

	PBS&J Hurricane Evacuation Analysis Dec. 1991 (1990 Census)	2000 Miller Model (1990 Census & PSC) Final Report in 2001	2004 Miller Update (2000 Census)	2008 Statewide Regional Evacuation Study Program South Florida Behavioral Survey Report		SRESP / Base Scenarios		SRESP / Operational Scenarios		2006 South Florida Regional Hurricane Evacuation Traffic Study (SFRPC)			
						2010	2015	2010	2015				
	Same behavioral parameters of 1989 ACOE study			Sample size (n=400)									
	7 evac zones	7 evac zones	7 evac zones			5 evac zones	5 evac zones	5 evac zones	5 evac zones	5 evac zones			
Number of People per M.H. Unit	Zone 1 - 2.44 2 - 2.31 3 - 2.25 4 - 1.97 5 - 2.27 6 - 2.27	Zone 1 - 2.44 2 - 2.31 3 - 2.25 4 - 1.97 5 - 2.27 6 - 2.27 7 - 2.11	Zone 1 - 2.44 2 - 2.31 3 - 2.25 4 - 1.97 5 - 2.27 6 - 2.27 7 - 2.11			Aggregated for 98 census block groups Zone 1 = 2.41 Zone 2 = 2.02 Zone 3 = 2.03 Zone 4 = 1.99 Zone 5 = 2.00		Aggregated for 98 census block groups Zone 1 = 2.41 Zone 2 = 2.02 Zone 3 = 2.03 Zone 4 = 1.99 Zone 5 = 2.00		Zone 1 = 2.62 Zone 2 = 1.95 Zone 3 = 1.98 Zone 4 = 2.02 Zone 5 = 2.03			
Number of People per Permanent Unit	Zone 1 - 2.44 2 - 2.31 3 - 2.25 4 - 1.97 5 - 2.27 6 - 2.27	Zone 1 - 2.44 2 - 2.31 3 - 2.25 4 - 1.97 5 - 2.27 6 - 2.27 7 - 2.11	Zone 1 - 2.44 2 - 2.31 3 - 2.25 4 - 1.97 5 - 2.27 6 - 2.27 7 - 2.11			Aggregated for 98 census block groups Zone 1 = 2.27 Zone 2 = 2.32 Zone 3 = 2.22 Zone 4 = 2.29 Zone 5 = 1.81		Aggregated for 98 census block groups Zone 1 = 2.27 Zone 2 = 2.32 Zone 3 = 2.22 Zone 4 = 2.29 Zone 5 = 1.81		Zone 1 = 2.24 Zone 2 = 2.31 Zone 3 = 2.22 Zone 4 = 2.25 Zone 5 = 1.85			
Number of People per Tourist Unit	Zone 1 - 2.90 2 - 3.76 3 - 2.75 4 - 2.53 5 - 12.80 6 - 12.90	Zone 1 - 2.90 2 - 3.76 3 - 2.75 4 - 2.53 5 - 3.00 6 - 3.00 7 - 3.00	Zone 1 - 2.90 2 - 3.76 3 - 2.75 4 - 2.53 5 - 3.00 6 - 3.00 7 - 3.00			3.00 for all 98 census block groups				Zone 1 = 3.00 Zone 2 = 3.00 Zone 3 = 3.00 Zone 4 = 3.00 Zone 5 = 3.00			
Number of Vehicles per Occupied Permanent Unit	Zone 1 - 1.80 2 - 1.80 3 - 1.82 4 - 2.00 5 - 2.00 6 - 2.00	1 - 1.35 2 - 1.76 3 - 1.39 4 - 1.65 5 - 1.76 6 - 1.61 7 - 1.58	1 - 1.36 2 - 1.74 3 - 1.56 4 - 1.65 5 - 1.71 6 - 1.83 7 - 1.43	Key West 1.5 Lower 2.6 Middle 1.8 Upper 1.8 (available vehicles - page 65)	Key West 1.5 Lower 1.3 Middle 1.3 Upper 1.4 (vehicles used in evacuation - page 65)	Aggregated for 98 census block groups Zone 1 = 1.33 Zone 2 = 1.74 Zone 3 = 1.58 Zone 4 = 1.79 Zone 5 = 1.51		Aggregated for 98 census block groups Zone 1 = 1.33 Zone 2 = 1.74 Zone 3 = 1.58 Zone 4 = 1.79 Zone 5 = 1.51		Zone 1 = 1.34 Zone 2 = 1.73 Zone 3 = 1.56 Zone 4 = 1.74 Zone 5 = 1.69			
Number of Vehicles per Occupied Mobile Home Unit	Zone 1 - 1.80 2 - 1.80 3 - 1.82 4 - 2.00 5 - 2.00 6 - 2.00	1 - 1.35 2 - 1.76 3 - 1.39 4 - 1.65 5 - 1.76 6 - 1.61 7 - 1.58	1 - 1.36 2 - 1.74 3 - 1.56 4 - 1.65 5 - 1.71 6 - 1.83 7 - 1.43	Key West 1.5 Lower 2.6 Middle 1.8 Upper 1.8 (available vehicles - page 65)	Key West 1.5 Lower 1.3 Middle 1.3 Upper 1.4 (vehicles used in evacuation - page 65)	Aggregated for 98 census block groups Zone 1 = 1.34 Zone 2 = 1.68 Zone 3 = 1.49 Zone 4 = 1.65 Zone 5 = 1.50		Aggregated for 98 census block groups Zone 1 = 1.34 Zone 2 = 1.68 Zone 3 = 1.49 Zone 4 = 1.65 Zone 5 = 1.50		Zone 1 = 1.34 Zone 2 = 1.73 Zone 3 = 1.56 Zone 4 = 1.74 Zone 5 = 1.69			
Number of Vehicles per Tourist Unit	Zone 1 - 1.04 2 - 1.04 3 - 1.05 4 - 1.10 5 - 1.10 6 - 1.10	1 - 1.04 2 - 1.04 3 - 1.05 4 - 1.10 5 - 1.10 6 - 1.10 7 - 1.10	Zone 1 - 1.04 2 - 1.04 3 - 1.05 4 - 1.10 5 - 1.10 6 - 1.10 7 - 1.10			1.10 for all 98 census block groups				Zone 1 = 1.10 Zone 2 = 1.10 Zone 3 = 1.10 Zone 4 = 1.10 Zone 5 = 1.10			
% Participation of M.H. Units	95%	95%	95%			100%	100%	Level A = 65% Level B = 75% Level C = 85% Level D = 90% Level E = 95%	Level A = 65% Level B = 75% Level C = 85% Level D = 90% Level E = 95%	100%			
% Participation of Other Units	60% lower keys (1 & 2) 80% middle keys (3) 85% upper keys (4-7)	Zone 1 - 60% 2 - 60% 3 - 80% 4 - 85% 5 - 85% 6 - 85% 7 - 85%	Zone 1 - 60% 2 - 60% 3 - 80% 4 - 85% 5 - 85% 6 - 85% 7 - 85%	Would leave if mandatory evacuation notice is given for a Cat 3 Hurricane (page 36) Key West 77% Lower 69%	Would leave if mandatory evacuation notice is given for a Cat 5 Hurricane (page 36) Key West 89% Lower 91%	100%	100%	Level A = 35-40% Level B = 40-50% Level C = 70% Level D = 80% Level E = 90%	Level A = 35-40% Level B = 40-50% Level C = 70% Level D = 80% Level E = 90%	62% participation rate of permanent occupied units for categories 1-2; 100% participation rate of permanent occupied units for categories 3-5 (page 12)			
% Occupancy of Permanent Dwelling Units		Zone 1 - 86% 2 - 71% 3 - 69% 4 - 57% 5 - 66% 6 - 65% 7 - 42%	Zone 1 - 84.10% 2 - 66.85% 3 - 58.95% 4 - 45.43% 5 - 57.99% 6 - 66.37%			Aggregated for 98 census block groups Zone 1 = 83.8% Zone 2 = 72.1% Zone 3 = 57.7% Zone 4 = 61.4% Zone 5 = 34.5%				Zone 1 = 83.9% Zone 2 = 72.1% Zone 3 = 57.7% Zone 4 = 61.5% Zone 5 = 34.4%	Zone 1 = 83.8% Zone 2 = 72.1% Zone 3 = 57.7% Zone 4 = 61.4% Zone 5 = 34.5%	Zone 1 = 83.9% Zone 2 = 72.1% Zone 3 = 57.8% Zone 4 = 61.5% Zone 5 = 34.4%	Zone 1 = 84.1% Zone 2 = 72.1% Zone 3 = 60.9% Zone 4 = 61.8% Zone 5 = 38.5%
% Participation by Tourists Units at Risk	95%	100%	100%			100% (ahead of a general evacuation order for a Level C storm or higher)	100% (ahead of a general evacuation order for a Level C storm or higher)	100% (ahead of a general evacuation order for a Level C storm or higher)	100% (ahead of a general evacuation order for a Level C storm or higher)	100%			
% Occupancy of Tourist Units	45% low occupancy 75% high occupancy	Zone 1 - 72% 2 - 64% 3 - 64% 4 - 70% 5 - 70% 6 - 70% 7 - 70%	45% low occupancy			Defaults to 85% for all 98 census block groups, but can be adjusted as a scenario parameter				45% low occupancy 85% high occupancy (page 12)			
Vehicle Usage %	Zone 1 - 69% 2 - 69% 3 - 70% 4 - 71% 5 - 71% 6 - 71% 71%	Zone 1 - 69% 2 - 69% 3 - 70% 4 - 71% 5 - 71% 6 - 71% 7 - 71%	Zone 1 - 69% 2 - 69% 3 - 70% 4 - 71% 5 - 71% 6 - 71% 7 - 71%	Key West 90% Lower 75% Middle 80% Upper 85% (% of available vehicles used in evacuation)			Ranges from 75% to 90% (see Vol. 5-11, Section D)		80% vehicle usage of permanent occupied units, including mobile homes (page 13)				
Tourist Vehicle Usage %		100%	100%			100% of available vehicles (i.e., the estimated number of vehicles reflects the use of other means of transportation that tourists use to come and go from the Florida Keys)				100%			
% Distribution Public Shelters (Residents)		Zones 1 to 7 = 0%	Zones 1 to 7 = 0%			Site-built homes: 2% for storms of Level A to D; 5% for storms of Level E Mobile homes: 5% for storms of Level A to D; 10% for storms of Level E All sheltering for storms of Level C or higher is out-of-county (see Vol. 5-11, Section D)				Categories 3-5 Miami-Dade County - 1%			
(Perm. Residents) Friend/Relative		Zones 1 to 3 = 5% Zones 4-7 = 0%	Zones 1 to 3 = 5% Zones 4-7 = 0%			Site-built homes: Ranges from 50% to 75% Mobile homes: Ranges from 50% to 70% All sheltering for storms of Level C or higher is out-of-county (see Vol. 5-11, Section D)				Categories 3-5 Miami-Dade, Broward Counties - 44%			
Hotel/Motel		Zones 1 to 7 = 0%	Zones 1 to 7 = 0%			All non-residents are assumed to evacuate in advance of a general evacuation order; tourist destinations are not modeled in the 31 scenarios for South Florida				Categories 3-5 Miami-Dade, Broward Counties - 15%			
Out of County		Zones 1 to 3 = 95% Zones 4-7 = 100%	Zones 1 to 3 = 95% Zones 4-7 = 100%			Site-built homes: Ranges from 85% to 95% Mobile homes: 75% (see Vol. 5-11, Section D)				Categories 3-5 Out of South Florida - 40%			