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## Summary of Epidemiologic Measures for Screening

	<b>Sensitivity</b>	<b>Specificity</b>	<b>Positive Predictive Value</b>	<b>Negative Predictive Value</b>
<b>Abbreviation</b>	Sn	Sp	PPV	NPV
<b>Synonyms</b>			Positive Value Predictive	Negative Value Predictive
<b>Interpretation in words</b>	Proportion of people with condition who test positive	Proportion of people without condition who test negative	Proportion of people with a positive test result who actually have the condition	Proportion of people with a negative test result who do not have the condition
<b>Numerator</b>	True positives	True negatives	True positives	True negatives
<b>Denominator</b>	Cases	Non-cases	Positive tests	Negative tests
<b>Formula</b> (2x2 table abbreviations)	$a/(a+c)$	$d/(b+d)$	$a/(a+b)$	$d/(c+d)$
<b>Units</b>	NONE	NONE	NONE	NONE
<b>Range</b>	0 - 1	0 - 1	0 - 1	0 - 1
<b>Common scaling factor</b>	Percent	Percent	Percent	Percent
<b>Common study designs where this measure is used</b>	Screening development trials	Screening development trials	Screening development trials	Screening development trials
<b>Associated measures</b>				

<b>2x2 Table (Screening)</b>	Diseased	Non-diseased
Test Positive	a	b
Test Negative	c	d

