

National Radiology Data Registry

Semiannual Report-Physician, Jul-Dec 2018

Sample facility
(Facility ID: 100853)



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GRID Measure Definitions

Measure	Definition
Digital radiography repeat rate	Percent of digital radiography images that had to be repeated and resulted in additional exposure to the patient (not including computed radiography).
TAT	Turn around time in hours. Time from when exam was completed until final report was signed.
<i>Gold Measures</i>	
Non-diagnostic biopsy	Percent of biopsies performed by radiologists that were non-diagnostic. Includes core biopsies and FNA.
Lung biopsies resulting in pneumothorax requiring chest tube	Percent of lung biopsies performed by radiologists resulting in pneumothorax requiring a chest tube.
Non-concordant findings - stereotactic breast biopsy	Percent of stereotactic breast biopsies performed which were non-concordant with imaging characteristics, indicating that the lesion was not adequately biopsied. Includes all incidences, regardless of whether further patient care confirmed imaging findings.

Boxplot Definitions

The boxplot displays and the statistics they represent are as follows:

- The length of the box represents the interquartile range (the distance between the 25th and the 75th percentiles).
- The blue dot in the box represents the mean.
- The horizontal line in the box interior represents the median.
- The vertical lines issuing from the box extend to the minimum and maximum values of the analysis variable.

GRID Process Measures Summary by Physician

Measure	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Digital Radiography Repeat Rate (percent)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Mean TAT-Radiography(hours)	1.3	1.3	1.7	1.6	2.0	1.5	2.1	1.6	1.3
Mean TAT - Ultrasound (hours)	6.0	2.5	6.2	3.1	2.3	3.8	3.8	3.8	1.6
Mean TAT - MRI (hours)	5.3	4.8	5.7	6.2	6.3	3.4	3.2	5.0	5.3
Mean TAT - CT (hours)	3.3	2.0	2.6	2.1	3.6	2.5	2.3	2.5	2.1
Mean TAT - PET (hours)	3.0	4.4	6.0	5.1	4.5	5.0	4.0	4.5	3.2
Exams Signed < 12 hours - Radiography(percent)	98.4	97.9	97.4	98.1	96.8	97.9	96.4	97.9	98.2
Exams Signed < 12 hours - US (percent)	88.4	93.8	87.9	92.0	95.7	89.3	92.8	92.0	97.4
Exams Signed < 12 hours - MRI (percent)	81.9	83.4	78.1	81.0	80.8	88.7	91.8	83.4	82.5
Exams Signed < 12 hours - CT (percent)	92.0	95.8	94.7	95.1	93.1	93.5	95.4	94.7	96.1
Exams Signed < 12 hours - PET (percent)	95.0	90.6	79.7	88.9	91.7	88.9	100.0	90.6	93.6

Values presented here are based on averages over 6 months (Jul-Dec 2018).

**Repeat rate data may not be comparable across sites because some sites report repeated exams and others report repeated images.*

***Facility values represent the median value across physicians at the facility.*

GRID Outcome Measures and Incident Rates Summary

Measure	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Non-Diagnostic Liver Biopsy (percent)	0.0		0.0		0.0	0.0	0.0	0.0	0.0
Non-Diagnostic Lung biopsy (percent)	0.0		0.0		0.0	0.0	0.0	0.0	0.0
Lung Biopsies Resulting in Pneumothorax Requiring Chest Tube (percent)	0.0		0.0		0.0	0.0	0.0	0.0	0.0
Non-Concordant Findings - Stereotactic Breast Biopsy (percent)*		0.0				0.0	100.0	0.0	0.0

Values presented here are based on averages over 6 months (Jul-Dec 2018).

**Data on non-concordant findings for stereotactic breast biopsy may not be comparable across sites because the measure is not interpreted the same way by all sites.*

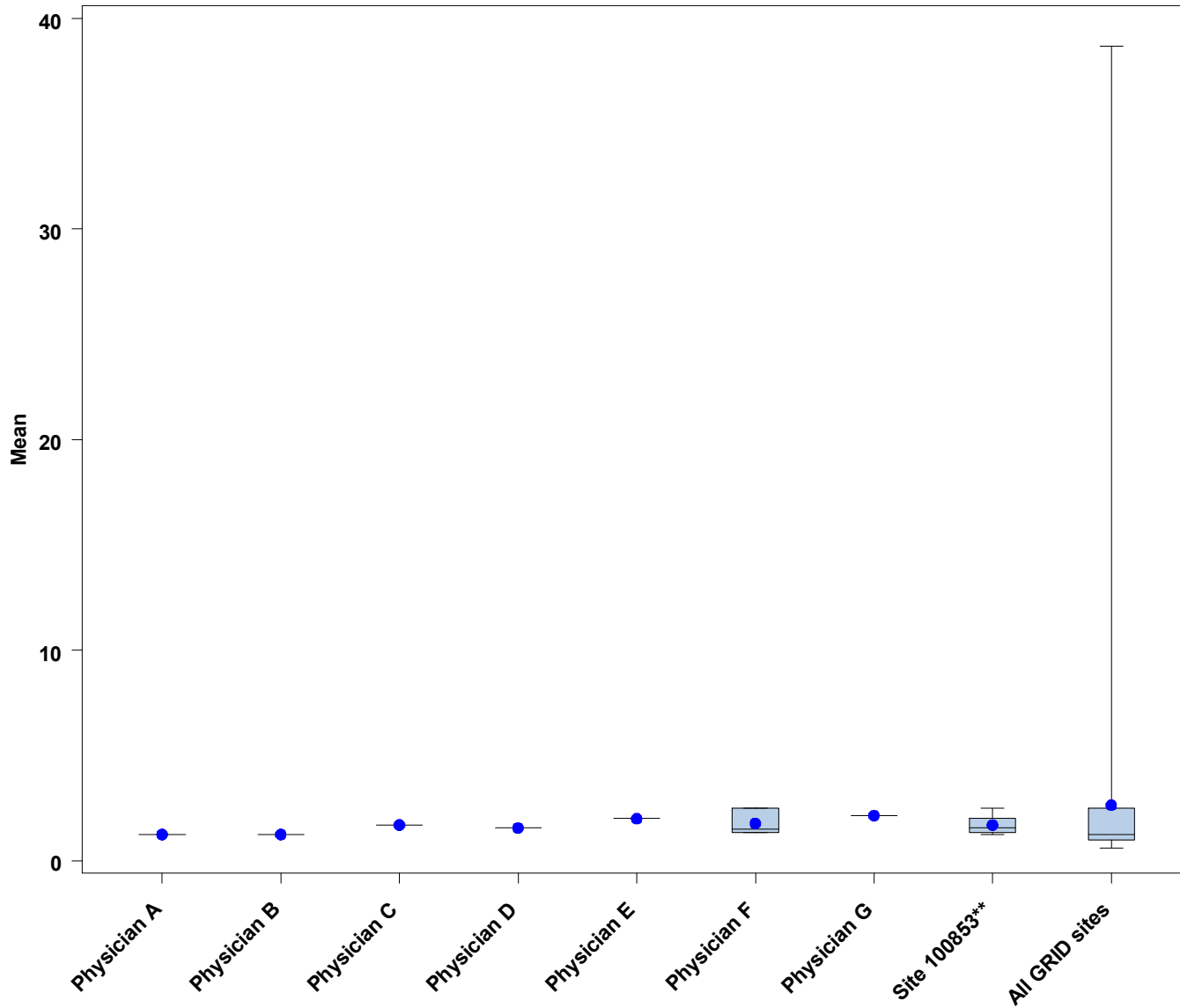
***Facility values represent the median value across physicians at the facility.*

GRID Process Measure Variation by Physician (Table)
Radiography turnaround time (hours)

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	6774	5198	5689	5741	5431	6655	5255	40743	2821904
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									248

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

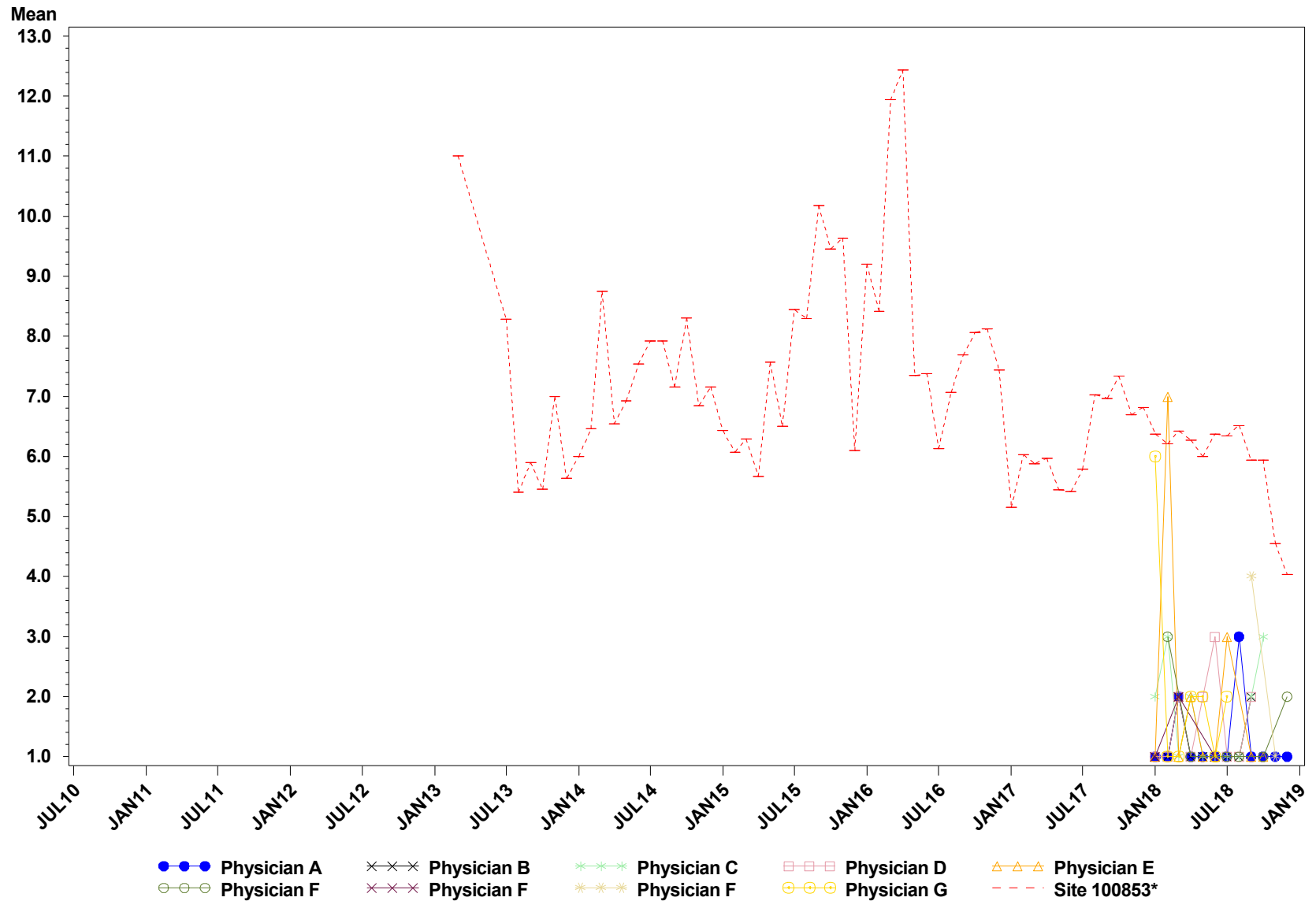
GRID Process Measure Variation by Physician (Boxplot)
Radiography turnaround time (hours)



*****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.***

GRID Process Measure Variation by Physician (Trend Graph)

Radiography turnaround time (hours)



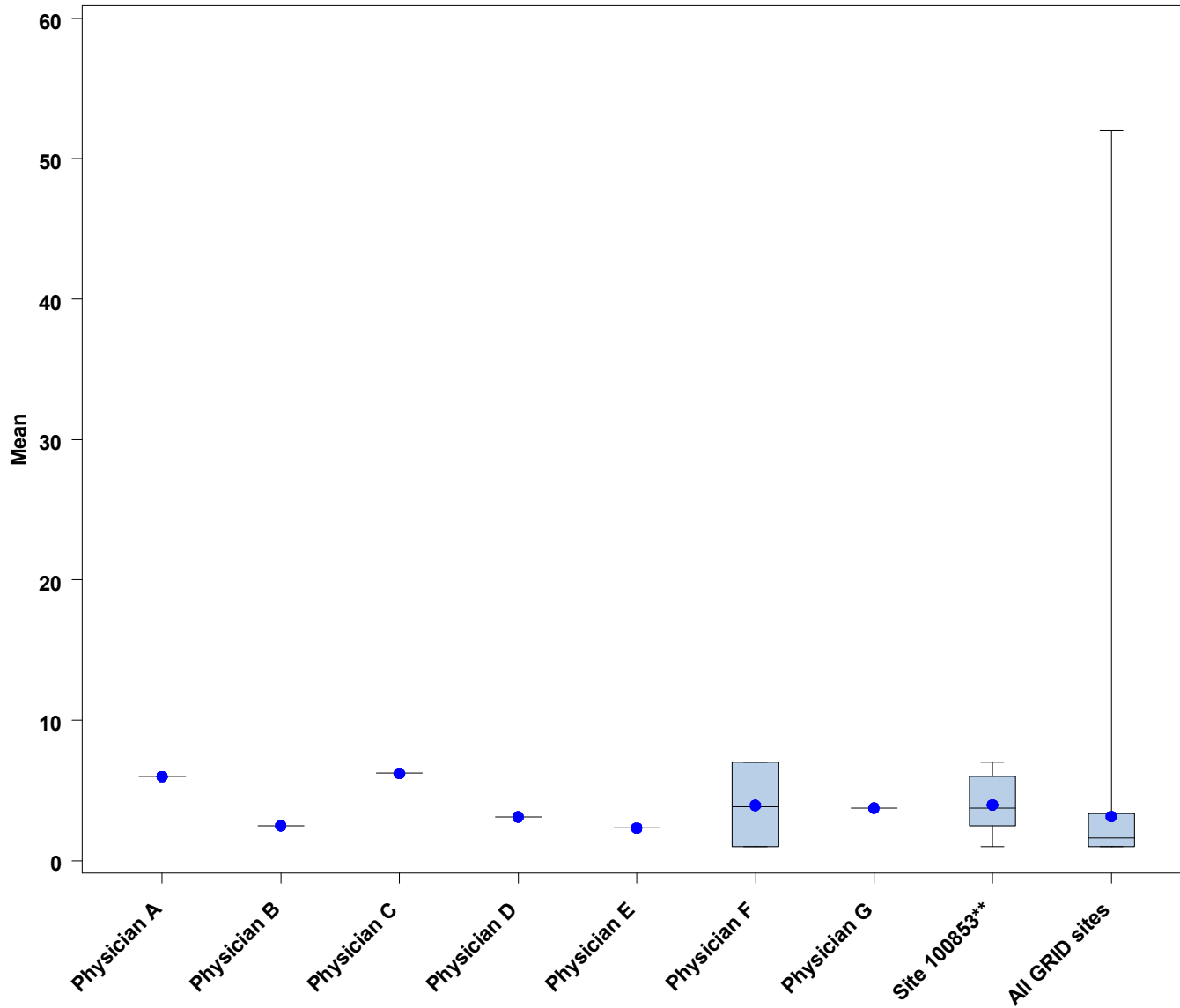
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
Ultrasound turnaround time (hours)

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	1207	527	1075	1000	971	1410	1310	7500	900407
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									233

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

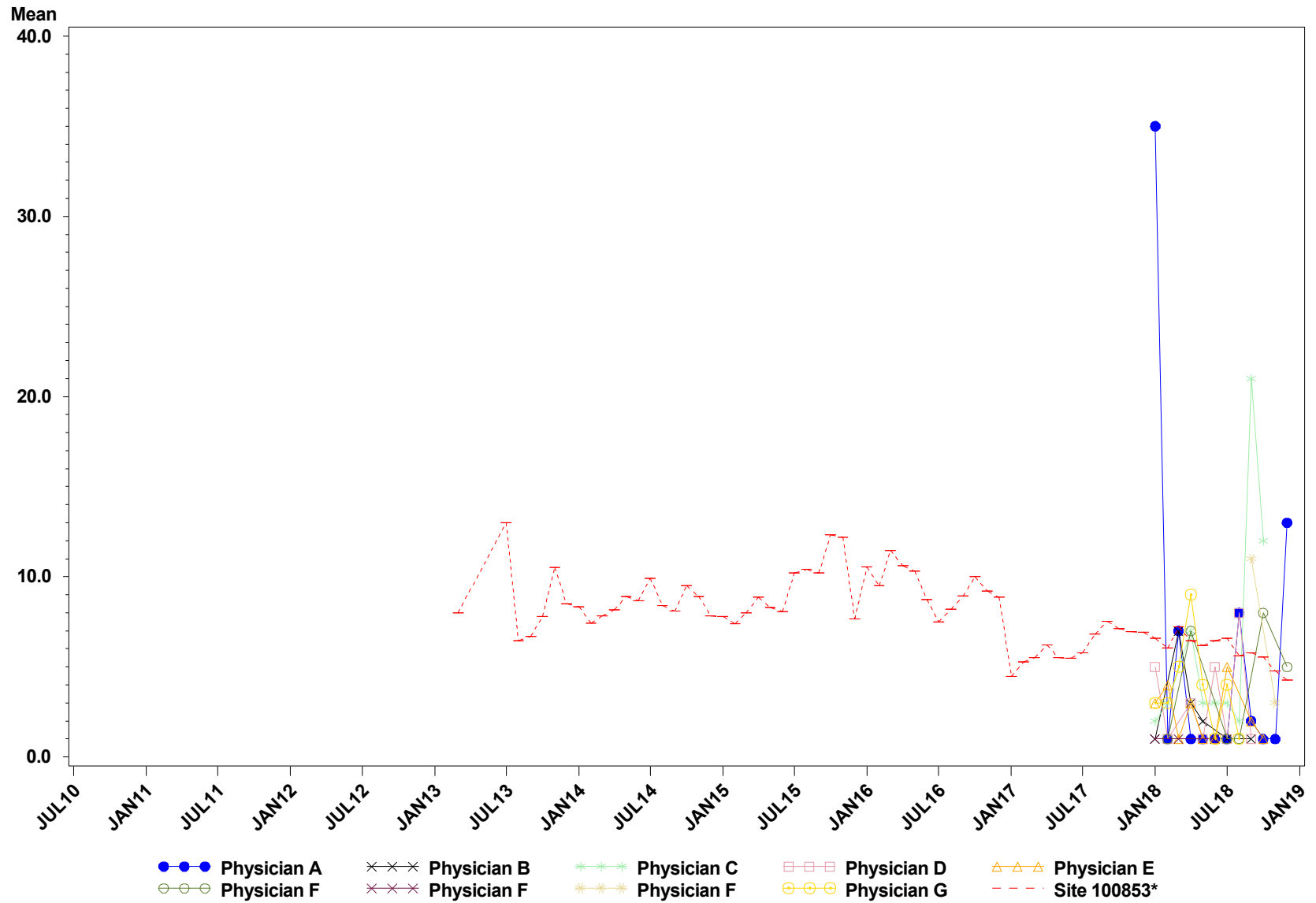
GRID Process Measure Variation by Physician (Boxplot)
Ultrasound turnaround time (hours)



*****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.***

GRID Process Measure Variation by Physician (Trend Graph)

Ultrasound turnaround time (hours)



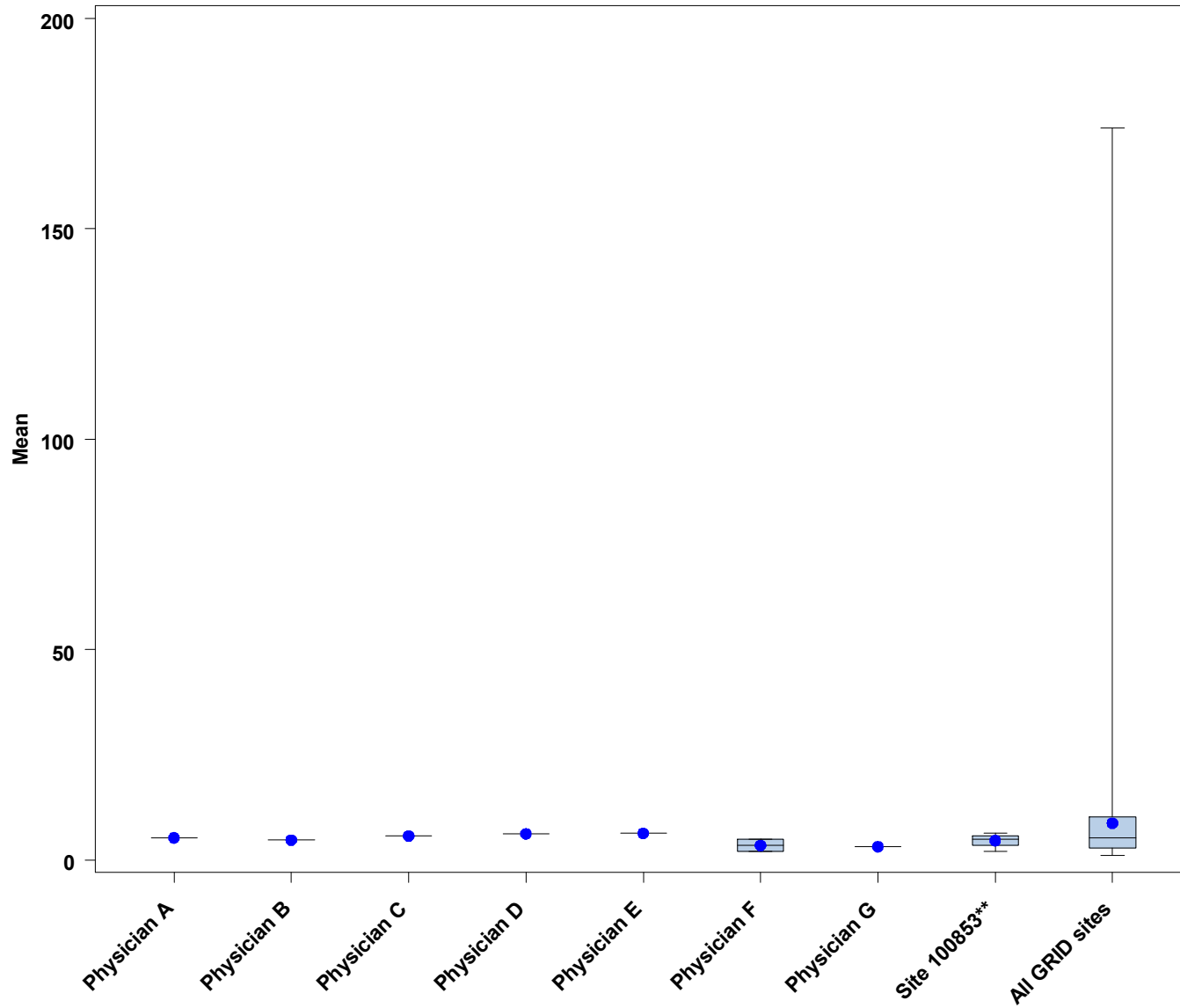
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
MRI turnaround time (hours)

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	873	961	898	1442	546	729	160	5609	612692
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									214

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

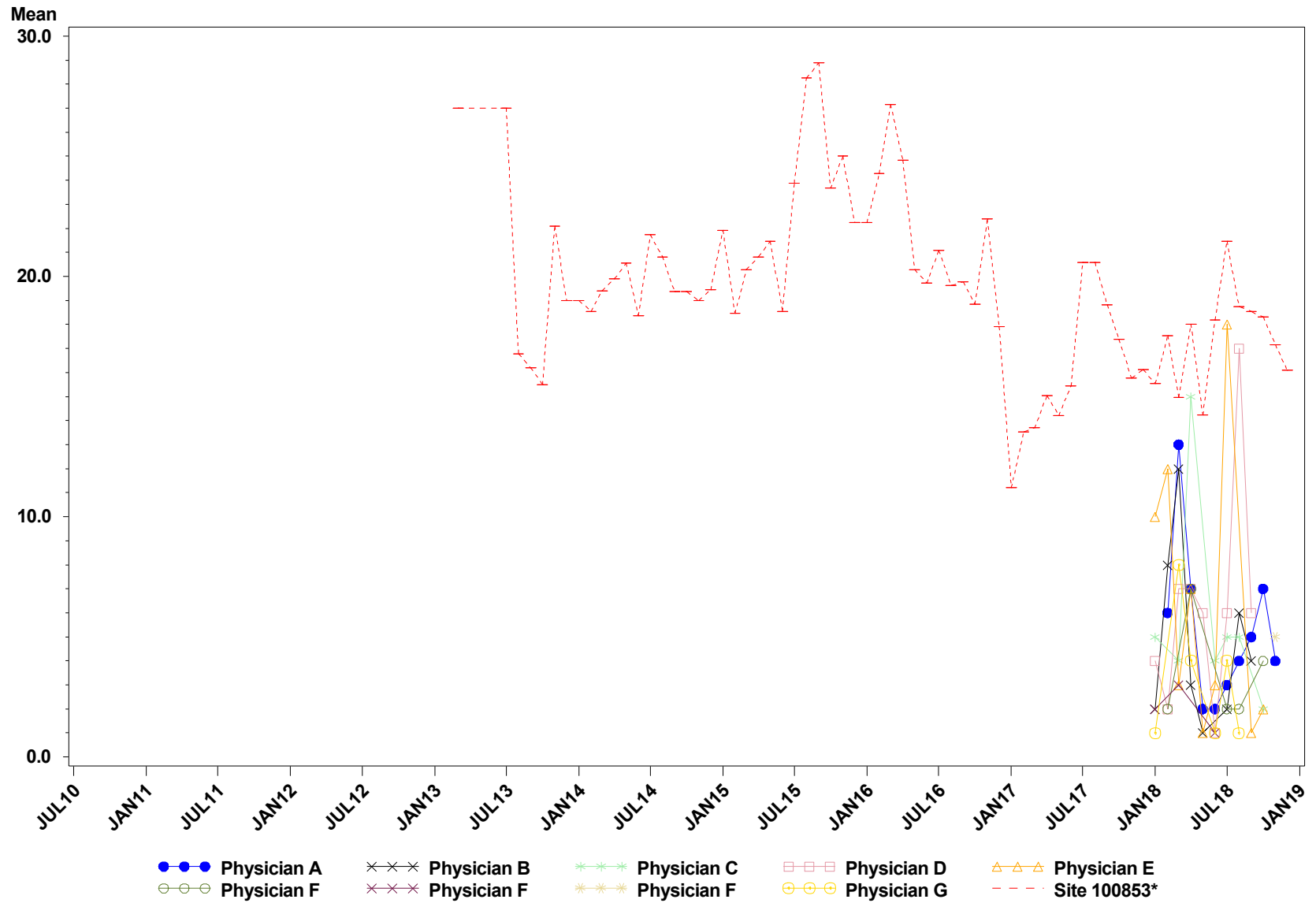
GRID Process Measure Variation by Physician (Boxplot)
MRI turnaround time (hours)



*****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.***

GRID Process Measure Variation by Physician (Trend Graph)

MRI turnaround time (hours)



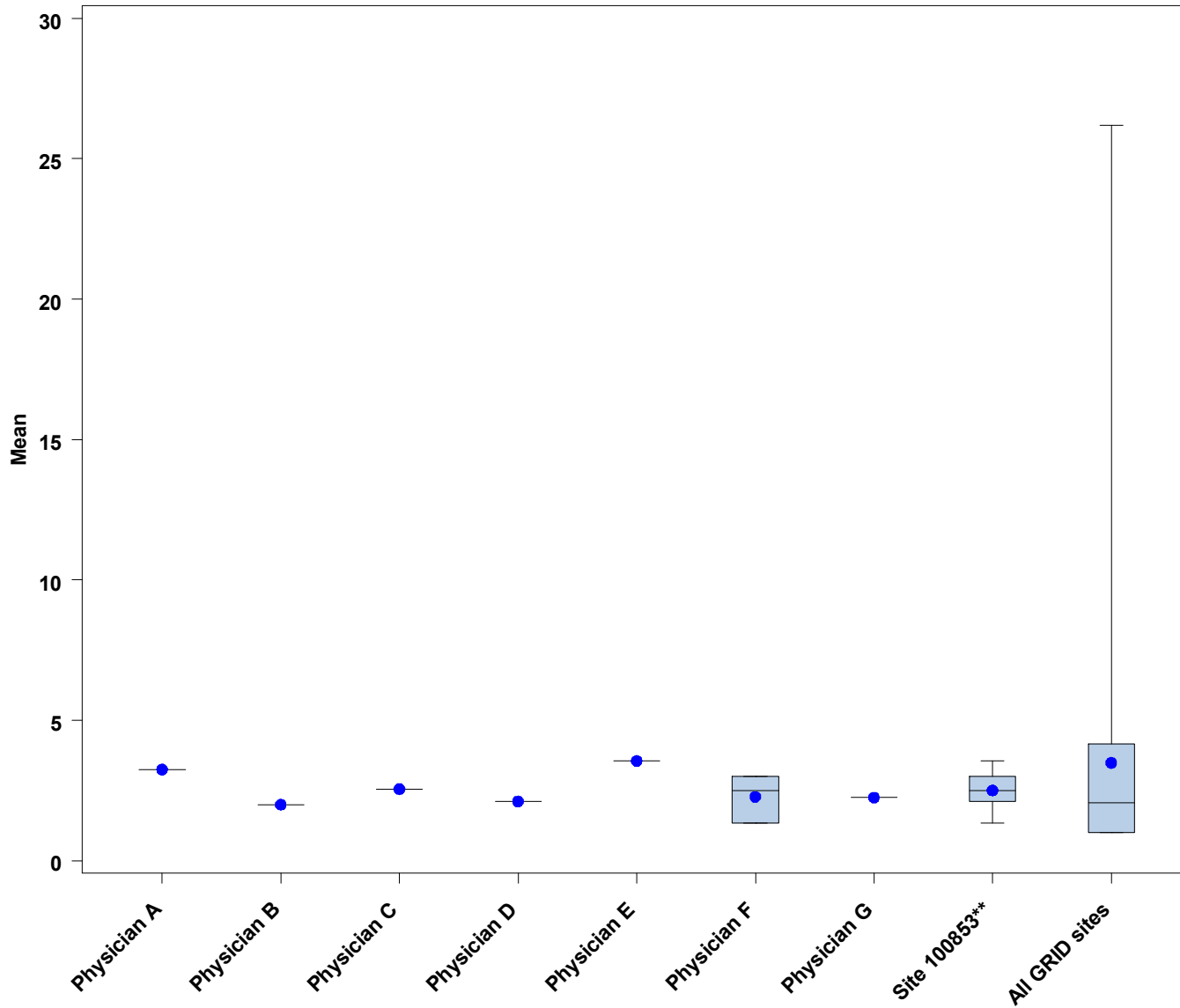
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
CT turnaround time (hours)

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	3484	3042	3073	3161	2220	3381	2604	20965	1370124
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									254

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

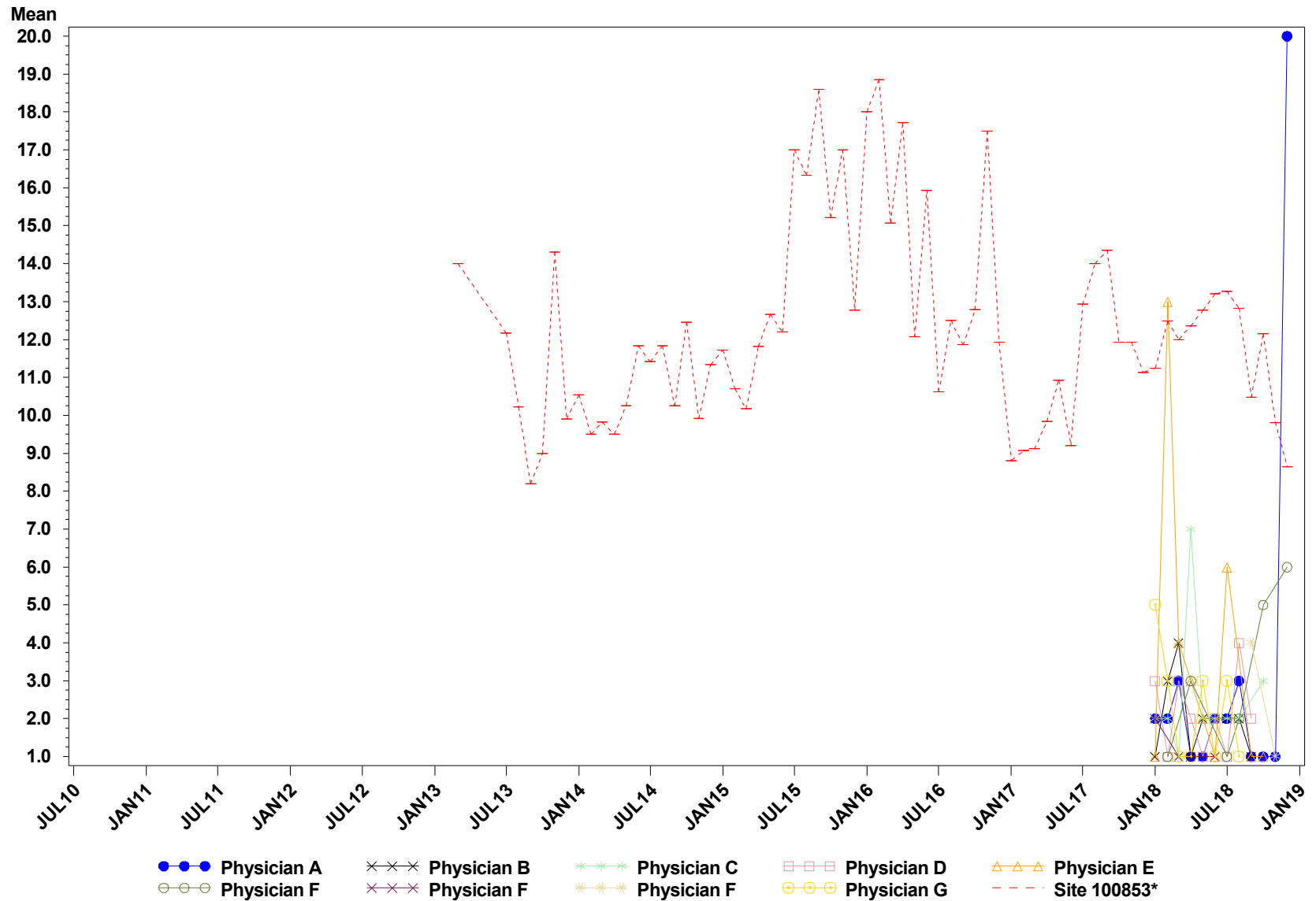
GRID Process Measure Variation by Physician (Boxplot)
CT turnaround time (hours)



*****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.***

GRID Process Measure Variation by Physician (Trend Graph)

CT turnaround time (hours)



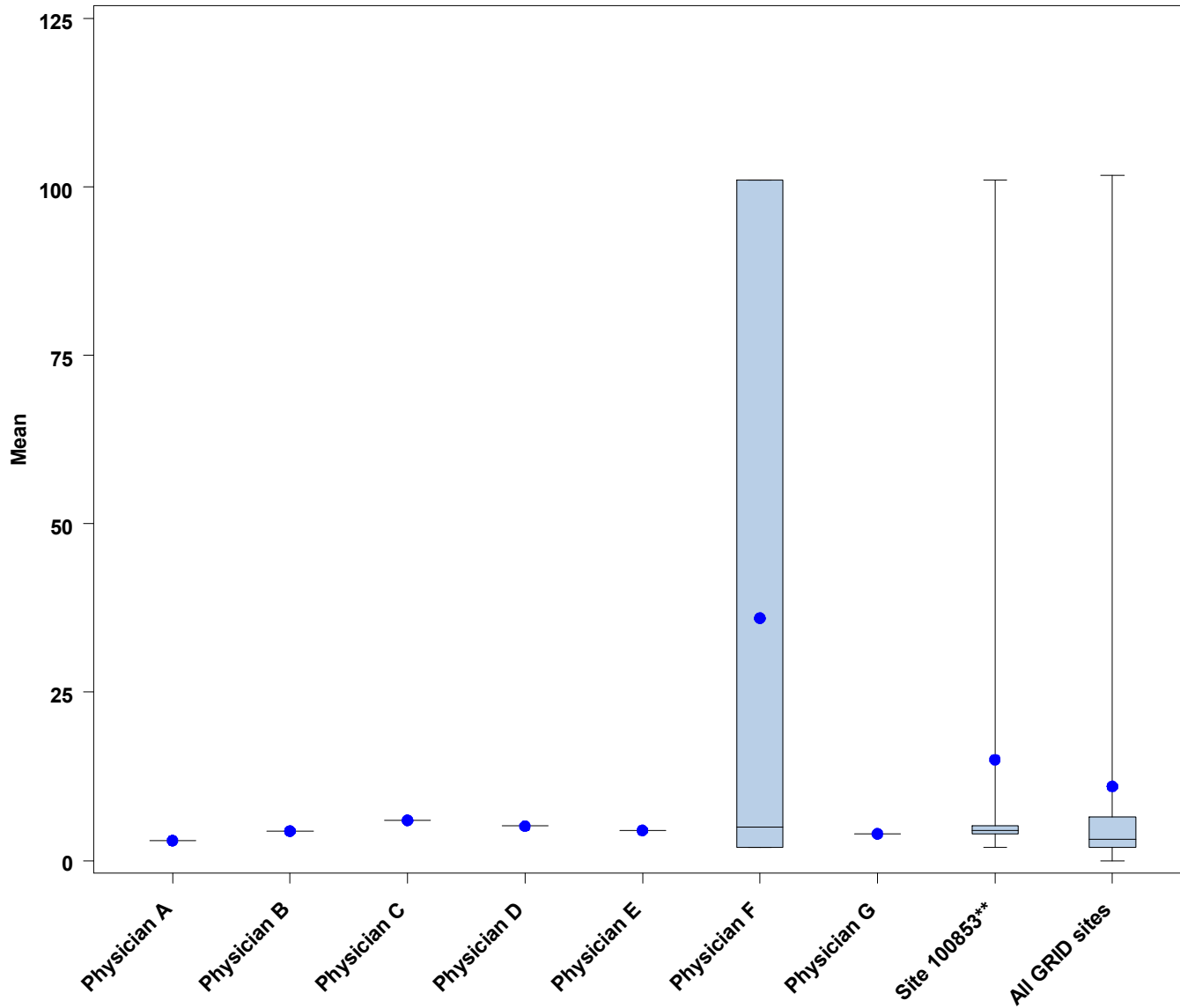
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
PET turnaround time (hours)

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	30	54	54	62	38	45	1	284	38288
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									88

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

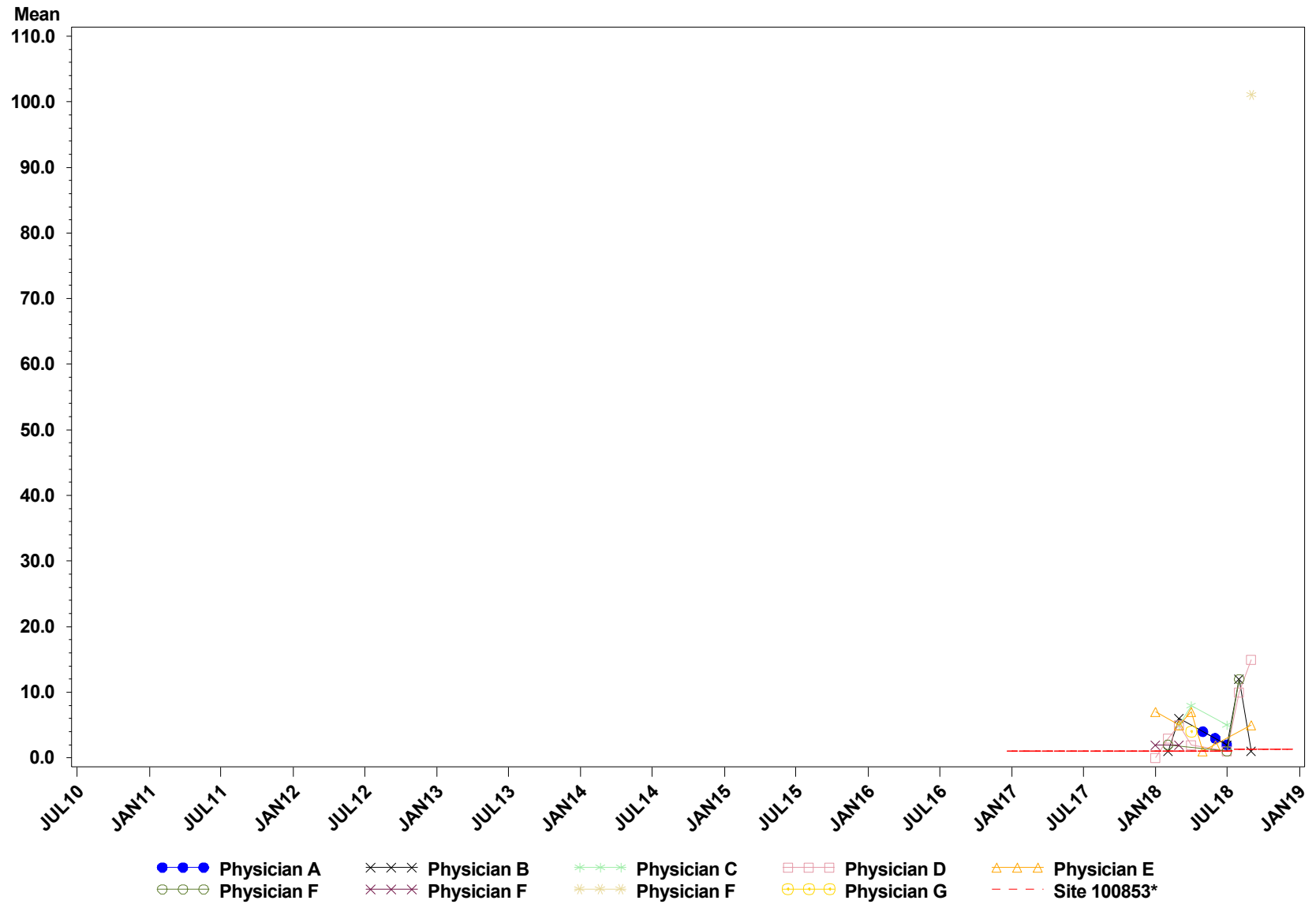
GRID Process Measure Variation by Physician (Boxplot) *PET turnaround time (hours)*



****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

GRID Process Measure Variation by Physician (Trend Graph)

PET turnaround time (hours)



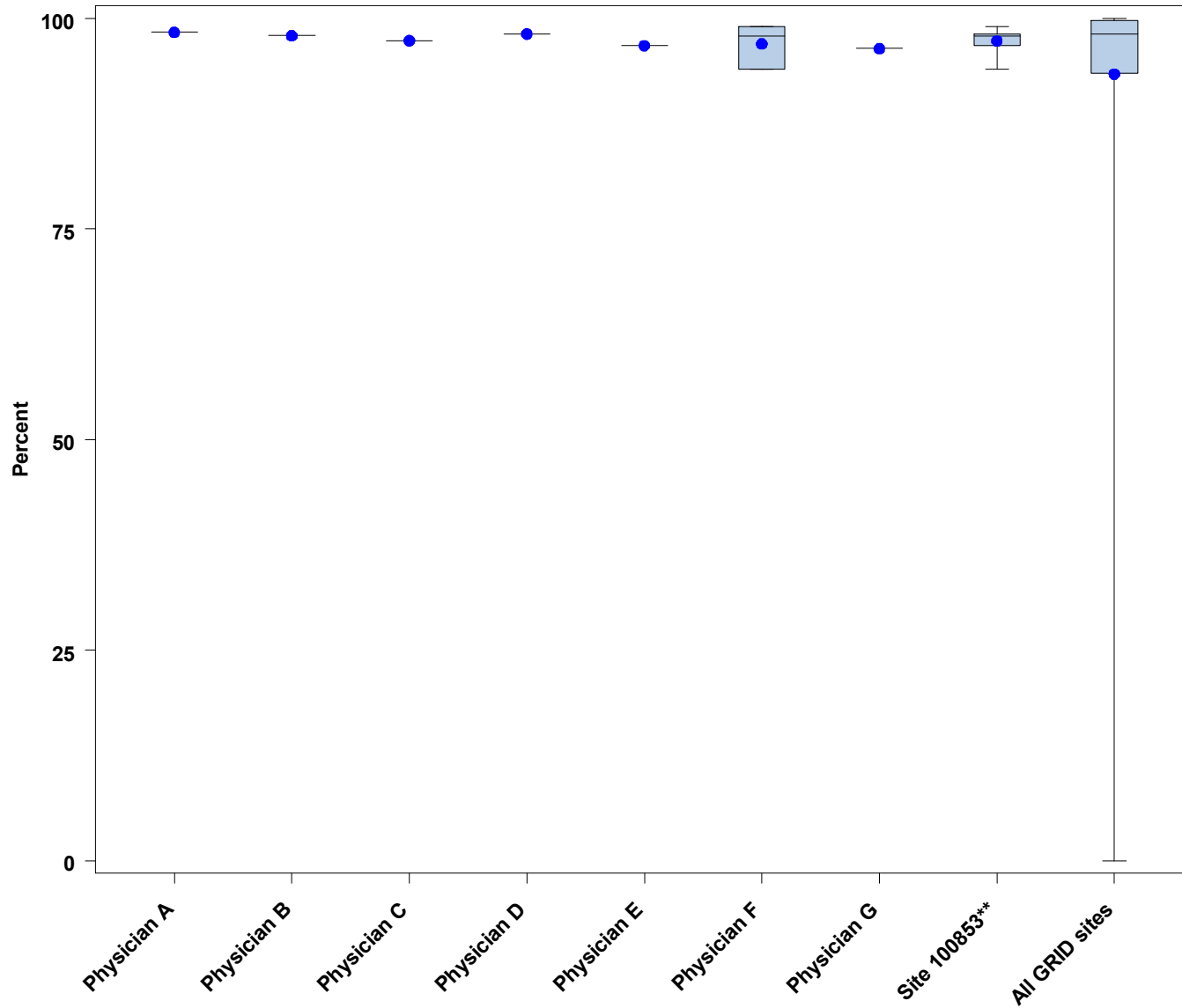
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
Radiography - percent exams signed within 12 hours

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	6774	5198	5689	5741	5431	6655	5255	40743	2821904
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									304

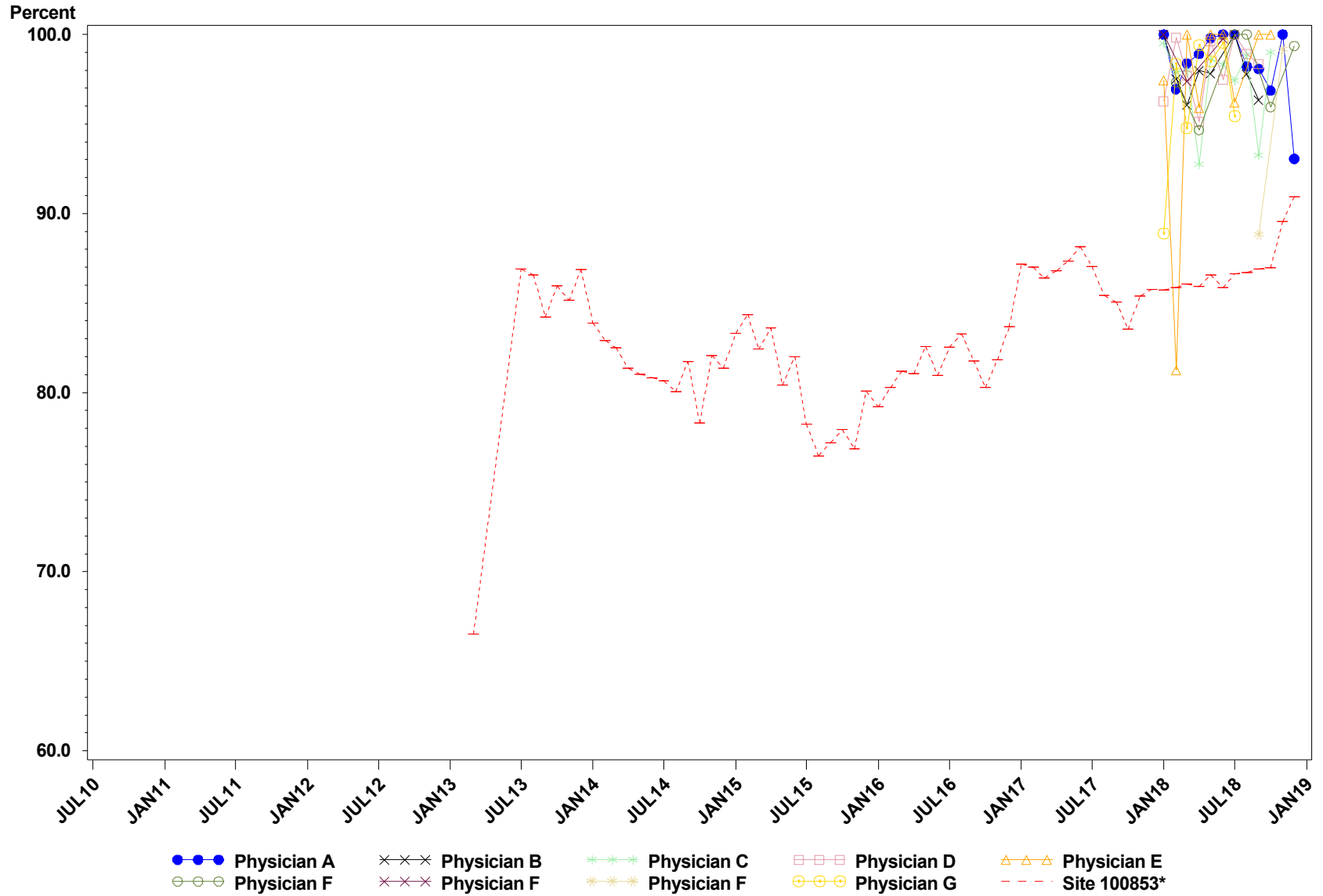
****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

GRID Process Measure Variation by Physician (Boxplot)
Radiography - percent exams signed within 12 hours



*****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.***

GRID Process Measure Variation by Physician (Trend Graph) ***Radiography - percent exams signed within 12 hours***



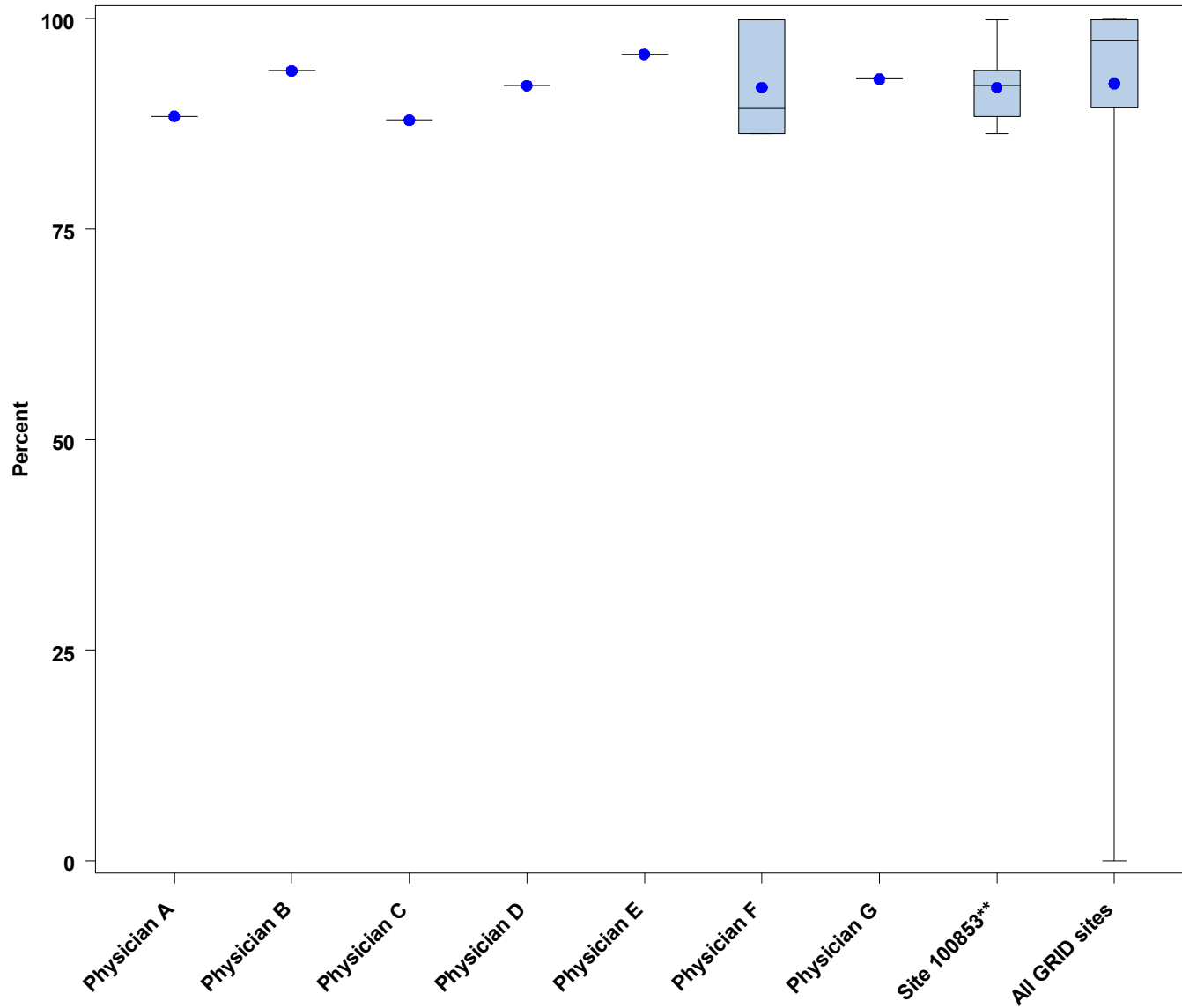
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
Ultrasound - percent exams signed within 12 hours

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	1207	527	1075	1000	971	1410	1310	7500	900407
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									284

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

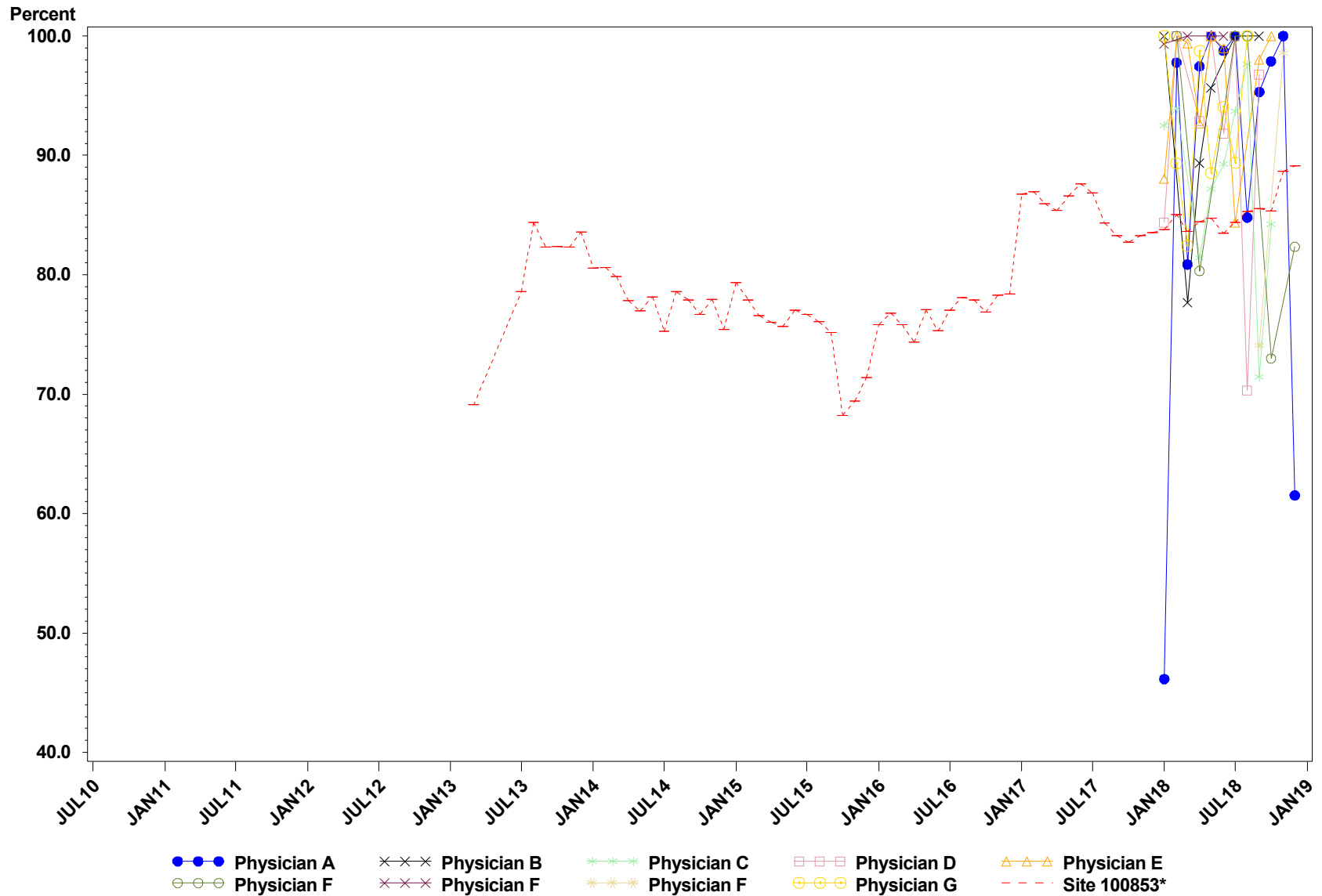
GRID Process Measure Variation by Physician (Boxplot)
Ultrasound - percent exams signed within 12 hours



****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

GRID Process Measure Variation by Physician (Trend Graph)

Ultrasound - percent exams signed within 12 hours



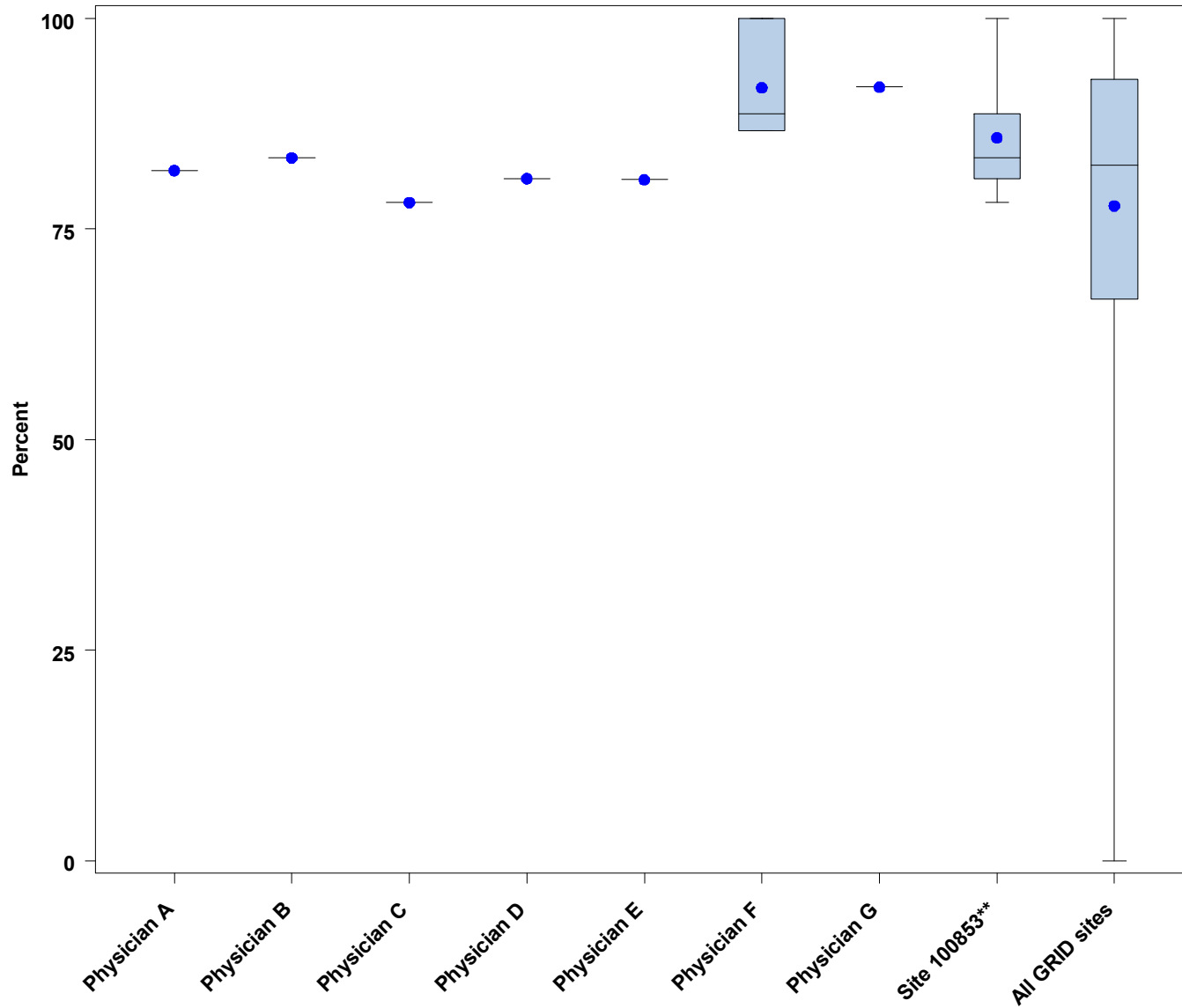
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
MRI - percent exams signed within 12 hours

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	873	961	898	1442	546	729	160	5609	612692
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									269

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

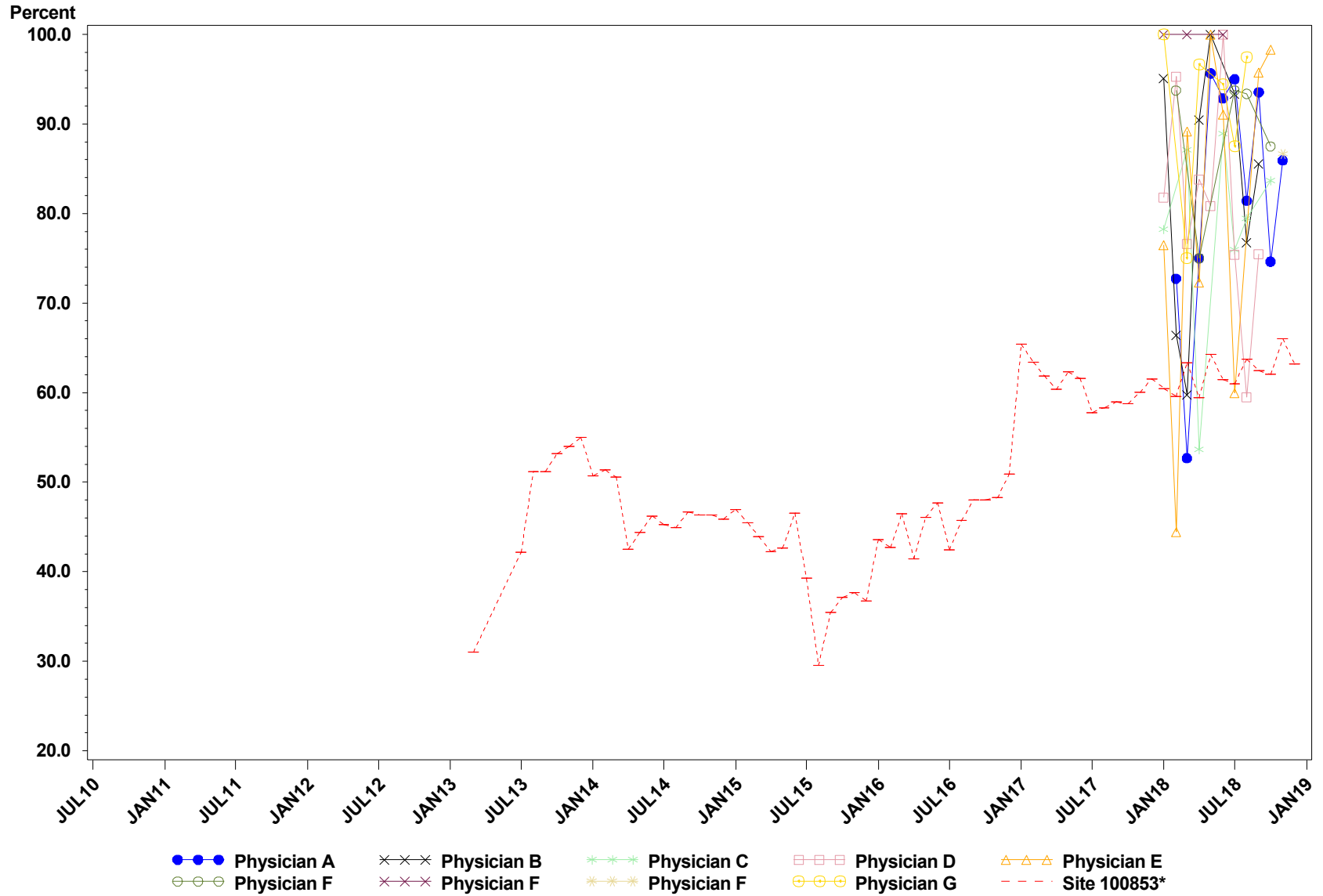
GRID Process Measure Variation by Physician (Boxplot)
MRI - percent exams signed within 12 hours



*****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.***

GRID Process Measure Variation by Physician (Trend Graph)

MRI - percent exams signed within 12 hours



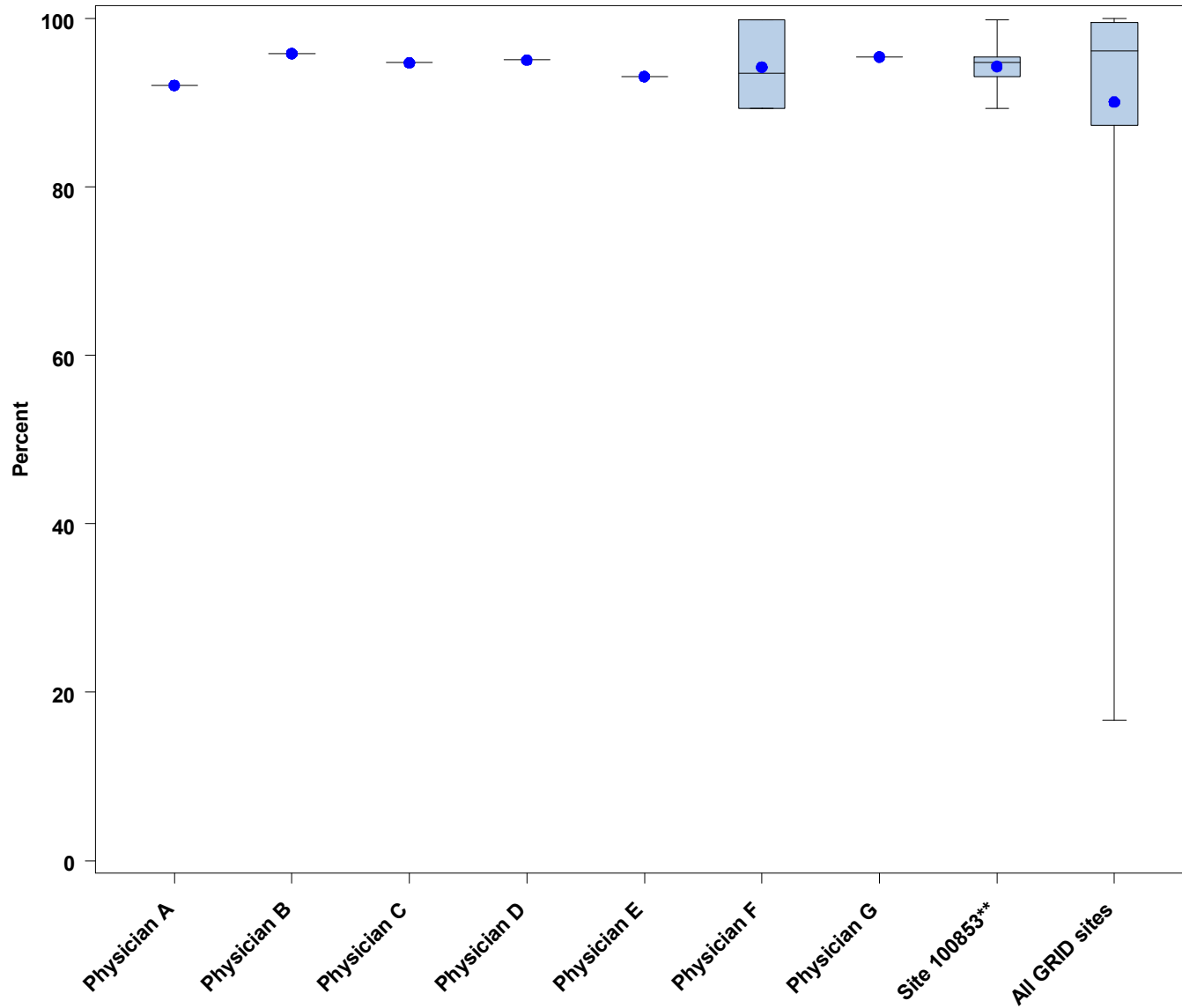
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
CT - percent exams signed within 12 hours

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	3484	3042	3073	3161	2220	3381	2604	20965	1370124
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									311

****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

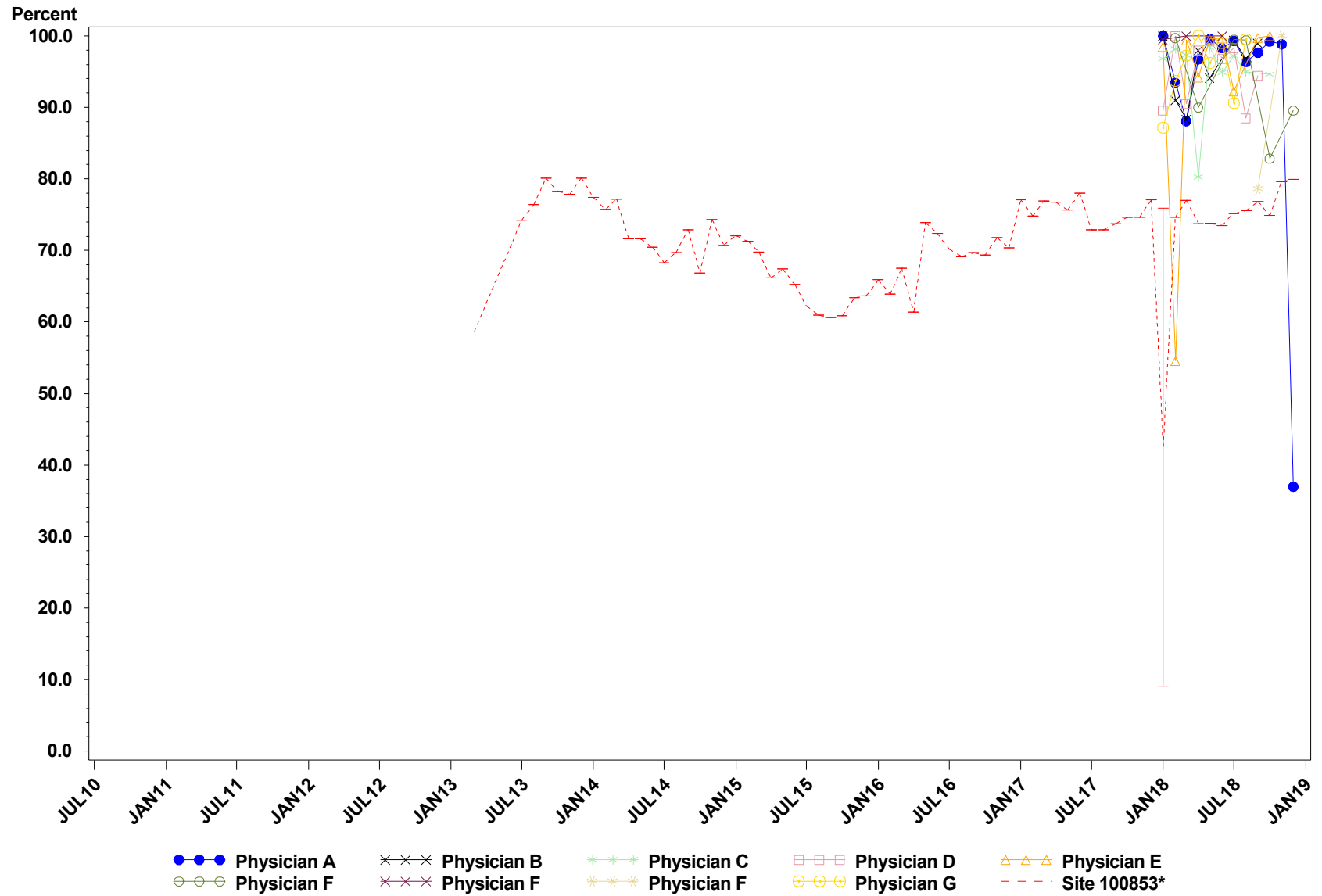
GRID Process Measure Variation by Physician (Boxplot)
CT - percent exams signed within 12 hours



*****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.***

GRID Process Measure Variation by Physician (Trend Graph)

CT - percent exams signed within 12 hours



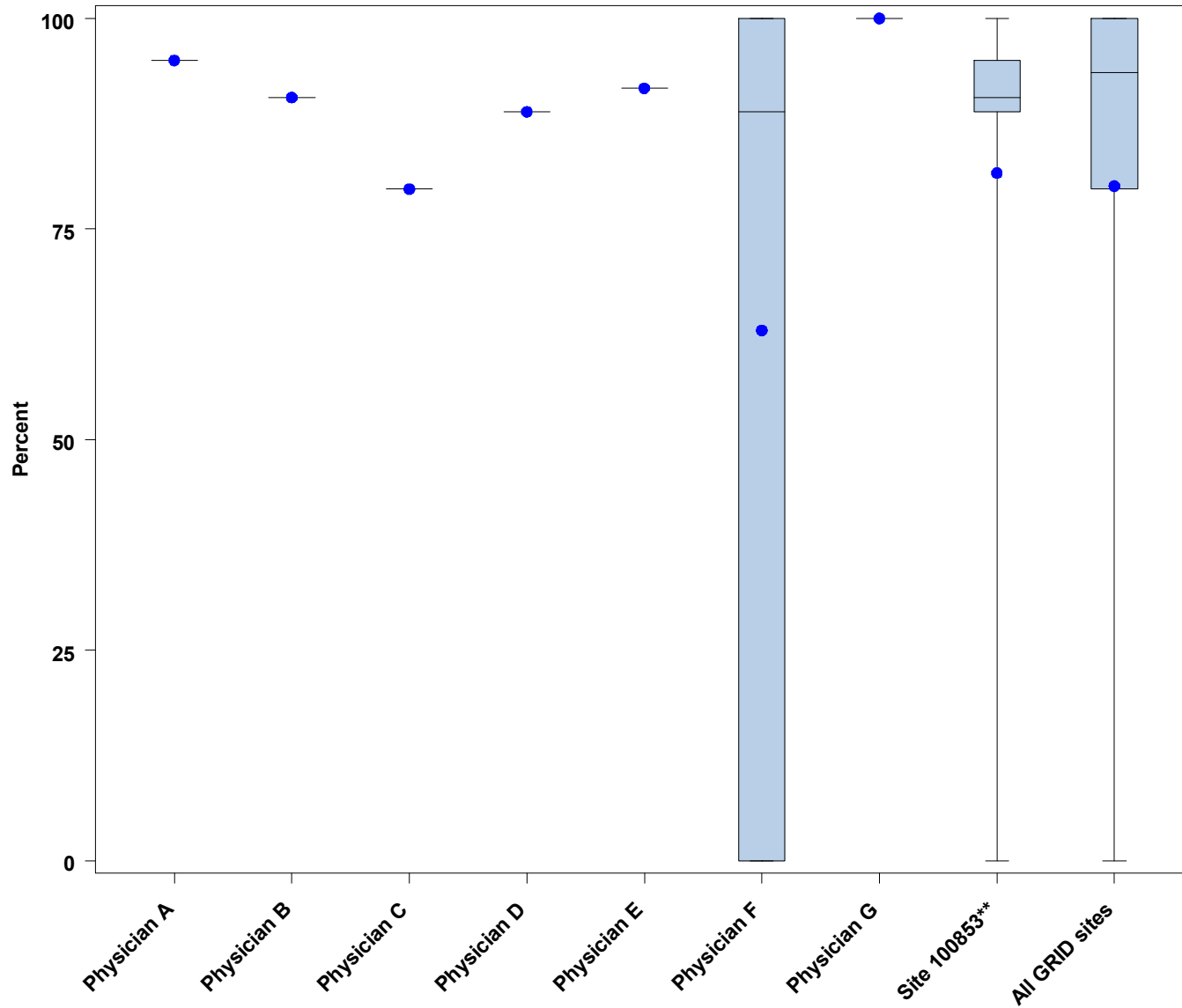
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
PET - percent exams signed within 12 hours

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	30	54	54	62	38	45	1	284	38288
Forms	1	1	1	1	1	3	1		
Physicians								9	
Facilities									102

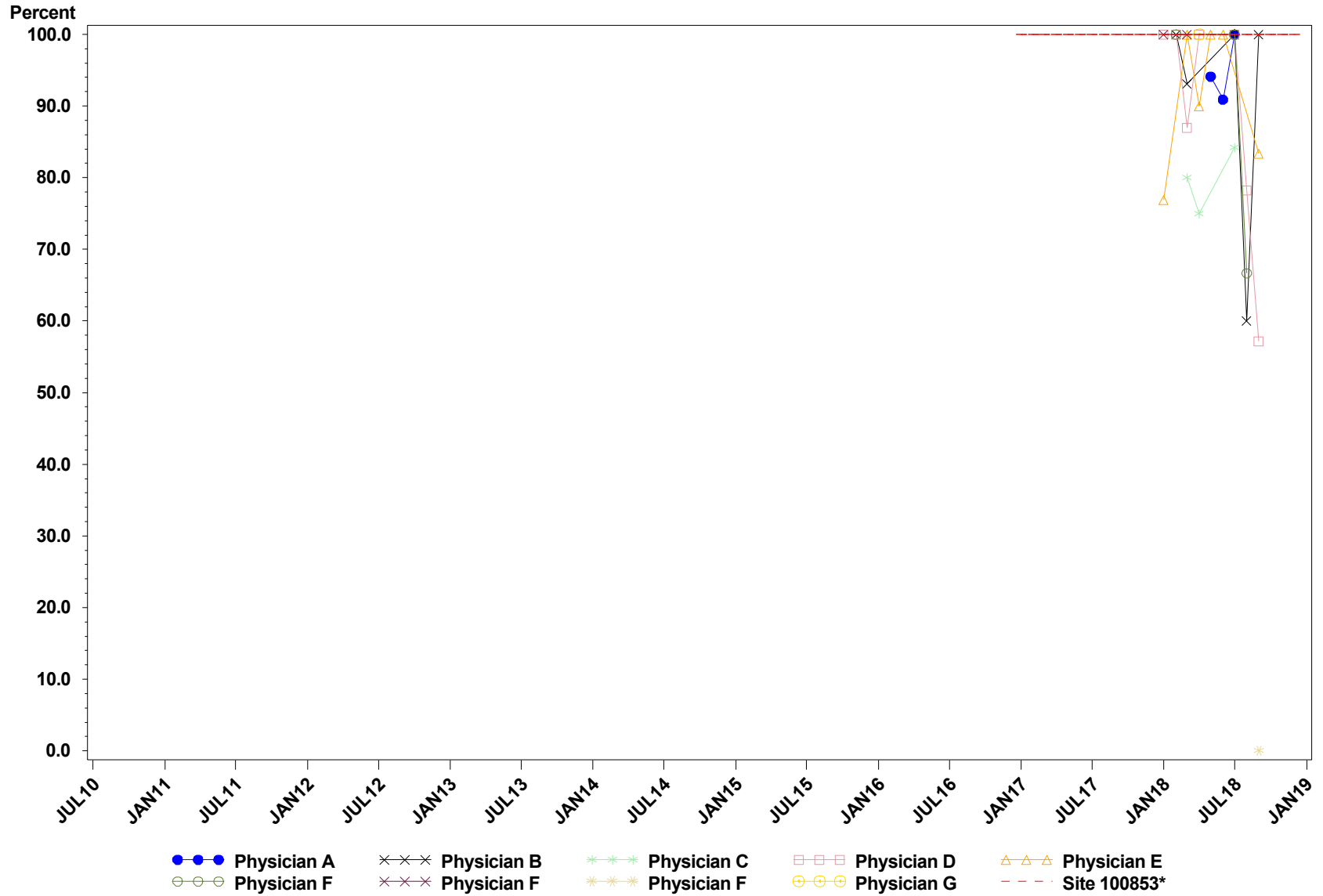
****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

GRID Process Measure Variation by Physician (Boxplot)
PET - percent exams signed within 12 hours



****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

GRID Process Measure Variation by Physician (Trend Graph)
PET - percent exams signed within 12 hours



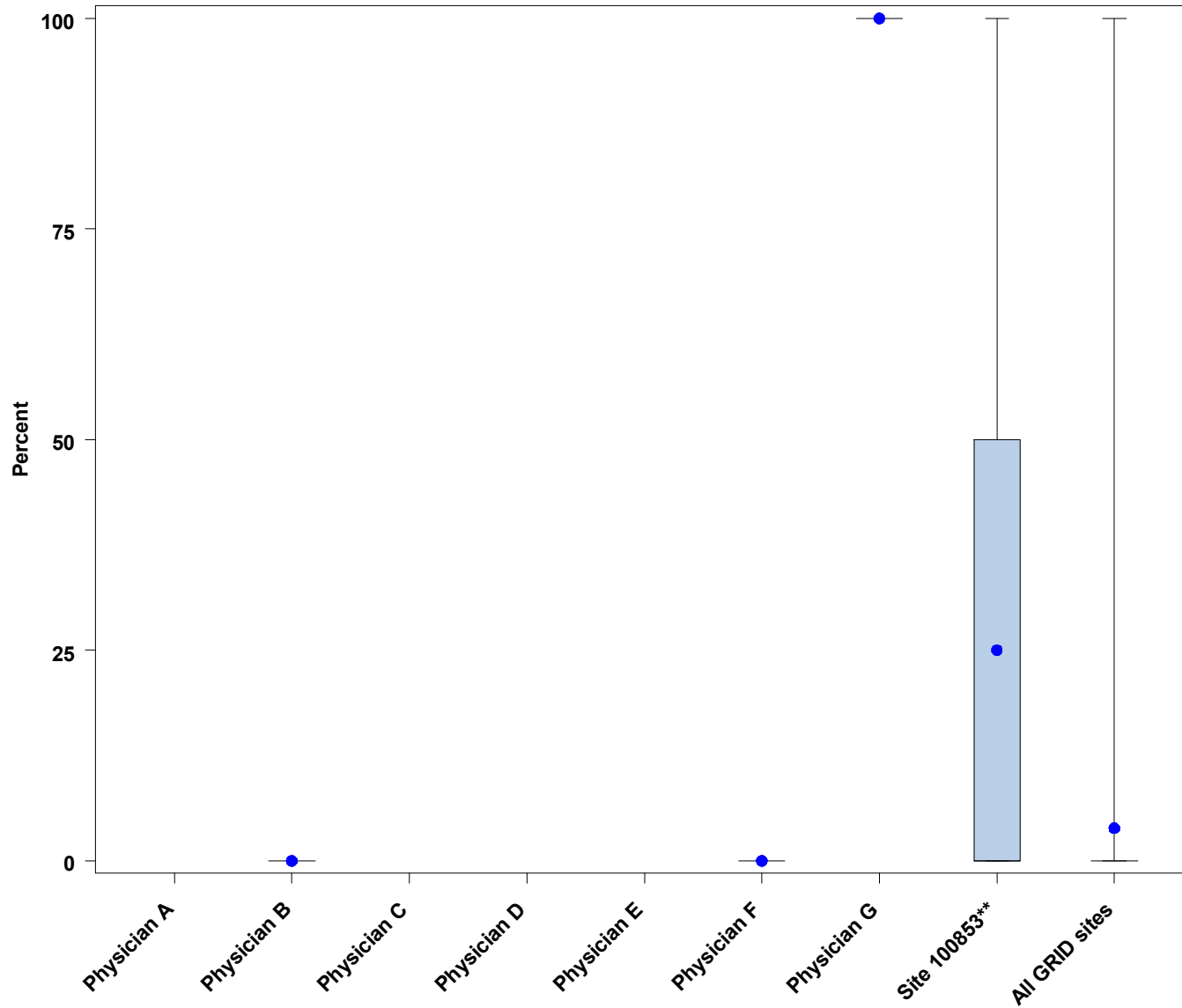
**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

GRID Process Measure Variation by Physician (Table)
Non-concordant stereo breast biopsy(percent)

N	Physician A	Physician B	Physician C	Physician D	Physician E	Physician F	Physician G	Site 100853**	All GRID sites
Exams	0	1	0	0	0	5	4	10	2663
Forms	0	1	0	0	0	2	1		
Physicians								4	
Facilities									37

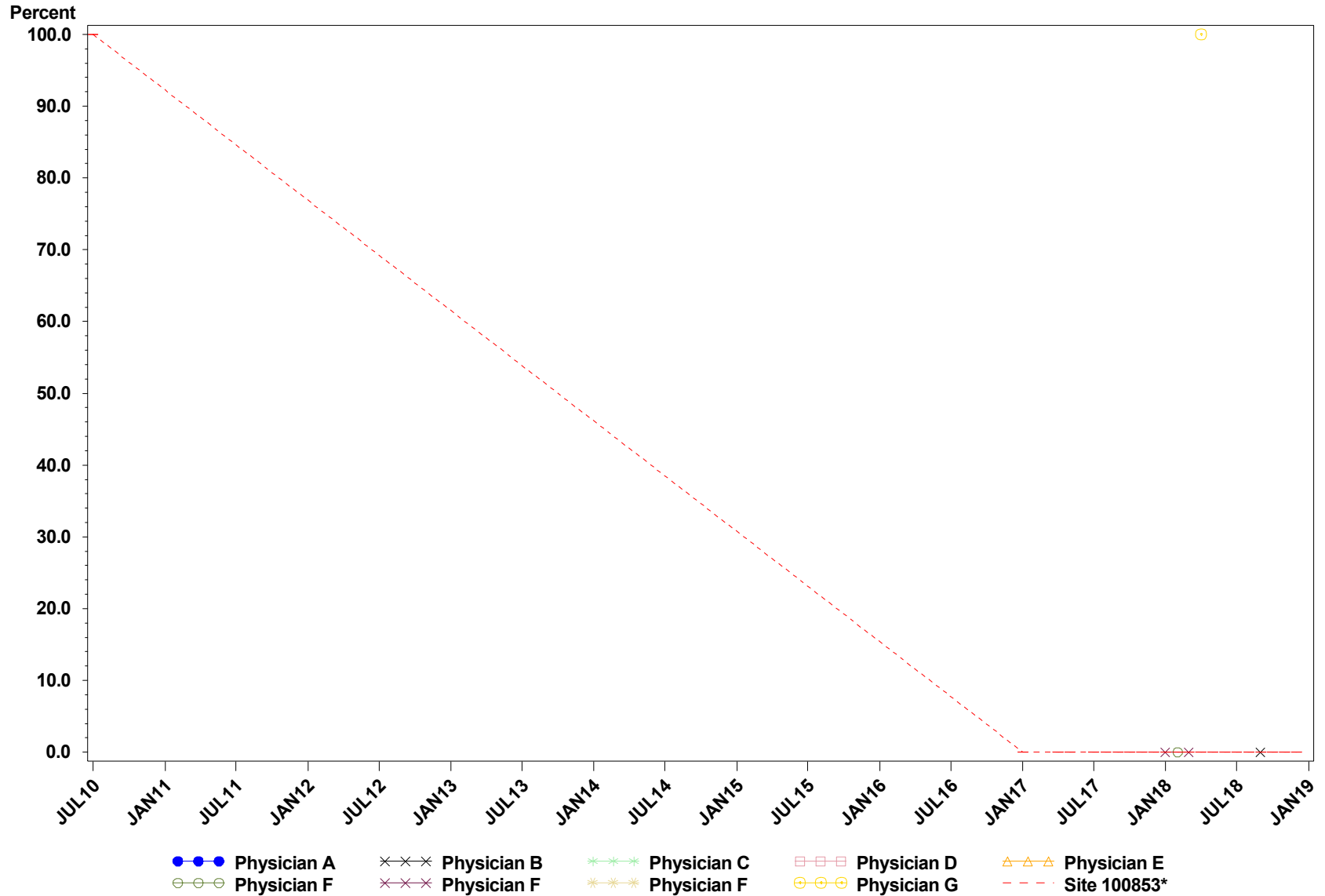
****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

GRID Process Measure Variation by Physician (Boxplot)
Non-concordant stereo breast biopsy(percent)



****Values presented for the site reflect the aggregate of data reported by physician, rather than data reported on the GRID Facility Report.**

GRID Process Measure Variation by Physician (Trend Graph)
Non-concordant stereo breast biopsy(percent)



**The trend line for the site represents data from the Monthly Facility Report, rather than the aggregate physician data.*

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