

**Impact of ZAPS Test-Preparation on Raising ACT Scores
by Low-Performing, Mid-Performing and High-Performing Students**

BASED ON ACT COMPOSITE SCORE

ACT Composite Score Changes (after ZAPS)

N = 445 Score Change	ZAPS Test-Preparation Between Two Administrations of the ACT	
	Frequency	Percent
+4 or more	109	24.5%
+3	90	20.2%
+2	88	19.8%
+1	83	18.7%
0	50	11.2%
-1	15	3.4%
-2	3	0.7%
-3 or more	7	1.6%
Lower Scores on the Second Attempt	25	5.6%
Higher Scores on the Second Attempt	370	83.1%

Low-Performing Students (scored below 18 on the first ACT attempt)

N = 192 Score Change	ZAPS Test-Preparation Between Two Administrations of the ACT	
	Frequency	Percent
+4 or more	56	29.2%
+3	33	17.2%
+2	37	19.3%
+1	30	15.6%
0	23	12.0%
-1	10	5.2%
-2	1	0.5%
-3 or more	2	1.0%
Lower Scores on the Second Attempt	13	6.8%
Higher Scores on the Second Attempt	156	81.3%

**Impact of ZAPS Test-Preparation on Raising ACT Scores
by Low-Performing, Mid-Performing and High-Performing Students**

BASED ON ACT COMPOSITE SCORE

Mid-Performing Students (scored 19-23 on the first ACT attempt)

N = 163 Score Change	ZAPS Test-Preparation Between Two Administrations of the ACT	
	Frequency	Percent
+4 or more	39	23.9%
+3	39	23.9%
+2	28	17.2%
+1	40	24.5%
0	12	7.4%
-1	1	0.6%
-2	1	0.6%
-3 or more	3	1.8%
Lower Scores on the Second Attempt	5	3.1%
Higher Scores on the Second Attempt	146	89.6%

High-Performing Students (scored 24 or higher on the first ACT attempt)

N = 90 Score Change	ZAPS Test-Preparation Between Two Administrations of the ACT	
	Frequency	Percent
+4 or more	14	15.6%
+3	18	20.0%
+2	23	25.6%
+1	13	14.4%
0	15	16.7%
-1	4	4.4%
-2	1	1.1%
-3 or more	2	2.2%
Lower Scores on the Second Attempt	7	7.8%
Higher Scores on the Second Attempt	68	75.6%