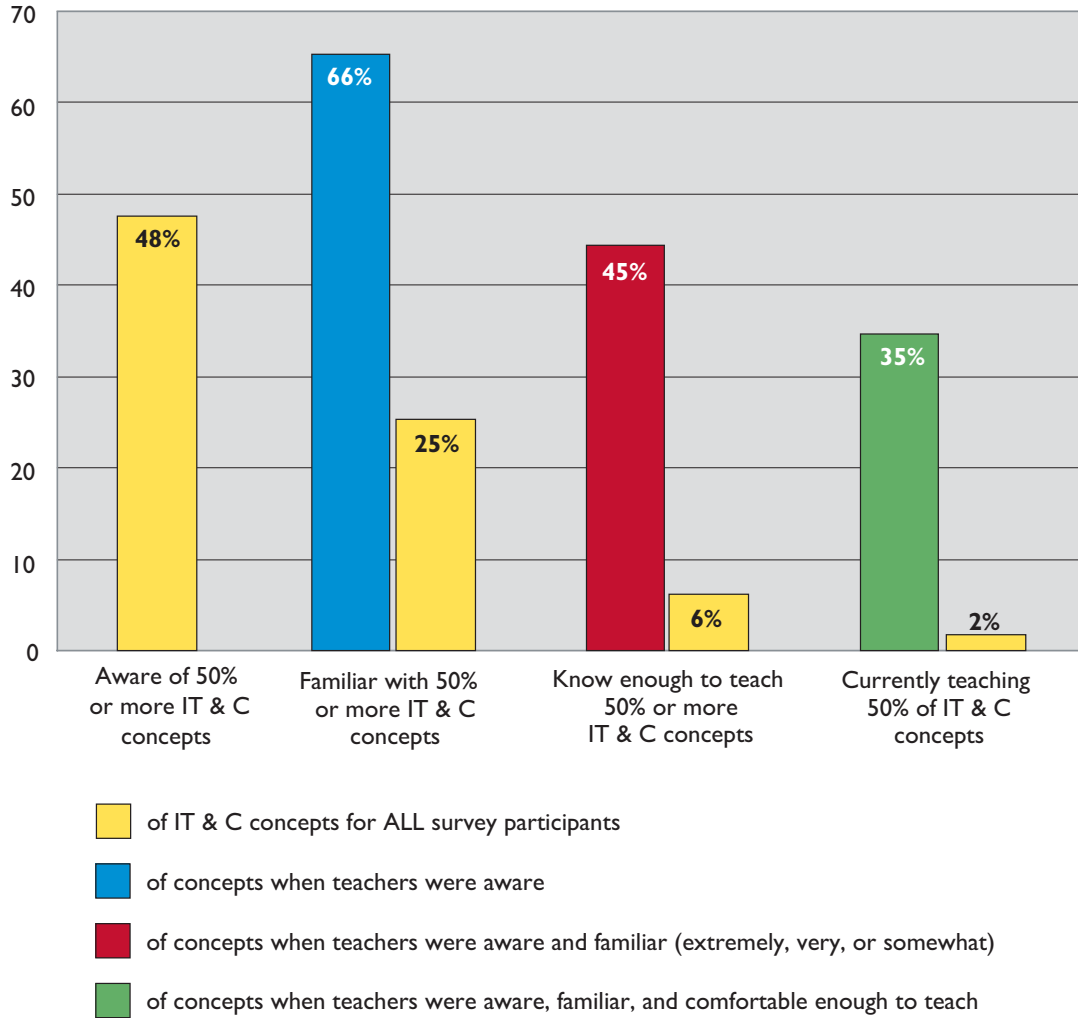


# SUMMARY TABLES BY CATEGORY

## INFORMATION TECHNOLOGY AND COMMUNICATIONS

### Information Technology and Communications Concepts Summary



## SUMMARY TABLES BY CATEGORY

### INFORMATION TECHNOLOGY AND COMMUNICATIONS

**Middle School/High School Comparison -  
Information Technology and Communications Concepts**

	Awareness		Extremely/very/ Somewhat Familiar		Enough Understanding to Teach		Currently Teaching	
	Middle School (%)	High School (%)	Middle School (%)	High School (%)	Middle School (%)	High School (%)	Middle School (%)	High School (%)
<b>Artificial Intelligence</b>	<b>79</b>	<b>88</b>	61	63	<b>33</b>	<b>33</b>	12	10
<b>Algorithms</b>	80	76	61	64	<b>54</b>	<b>59</b>	<b>66</b>	<b>49</b>
<b>Data Warehousing &amp; Mining</b>	<b>22</b>	<b>32</b>	50	58	<b>23</b>	<b>33</b>	15	17
<b>Graph Theory</b>	<b>18</b>	<b>34</b>	65	73	<b>42</b>	<b>66</b>	42	39
<b>Modeling Complex Nonlinear Systems</b>	<b>16</b>	<b>32</b>	<b>49</b>	<b>68</b>	<b>23</b>	<b>54</b>	33	33
<b>Quantum Computing</b>	<b>23</b>	<b>30</b>	29	73	<b>4</b>	<b>21</b>	0	13

Pairs of columns in **BOLD** are significantly different from each other ( $p < .05$ )