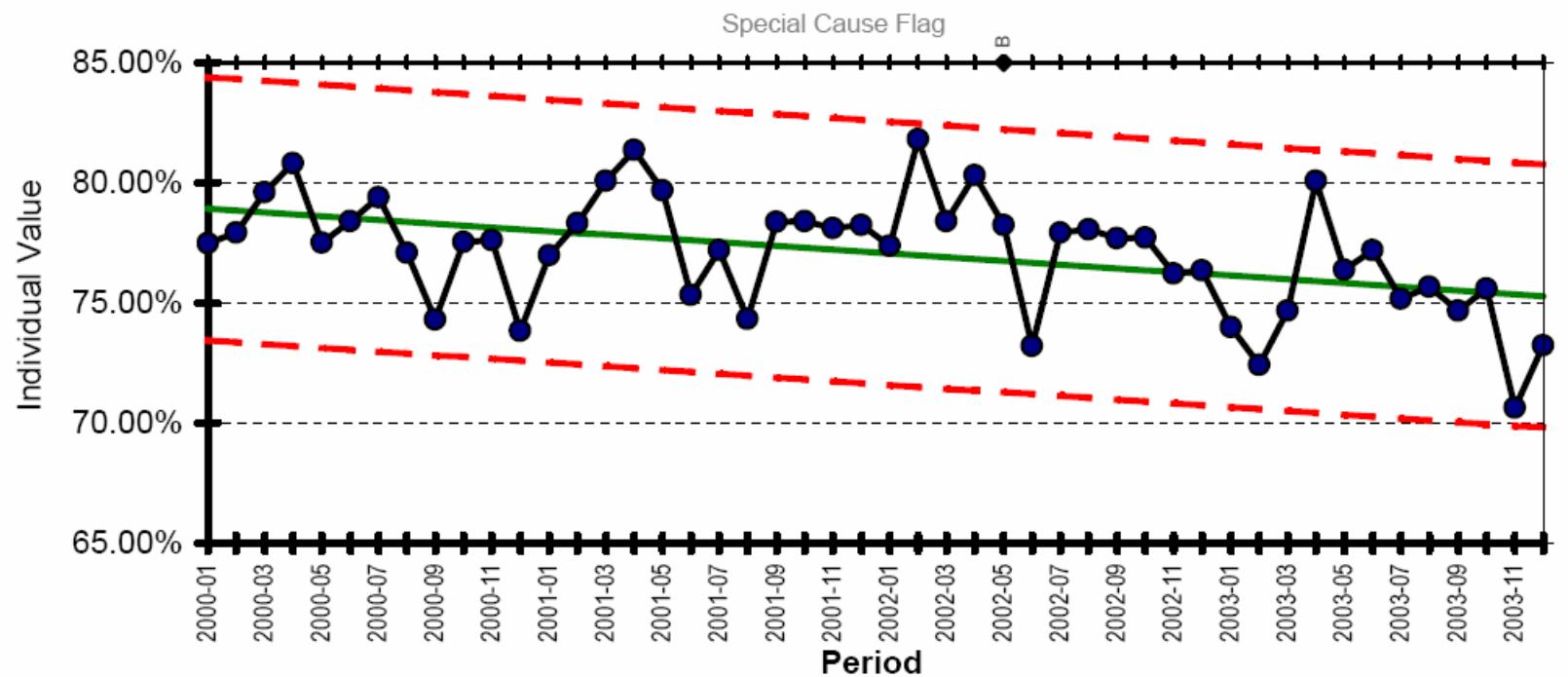
5

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.019

Slope/Center = -0.04538% Slope/Sigma = -0.03017 Center/Sigma = 66.49

% EE trauma cases (all) with response-to-scene time <12'



Special Cause(s) Detected

Last Center Value	0.75281085
Last Data Value	0.73239437
Sigma for Limits	0.01823
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0007727

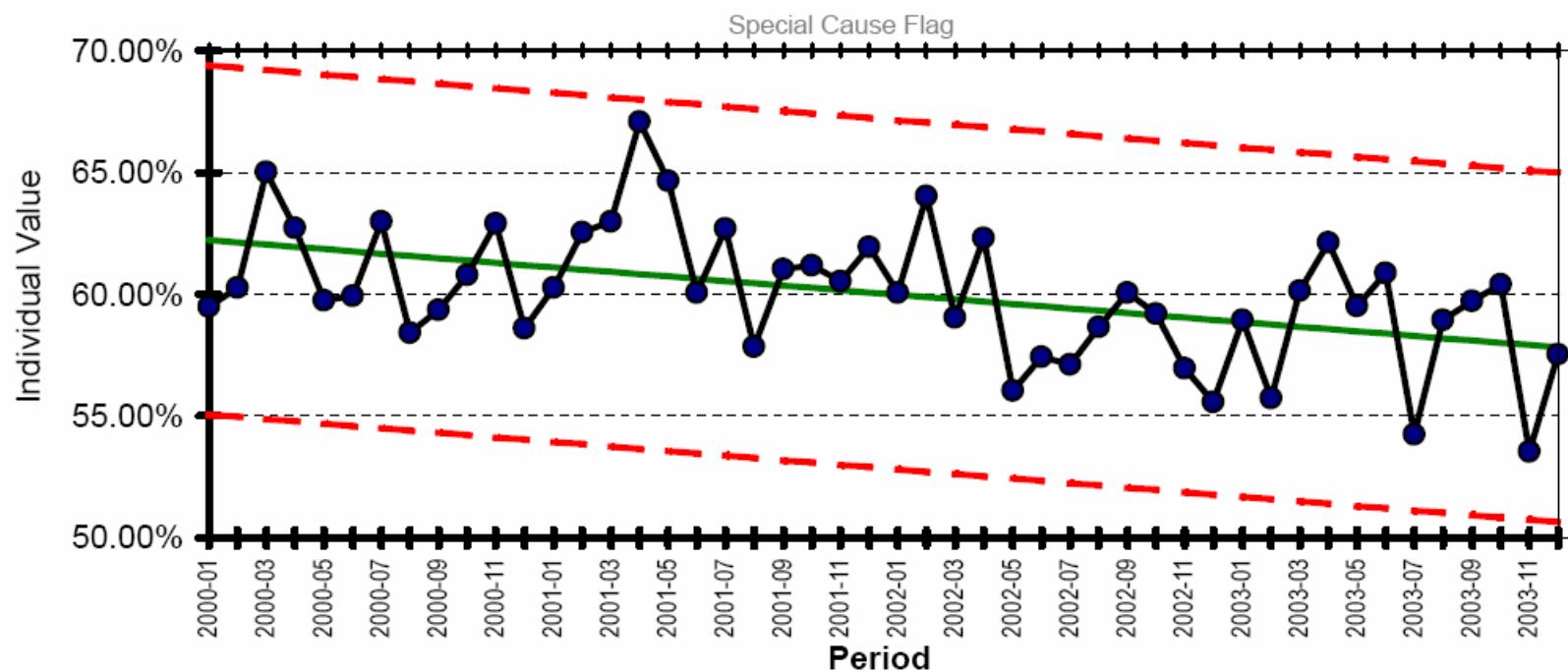
- A. 1 Beyond Control Limit
 - B. 9 On One Side of Average
 - C. 6 Trending Up or Down
 - D. 14 Alternating Up & Down
- Current prob of no trend = 0.001
- Slope/Center = -0.1026% Slope/Sigma = -0.04239

Database Column

6

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 41.29

% EE trauma cases (all) with response-to-scene time <9'



No Special Cause Detected

Last Center Value 0.57823488
 Last Data Value 0.57545272
 Sigma for Limits 0.02388
 Base for Limits Average MR

Chart Type: Linear Trend

Slope = -0.0009377

Database Column

7

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down
- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Current prob of no trend = 0.001

Slope/Center = -0.1622% Slope/Sigma = -0.03927

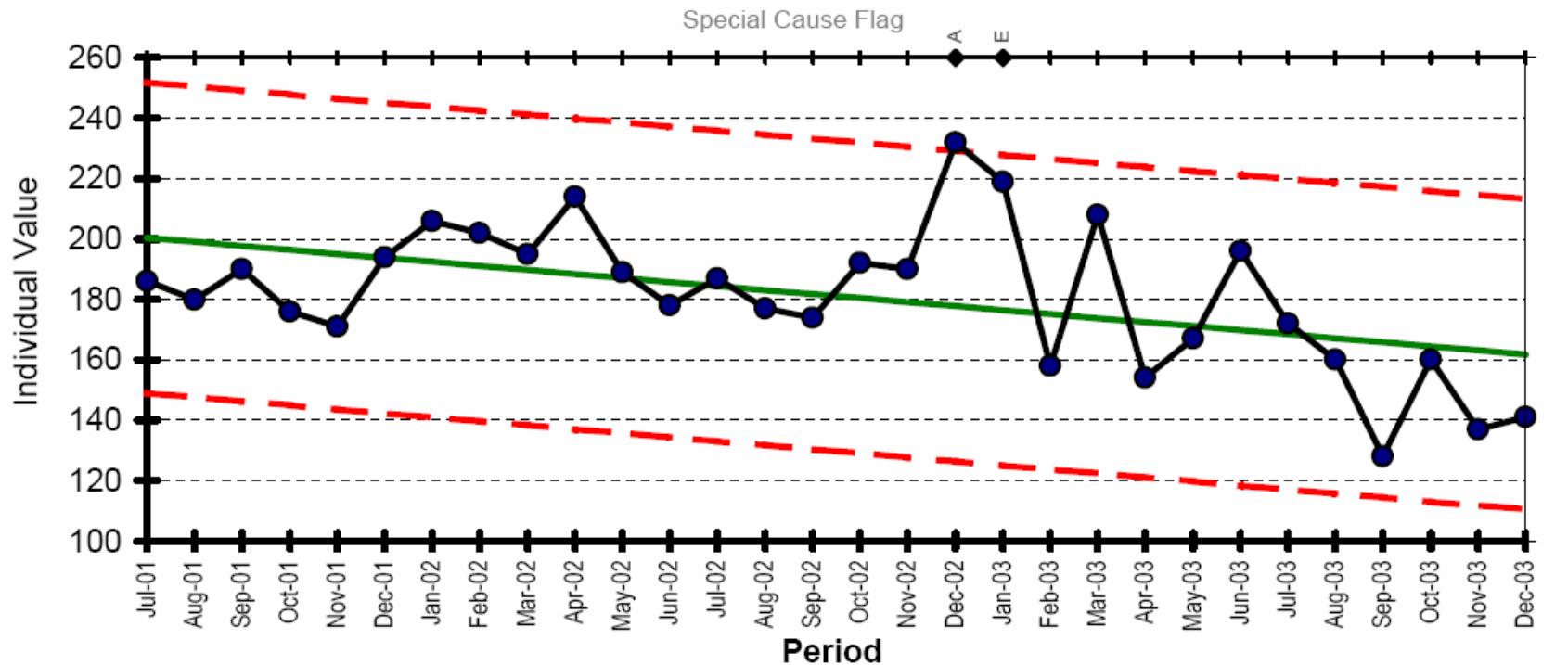
Center/Sigma = 24.21

ARREST INTERVAL REPORTING

- Num arrest interval reports
 - Any of the following were documented:
 - Arrest-to-CPR time
 - Arrest-to-defib time
 - Arrest-to-ALS time
- % invalid reports
 - “Witnessed” was:
 - not entered
 - No
 - Unknown

Records prior to July 2001 excluded due to known injection of bad data in the “Witnessed” field by one vendor’s electronic reporting software.

Num arrest interval reports



Special Cause(s) Detected

Last Center Value	161.832258
Last Data Value	141
Sigma for Limits	17.13
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -1.329 per period Annualized Slope = -15.95 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.007

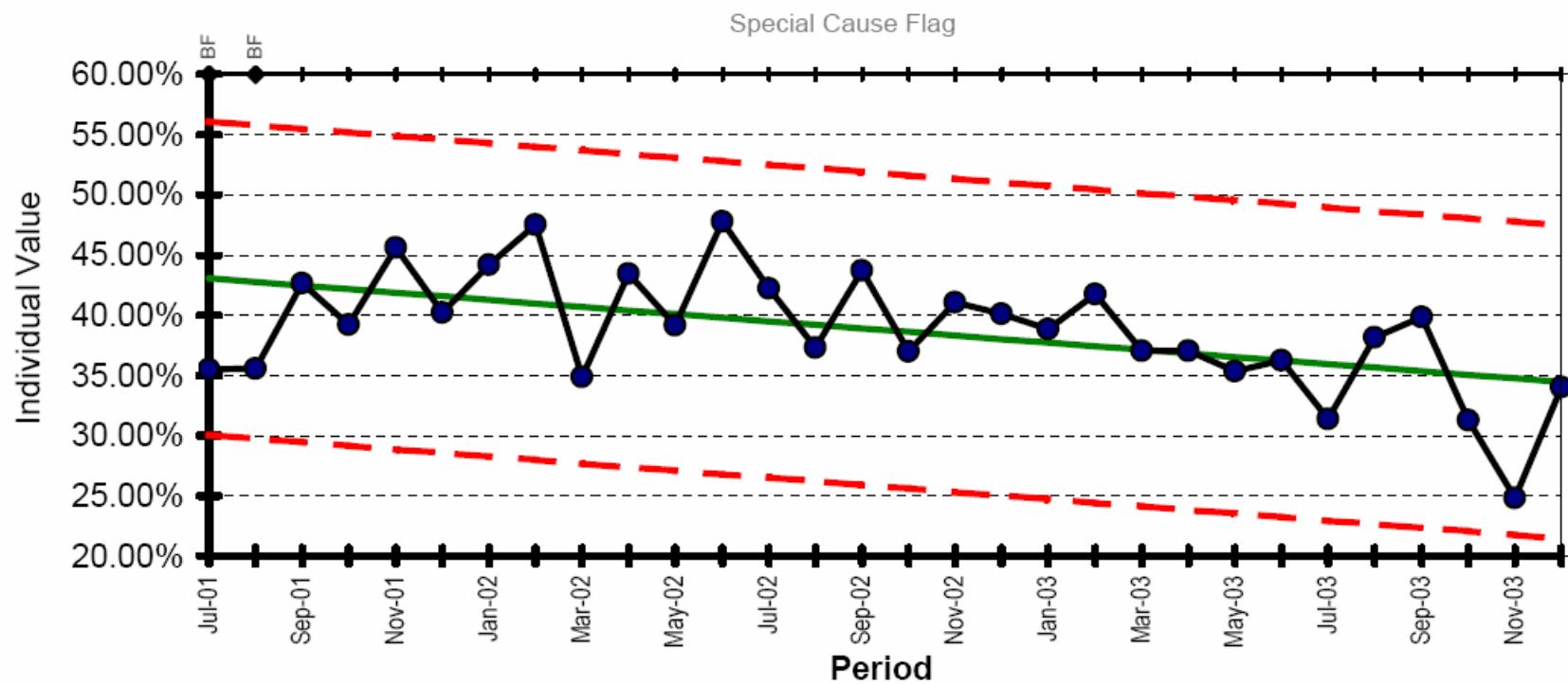
Slope/Center = -0.8211% Slope/Sigma = -0.07757

Database Column

1

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 9.447

% invalid reports



Special Cause(s) Detected

Last Center Value	0.34455071
Last Data Value	0.34042553
Sigma for Limits	0.04336
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.002964 per period Annualized Slope = -0.03557 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.003

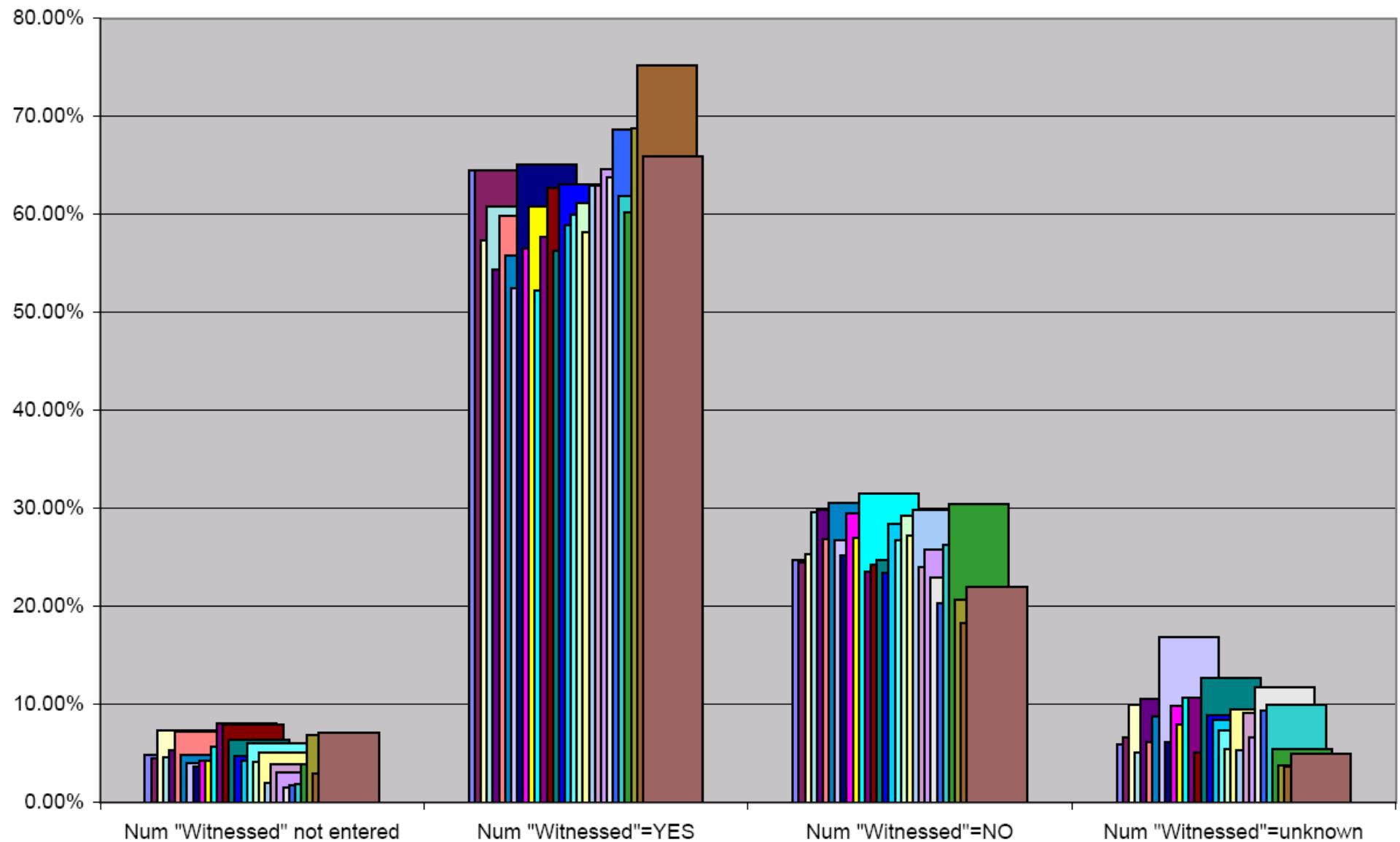
Slope/Center = -0.8604% Slope/Sigma = -0.06837

Database Column

6

- E. 2 of 3 Beyond 2 Sigma
 - F. 4 of 5 Beyond 1 Sigma
 - G. 15 Within 1 Sigma
 - H. 8 Outside 1 Sigma
 - X. Excluded or Missing Data
- Center/Sigma = 7.947

"Witnessed" value on arrest interval reports

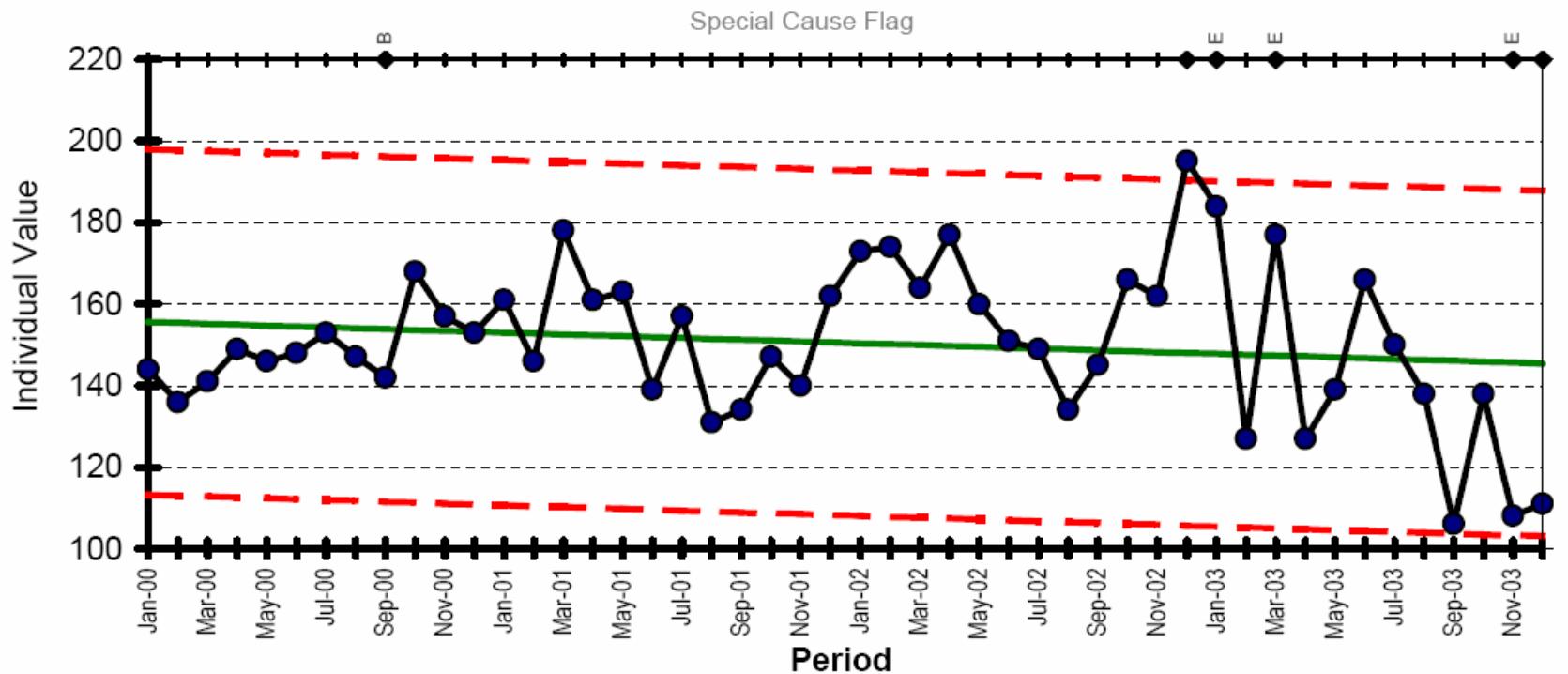


TIME TO SHOCK

(Witnessed arrests only)

- Num cases where TTS is known
- % w/TTS known <10'
- % w/TTS known <4'

Num cases where TTS known



Special Cause(s) Detected

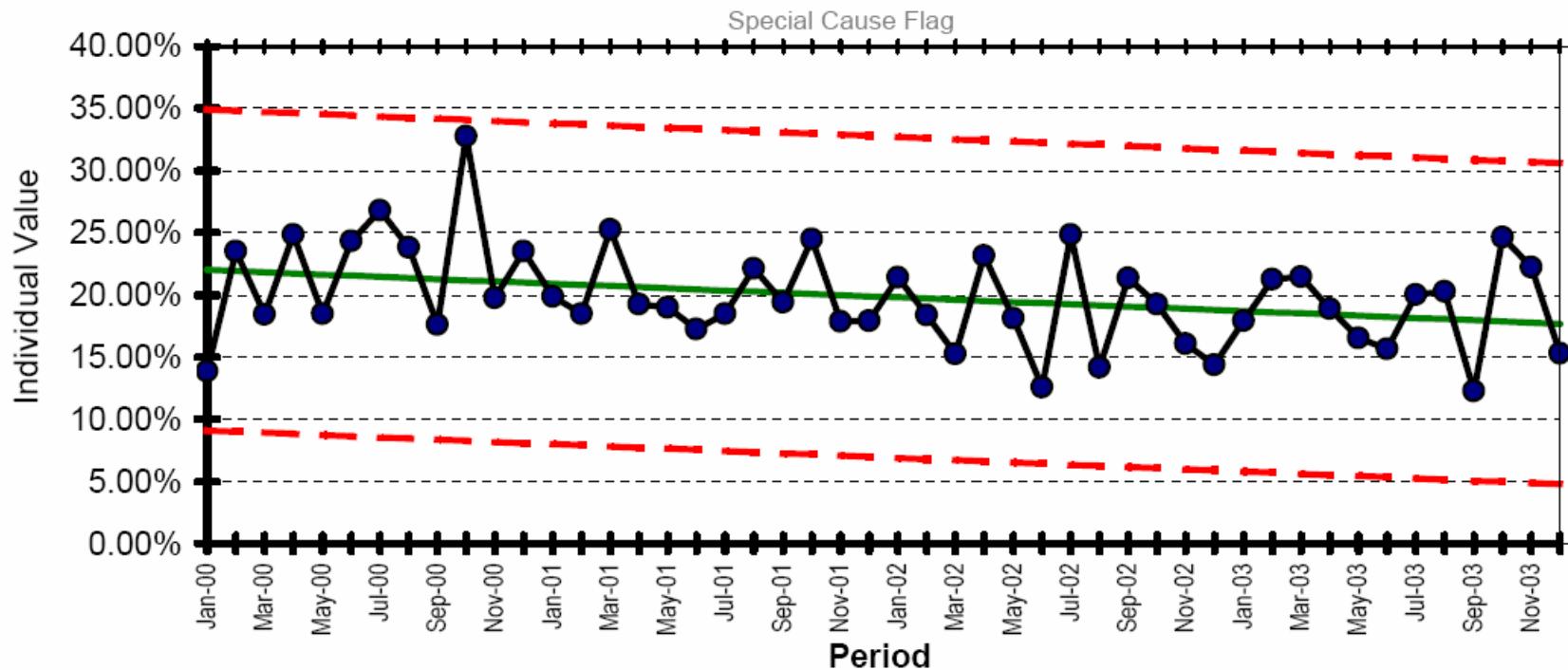
Last Center Value	145.420918
Last Data Value	111
Sigma for Limits	14.12
Base for Limits	Average MR

There is poor evidence of a trend!!

Chart Type: Linear Trend

Slope = -0.2161 per period	Annualized Slope = -2.594 per year	Database Column 1
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.276		X. Excluded or Missing Data
Slope/Center = -0.1486%	Slope/Sigma = -0.01531	Center/Sigma = 10.30

% cases where TTS known <4'



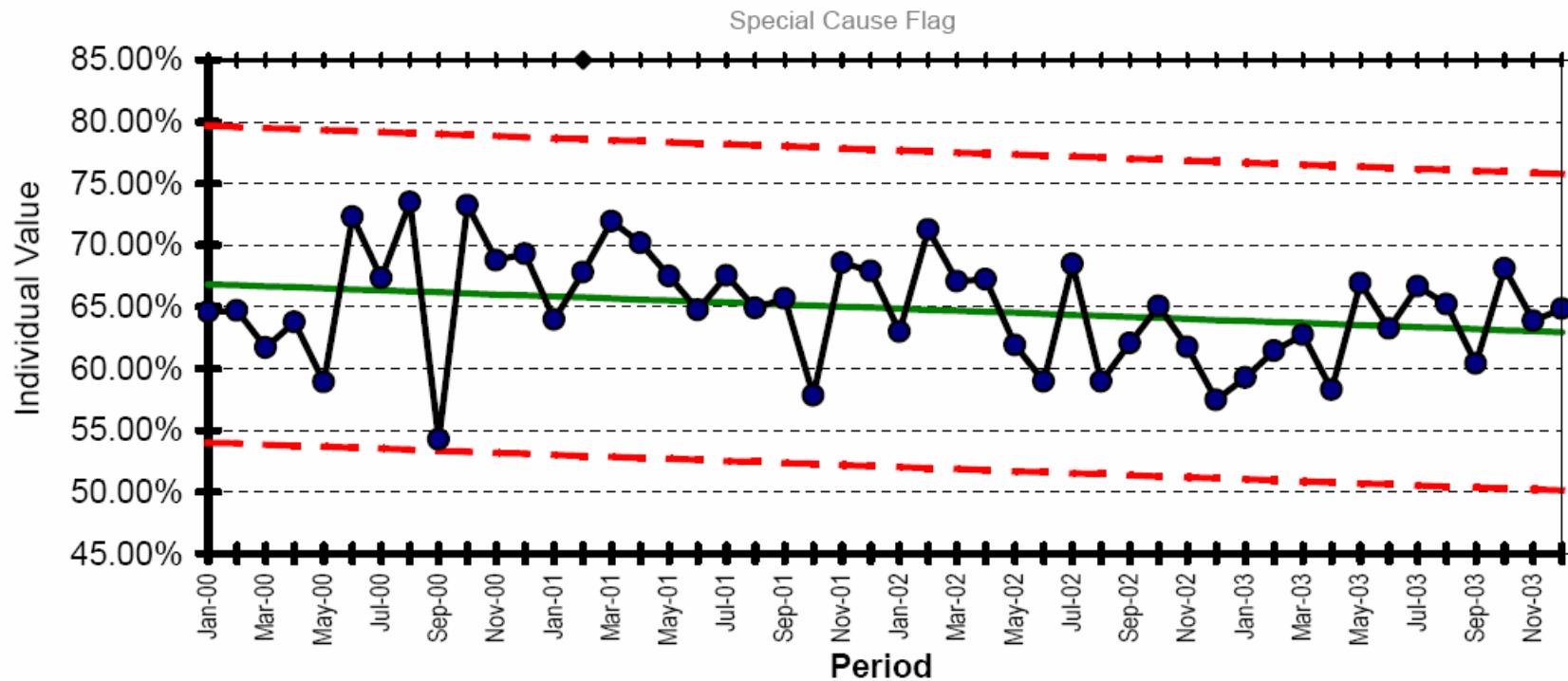
No Special Cause Detected

Last Center Value	0.17689136
Last Data Value	0.15315315
Sigma for Limits	0.04303
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0009182 per period	Annualized Slope = -0.01102 per year	Database Column 5
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.027		X. Excluded or Missing Data
Slope/Center = -0.5191%	Slope/Sigma = -0.02134	Center/Sigma = 4.111

% cases where TTS known <10'



Special Cause(s) Detected	
Last Center Value	0.62947108
Last Data Value	0.64864865
Sigma for Limits	0.04276
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.0008271 per period Annualized Slope = -0.009925 per year

4

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.074

Slope/Center = -0.1314% Slope/Sigma = -0.01934

Database Column

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Center/Sigma = 14.72

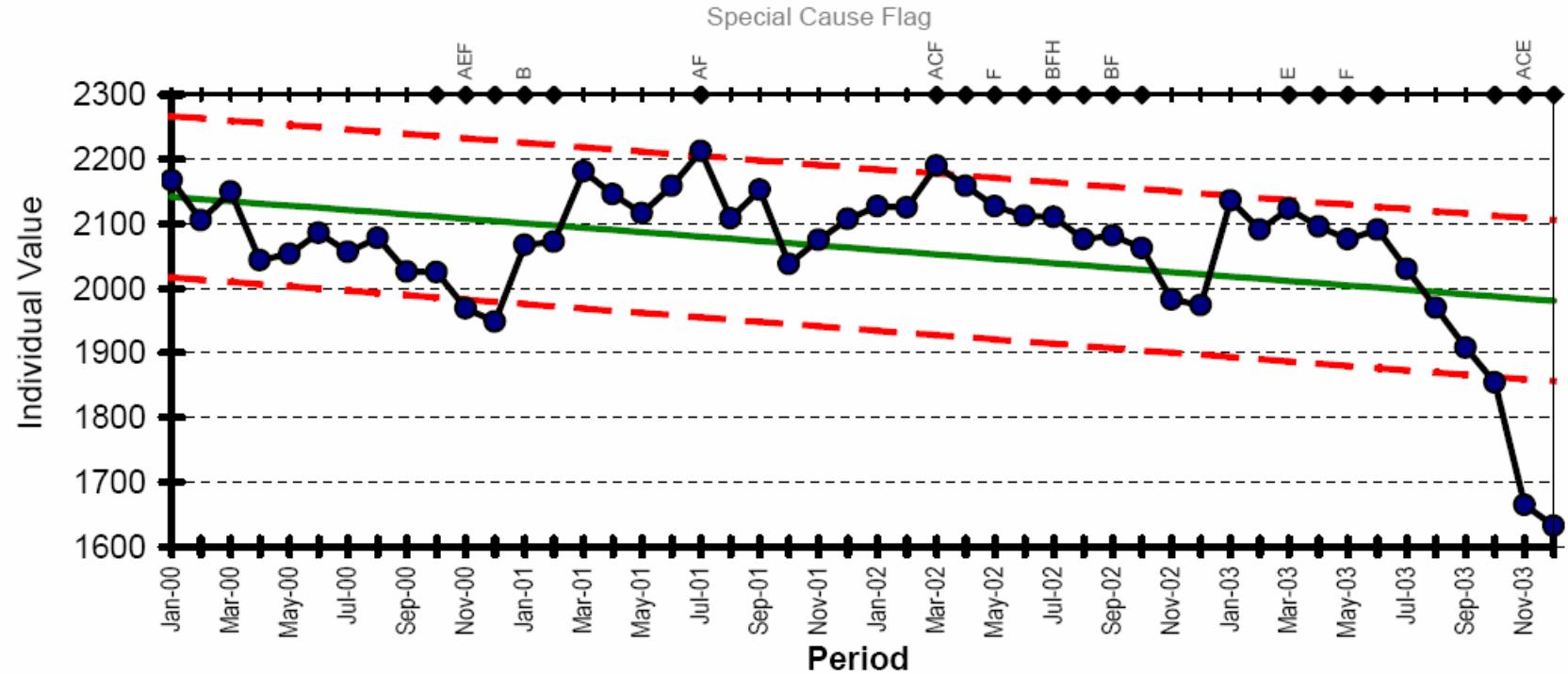
Practitioners

- Supply and load
- Service affiliations per practitioner

PRACTITIONER SUPPLY & LOAD

- Num active EMTs
- Num active ALS practitioners
- Num cases
- Num cases per EMT
- Num cases per ALS practitioner

Num active EMTs



Special Cause(s) Detected

Last Center Value	1980.93707
Last Data Value	1632
Sigma for Limits	41.65
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -3.425 per period Annualized Slope = -41.10 per year

A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.003

Slope/Center = -0.1729% Slope/Sigma = -0.08222

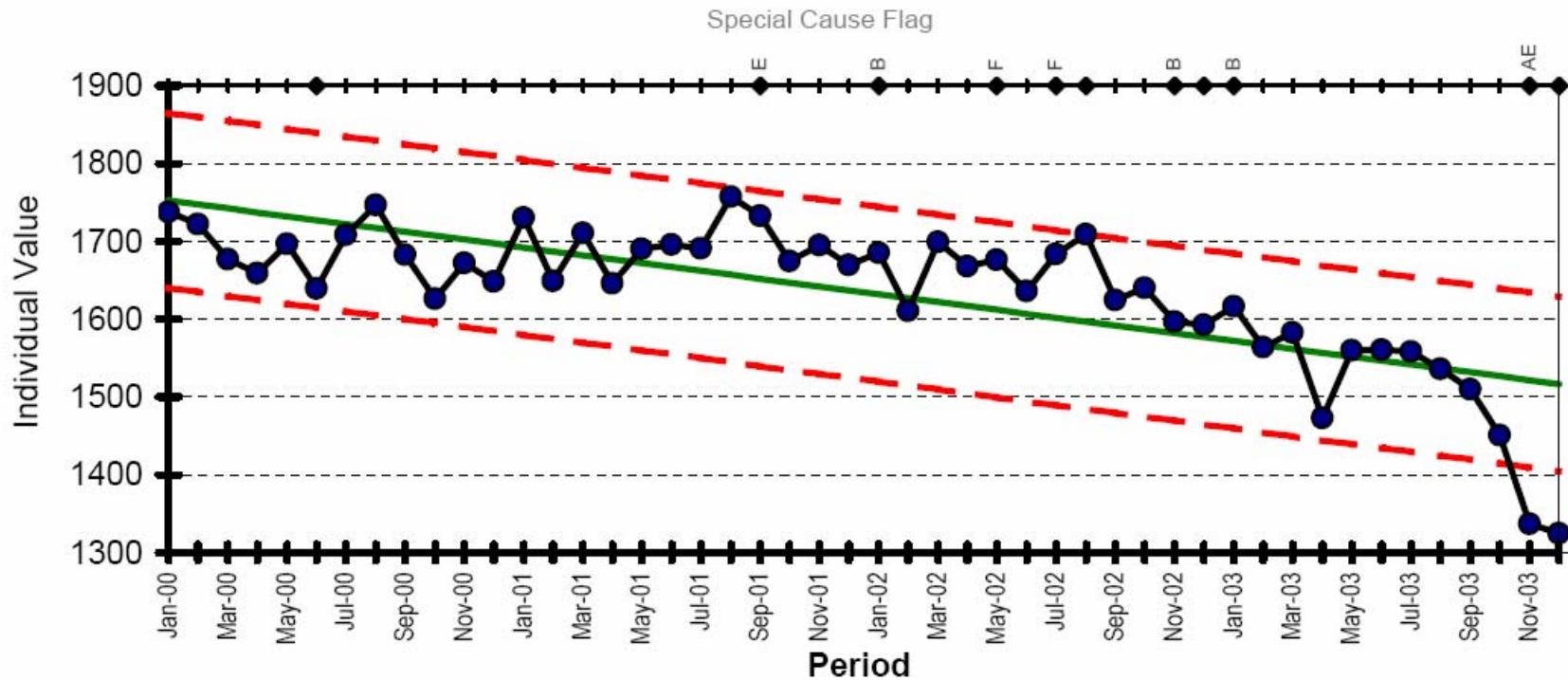
Center/Sigma = 47.57

Database Column

1

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num active ALS



Special Cause(s) Detected

Last Center Value	1516.70153
Last Data Value	1325
Sigma for Limits	37.46
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -5.013 per period Annualized Slope = -60.15 per year

- A. 1 Beyond Control Limit
- B. 9 On One Side of Average
- C. 6 Trending Up or Down
- D. 14 Alternating Up & Down

Current prob of no trend = 0.000

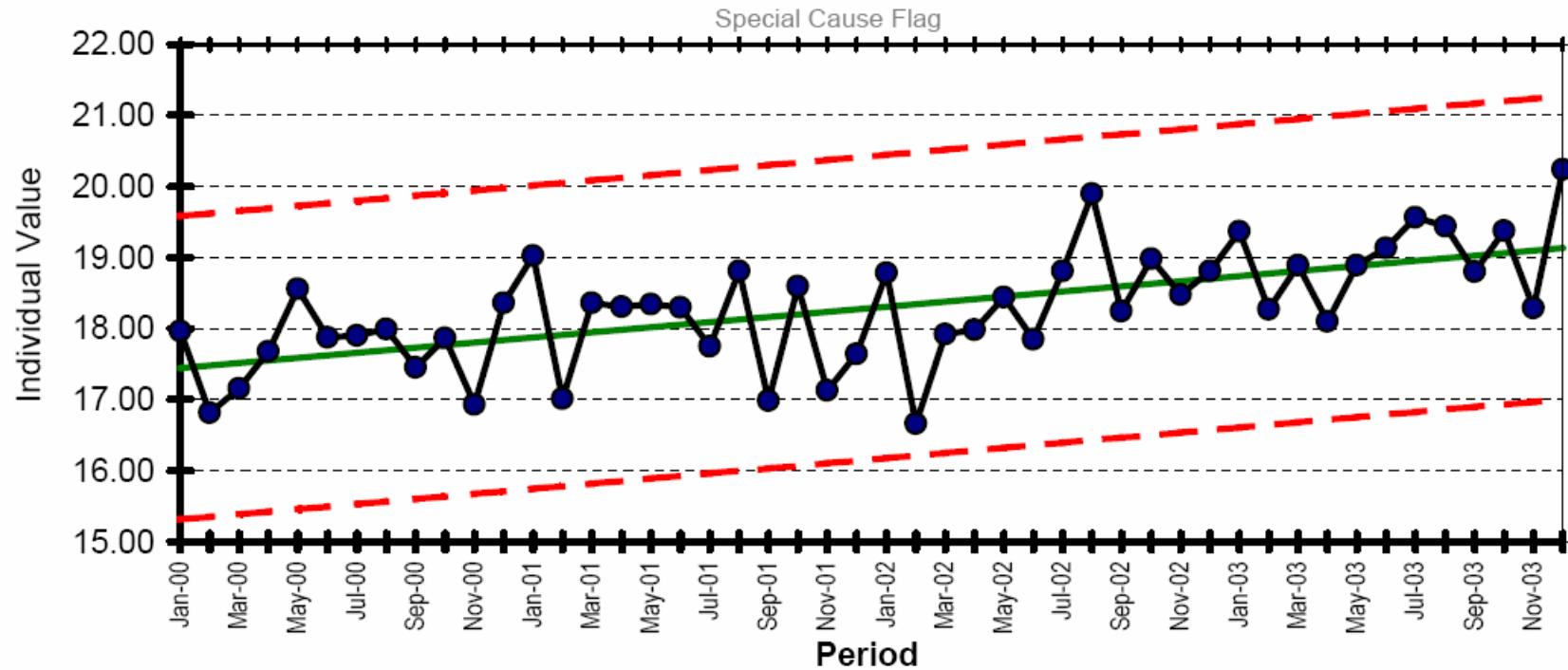
Slope/Center = -0.3305% Slope/Sigma = -0.1338 Center/Sigma = 40.49

Database Column

2

- E. 2 of 3 Beyond 2 Sigma
- F. 4 of 5 Beyond 1 Sigma
- G. 15 Within 1 Sigma
- H. 8 Outside 1 Sigma
- X. Excluded or Missing Data

Num cases per EMT



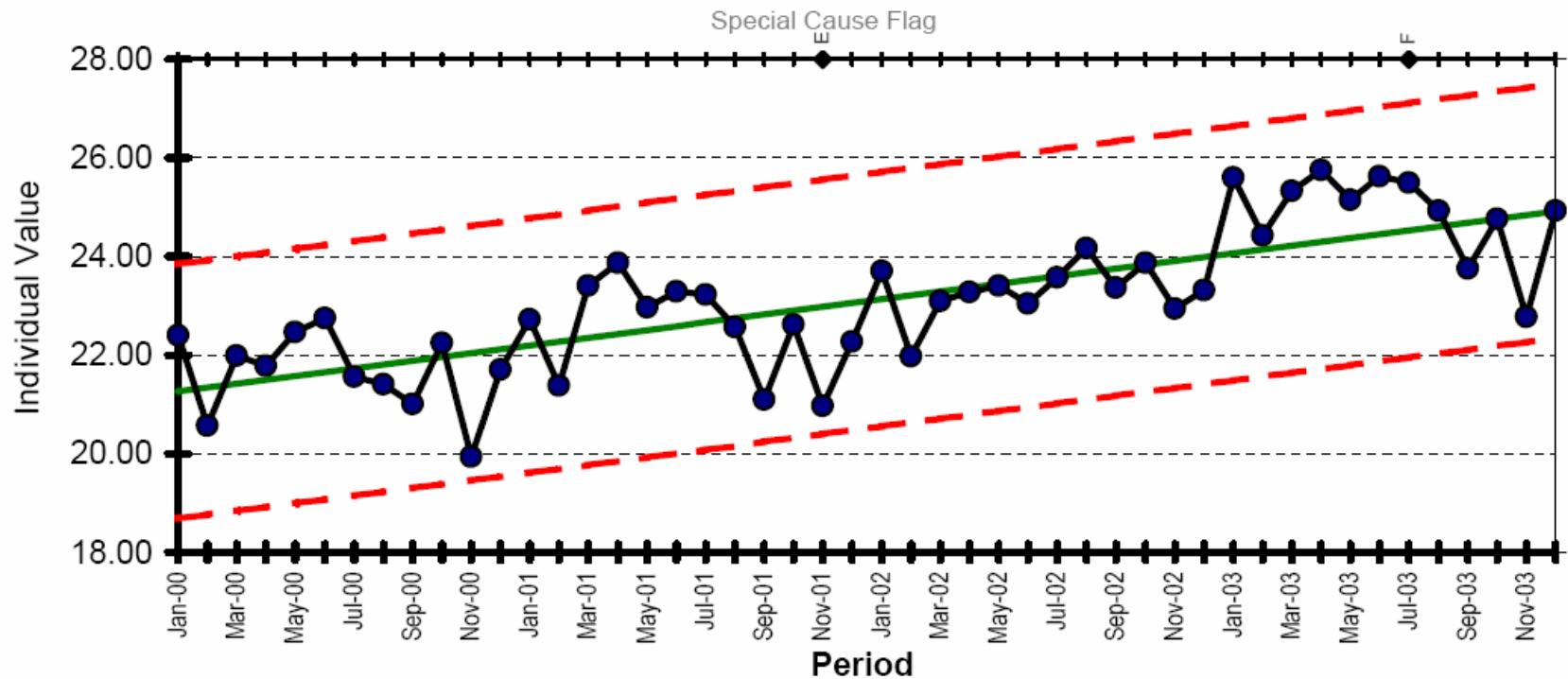
No Special Cause Detected

Last Center Value	19.1379315
Last Data Value	20.2426471
Sigma for Limits	0.7115
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = 0.03603 per period	Annualized Slope = 0.4324 per year	Database Column 4
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.000		X. Excluded or Missing Data
Slope/Center = 0.1883% Slope/Sigma = 0.05064		Center/Sigma = 26.90

Num cases per ALS Practitioner



Special Cause(s) Detected

Last Center Value	24.9209686
Last Data Value	24.9328302
Sigma for Limits	0.8606
Base for Limits	Average MR

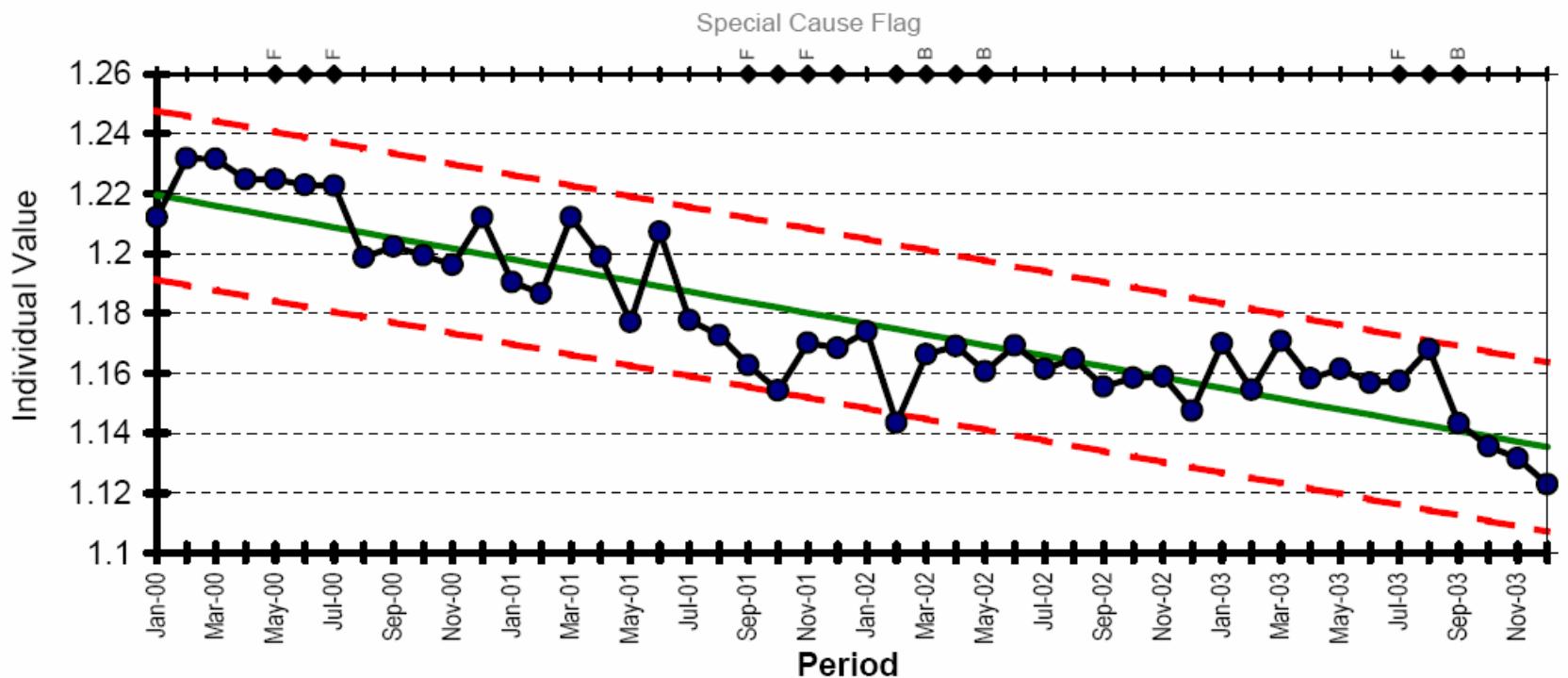
Chart Type: Linear Trend

Slope = 0.07780 per period	Annualized Slope = 0.9336 per year	Database Column 5
A. 1 Beyond Control Limit		E. 2 of 3 Beyond 2 Sigma
B. 9 On One Side of Average		F. 4 of 5 Beyond 1 Sigma
C. 6 Trending Up or Down		G. 15 Within 1 Sigma
D. 14 Alternating Up & Down		H. 8 Outside 1 Sigma
Current prob of no trend = 0.000		X. Excluded or Missing Data
Slope/Center = 0.3122%	Slope/Sigma = 0.09040	Center/Sigma = 28.96

SERVICE AFFILIATIONS PER PRACTITIONER

- Mean number of affiliations per EMTs
- Mean number affiliations per ALS practitioner

Mean number of affiliations per EMT



Special Cause(s) Detected

Last Center Value	1.1353538
Last Data Value	1.12278978
Sigma for Limits	0.009422
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.001791 per period Annualized Slope = -0.02149 per year

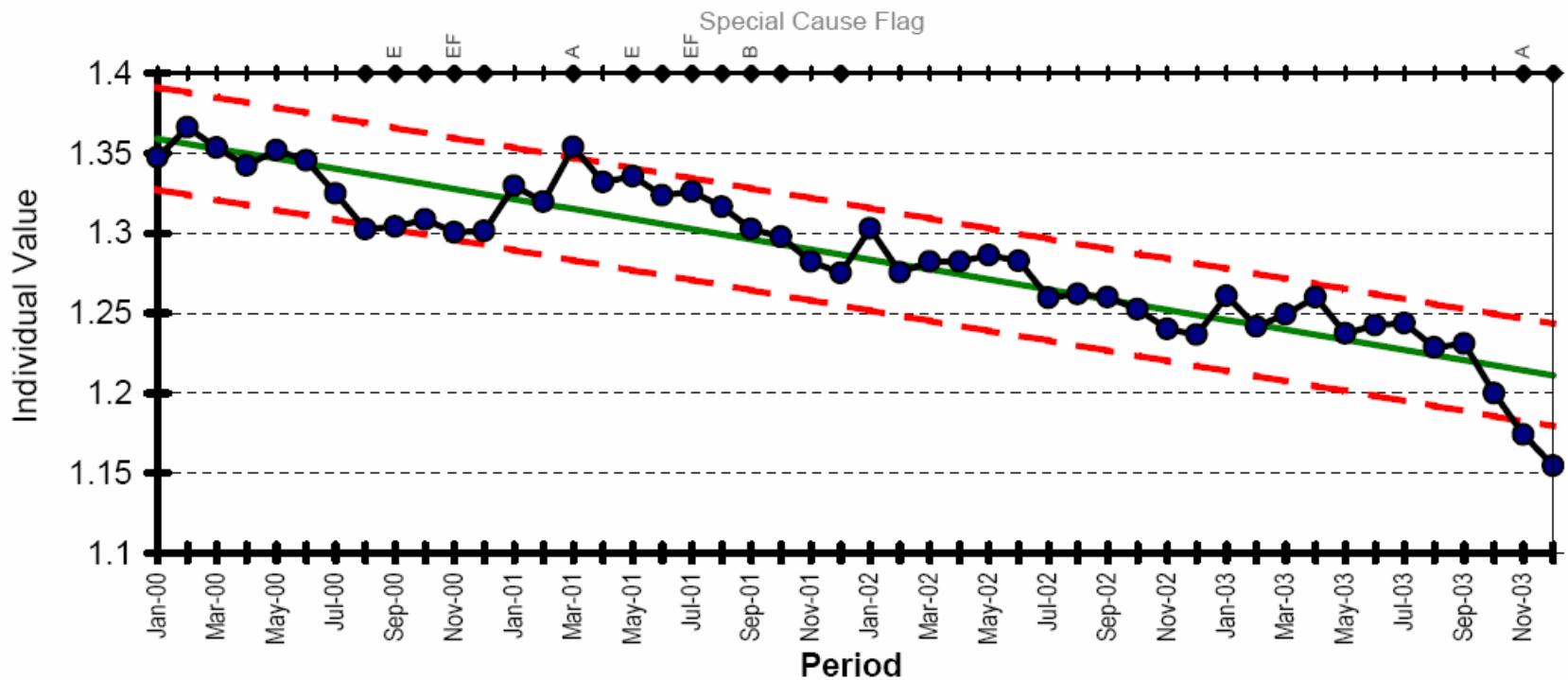
A. 1 Beyond Control Limit
 B. 9 On One Side of Average
 C. 6 Trending Up or Down
 D. 14 Alternating Up & Down

Current prob of no trend = 0.000
 Slope/Center = -0.1578% Slope/Sigma = -0.1901 Center/Sigma = 120.5

Database Column 1

E. 2 of 3 Beyond 2 Sigma
 F. 4 of 5 Beyond 1 Sigma
 G. 15 Within 1 Sigma
 H. 8 Outside 1 Sigma
 X. Excluded or Missing Data

Mean number of affiliations per ALS



Special Cause(s) Detected

Last Center Value	1.21116513
Last Data Value	1.15469613
Sigma for Limits	0.01065
Base for Limits	Average MR

Chart Type: Linear Trend

Slope = -0.003149 per period Annualized Slope = -0.03778 per year
 A. 1 Beyond Control Limit E. 2 of 3 Beyond 2 Sigma
 B. 9 On One Side of Average F. 4 of 5 Beyond 1 Sigma
 C. 6 Trending Up or Down G. 15 Within 1 Sigma
 D. 14 Alternating Up & Down H. 8 Outside 1 Sigma
 Current prob of no trend = 0.000 X. Excluded or Missing Data
 Slope/Center = -0.2600% Slope/Sigma = -0.2956 Center/Sigma = 113.7

Database Column

2

EMS Quality Indicators

for
PA EMS Region 4



Quality Leadership Working Group
Quality Improvement Program
Emergency Medical Service Institute
Pittsburgh, PA
www.emsi.org