

Data Supplement S2a: Agreement between each ED visit definition (± 2 day)¹

		Provider Claim Definition ¹		Total
		+	-	
Yale CORE Definition ²	+	4,197,848 (75.47%)	956,264 (17.19%)	5,154,112 (92.66%)
	-	1,202 (0.02%)	406,963 (7.32%)	408,165 (7.34%)
Total		4,199,050 (75.49%)	1,363,277 (24.51%)	5,562,277
		Facility Claim Definition ²		Total
		+	-	
Yale CORE Definition ²	+	4,803,232 (86.35%)	350,880 (6.31%)	5,154,112 (92.66%)
	-	0 (0.00%)	408,165 (7.34%)	408,165 (7.34%)
Total		4,803,232 (86.35%)	759,045 (13.65%)	5,562,277
		ResDAC Definition ³		Total
		+	-	
Yale CORE Definition ²	+	4,880,052 (87.73%)	274,060 (4.93%)	5,154,112 (92.66%)
	-	406,911 (7.32%)	1,174 (0.02%)	408,165 (7.34%)
Total		5,287,043 (95.05)	275,234 (4.95%)	5,562,277

¹provider claims with date of service +/- 2 days from the facility claim date of service are considered overlapping and to represent the same ED visit

² Yale CORE Definition is significantly different from all other three definitions with P-value < 0.0001

Data Supplement S2b: Agreement between each ED visit definition (± 3 day)¹

		Provider Claim Definition ¹		Total
		+	-	
Yale CORE Definition ²	+	4,197,848 (75.74%)	937,554 (16.92%)	5,135,402 (92.66%)
	-	1,142 (0.02%)	405,924 (7.32%)	407,066 (7.34%)
Total		4,198,990 (75.76%)	1,343,478 (24.24%)	5,542,468
		Facility Claim Definition ²		Total
		+	-	
Yale CORE Definition ²	+	4,809,896 (86.78%)	325,506 (5.87%)	5,135,402 (92.66%)
	-	0 (0.00%)	407,066 (7.34%)	407,066 (7.34%)
Total		4,809,896 (86.78%)	732,572 (13.22%)	5,542,468
		ResDAC Definition ³		Total
		+	-	
Yale CORE Definition ²	+	4,877,205 (88.18%)	248,197 (4.48%)	5,135,402 (92.66%)
	-	405,952 (7.32%)	1,114 (0.02%)	407,066 (7.34%)
Total		5,293,157 (95.50%)	249,311 (4.50%)	5,542,468

¹Provider claims with date of service +/- 3 days from the facility claim date of service are considered overlapping and to represent the same ED visit

² Yale CORE Definition is significantly different from all other three definitions with P-value < 0.0001