

Summary of Annual Results of External Review of PCI Cases by Calendar Year

Measure	2018		2019		2020		2021	
	Value	Range	Value	Range	Value	Range	Value	Range
Number of hospitals reporting results	21	N/A	21	N/A	19	N/A	19	N/A
Number of cases reviewed	818	12 to 89	832	16 to 96	619	18 to 60	492	20 to 47
Number of lesions reviewed	1,047	13 to 123	1013	20 to 122	771	13 to 72	602	28 to 58
Percentage of successful or partially successful lesions treated	94.9%	N/A	95.7%	N/A	94.7%	N/A	94.8%	N/A
Percentage of cases with complications related to the procedures	5.3%	N/A	5.9%	N/A	6.5%	N/A	7.3%	N/A
Percentage of cases where alternative therapy was not applicable	81.6%	N/A	82.1%	N/A	81.7%	N/A	80.8%	N/A
Percentage of cases where alternative therapy was needed, but not discussed	51.4%	N/A	47.6%	N/A	39.5%	N/A	35.9%	N/A
Evaluation of Appropriateness								
Angiographic Appropriateness	2018		2019		2020		2021	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Appropriate lesions	988	94.4%	927	91.5%	753	92.4%	558	92.7%
Maybe appropriate lesions	56	5.3%	76	7.5%	60	7.4%	41	6.8%
Rarely appropriate lesions	3	0.3%	10	1.0%	2	0.2%	2	0.3%
Clinical Appropriateness	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Appropriate lesions	907	86.6%	842	83.1%	677	84.8%	507	86.7%
Maybe appropriate lesions	136	13.0%	162	16.0%	115	14.4%	74	12.6%
Rarely appropriate lesions	4	0.4%	9	0.9%	6	0.8%	4	0.7%
ACC/AHA Appropriateness Criteria	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Appropriate lesions	856	81.8%	814	80.4%	609	78.4%	484	84.5%
Maybe appropriate lesions	142	13.6%	133	13.1%	101	13.0%	49	8.6%
Rarely appropriate lesions	4	0.4%	8	0.8%	5	0.6%	4	0.7%
Lesions not addressed	45	4.30%	58	5.7%	62	8.0%	36	6.3%

*Two hospitals used reporting periods that spread across two calendar years (i.e. March-August/September-February).

** In some cases, the number of *Appropriate* and *Maybe Appropriate* lesions were grouped together.

***For cases considered *Rarely Appropriate* , additional external reviewers were engaged in 78% of cases.