

■ **TABLE 11.3** Types of Research Obtained by Crossing Research Objective and Time Dimension

Research Objective	Time Dimension		
	Retrospective	Cross-Sectional	Longitudinal
Descriptive	retrospective, descriptive study. (type 1)	cross-sectional, descriptive study. (type 2)	longitudinal, descriptive study. (type 3)
Predictive	retrospective, predictive study. (type 4)	cross-sectional, predictive study. (type 5)	longitudinal, predictive study. (type 6)
Explanatory	retrospective, explanatory study. (type 7)	cross-sectional, explanatory study. (type 8)	longitudinal, explanatory study. (type 9)

Source: Adapted from Johnson (2001).