

APPENDIX

Appendix Table A1: List of Commercial Demand Estimation Studies

Author	Elasticity Range
Lynne, Luppold, and Kiker (1978)	-0.17 (Motels/Hotels) to -1.07 (Department Stores)
Grebenstein and Field (1979)	-0.32 to -0.80
Babin, Willis, and Allen (1982)	-0.54 (Electric/Electronic) to -0.66 (Paper and Allied)
Schneider and Whitlatch (1991)	-0.23 (Commercial, short run)
Renzetti (1988)	-0.12 (Petrochemicals) to -0.54 (Light Industry)
Renzetti (1992)	-0.15 (Plastics and Rubber) to -0.58 (Pulp and Paper)
Renzetti (1993)	-0.30 (Manufacturing) to -1.14 (Metals)
Malla and Gopalakrishnan (1999)	-0.31 to -0.39 (Food Processing)
Dupont and Renzetti (2001)	-0.77 (Canada)
Wang and Lall (2002)	-1.00 (China)
Reynaud (2003)	-0.09 (Alcohol) to -0.73 (Extractive)
Moeltner and Stoddard (2004)	-0.23 (Eat and Drink) to -0.63 (Amusement/Recreation)
Kumar (2006)	-0.30 (Drug and Pharmaceutical) to -0.94 (Leather)
Angulo et al. (2014)	-0.38 (Hotels), insignificant in Bars/Cafes, Restaurants
Deyá-Tortella et al. (2016)	Insignificant

Appendix Table A2: Full List of Matched Business Types

Business Type	# of Premises
Administration Bldg	1
Armory	1
Auditorium	1
Automotive Center	12
Bank	35
Bar/Tavern	24
Barber/Beauty Shop	2
Barn	1
Bath Houses	5
Bowling Alley	1
Car Wash - Automatic	3

Car Wash - Drive thru	12
Car Wash - Self Service	11
Church	63
Clubhouse	8
College - Classrooms	2
Community Recreation Center	2
Community Shopping Center	33
Commuter Terminal, Airline, Bus	1
Convenience Store	48
Convlsnt Hosp Nursing Home	19
Day Care Center	15
Discount Store	40
Dispensary	4
Distribution Warehouse	4
Dormitory Residence Halls	3
Drive In Theatre	1
Drive-up Mini Banks	4
Equipment Building	1
Equipment Storage	6
Farm Utility Building	3
Fast Food Restaurant	44
Fire Station Staffed	8
Fraternal Building	3
Fraternity	13
Golf Course	2
Government Building	4
Greenhouse Shade Shelters	1
Group Care Homes	3
Health Club	6
Home For the Elderly	3
Hospital	7
Hotel - Full Service	6
Hotels - Limited Service	9
Indust Light Manufacturing	19

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Industrial Engineering & Research	26
Jail - Correctional Facility	1
Kennel	1
Laboratories	3
Library - Public	2
Light Commercial Utility	2
Loft - Industrial	13
Lumber Storage - Horizontal	2
Market	1
Material Storage Sheds	1
Medical Offices	108
Mini Lube Garage	8
Mini Warehouse	9
Mini-Mart Convenience Stores	1
Miscellaneous OB	1
Mixed Retail w/ Office Units	14
Mixed Retail w/ Res Units	2
Mortuary	2
Motel	5
Multiple - Residential	21
Multiple - Senior Citizens	3
Neighborhood Shopping Center	48
Nursery/Greenhouse	1
Office Building	305
Parking Lot	5
Parking Structure	2
Post Office	3
R V Parks	1
Recreational Pool Enclosure	3
Regional Shopping Center	4
Restaurant	99
Restroom Building/Concessions	2
Retail Store	141
Rooming Houses	1

School - Classroom	14
School - Elementary/Secondary	47
School - Gymnasium	4
Service Garage	73
Service Station	1
Shed - Equipment	2
Showroom	2
Storage - Material	2
Storage Garage	7
Storage Warehouse	102
Studio Loft	1
Supermarket	15
Supplemental Values	5
Surgical Center - Out patient	2
Theatre - Motion	4
Theatre - Stage	3
Underground Parking Garage	1
Veterinary Hospital	9
Veterinary Office	2
Warehouse Discount Store	2

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