

TABLE 1
HOWARD COUNTY SHARED PARKING METHODOLOGY
BASE PARKING RATIOS

LAND USE	WEEKDAY		WEEKEND		UNIT
	VISITOR	EMPLOYEE	VISITOR	EMPLOYEE	
COMMUNITY SHOPPING CENTER (<400 KSF)	2.90	0.70	3.20	0.80	/KSF GLA
REGIONAL SHOPPING CENTER (400 TO 600 KSF)	3.05	0.76	3.37	0.87	/KSF GLA
SUPER REGIONAL SHOPPING CENTER (>600 KSF)	3.20	0.80	3.60	0.90	/KSF GLA
FINE/CASUAL DINING RESTAURANT	15.25	2.75	17.00	3.00	/KSF GLA
FAMILY RESTAURANT	9.00	1.50	12.75	2.25	/KSF GLA
FAST FOOD RESTAURANT	12.75	2.25	12.00	2.00	/KSF GLA
NIGHTCLUB	15.25	1.25	17.50	1.50	/KSF GLA
CINEPLEX	0.19	0.01	0.26	0.01	/SEAT
PERFORMING ARTS THEATER	0.30	0.07	0.33	0.07	/SEAT
ARENA	0.27	0.03	0.30	0.03	/SEAT
PRO FOOTBALL STADIUM	0.30	0.01	0.30	0.01	/SEAT
PRO BASEBALL STADIUM	0.31	0.01	0.34	0.01	/SEAT
HEALTH CLUB	6.60	0.40	5.50	0.25	/KSF GLA
CONVENTION CENTER	5.50	0.50	5.50	0.50	/KSF GLA
HOTEL-BUSINESS	1.00	0.25	0.90	0.18	/ROOM
HOTEL-LEISURE	0.90	0.25	1.00	0.18	/ROOM
RESTAURANT/LOUNGE	10.00		10.00		/KSF GLA
CONFERENCE CTR/BANQUET (20 TO 50 SQ FT/GUEST ROOM)	30.00		30.00		/KSF GLA
CONVENTION SPACE (>50 SQ FT/GUEST ROOM)	20.00		10.00		/KSF GLA
RESIDENTIAL, RENTAL, SHARED SPACES *	0.15	1.50	0.15	1.50	/UNIT
RESIDENTIAL, OWNED, SHARED SPACES *	0.15	1.7	0.15	1.7	/UNIT
OFFICE <25 KSF	0.30	3.5	0.03	0.35	/UNIT
OFFICE 25 TO 100 KSF	0.275	3.30	0.028	0.33	/KSF GLA
OFFICE 100 TO 500 KSF	0.225	2.81	0.023	0.28	/KSF GLA
OFFICE >500 KSF	0.20	2.60	0.02	0.26	/KSF GLA
DATA PROCESSING OFFICE	0.25	5.75	0.03	0.58	/KSF GLA
MEDICAL/DENTAL OFFICE	3.00	1.50	3.00	1.50	/KSF GLA
BANK (BRANCH) WITH DRIVE-IN	3.00	1.60	3.00	1.60	/KSF GLA

NOTE(S): (1) * 1.0 SPACE RESERVED FOR RESIDENTS' SOLE USE; REMAINDER MAY BE SHARED.

(2) SOURCE: *SHARED PARKING, SECOND EDITION*.

(3) RANGES WERE CONVERTED TO AVERAGE RATIOS, WHERE APPLICABLE.

TABLE 2
HOWARD COUNTY SHARED PARKING METHODOLOGY
TIME-OF-DAY FACTORS FOR WEEKDAY DEMAND

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
SHOPPING CENTER-TYPICAL	CUSTOMER	1%	5%	15%	35%	65%	85%	95%	100%	95%	90%	90%	95%	95%	95%	80%	50%	30%	10%	0%
	DECEMBER	CUSTOMER	1%	5%	15%	30%	55%	75%	90%	100%	100%	100%	95%	85%	80%	75%	65%	50%	30%	10%
	LATE DECEMBER	CUSTOMER	1%	5%	10%	20%	40%	65%	90%	100%	100%	100%	95%	85%	70%	55%	40%	25%	15%	5%
FINE/CASUAL DINING RESTAURANT	EMPLOYEE	10%	15%	40%	75%	85%	95%	100%	100%	100%	100%	100%	95%	95%	95%	90%	75%	40%	15%	0%
	CUSTOMER	0%	0%	0%	0%	15%	40%	75%	75%	65%	40%	50%	75%	95%	100%	100%	100%	95%	75%	25%
FAMILY RESTAURANT	EMPLOYEE	0%	20%	50%	75%	90%	90%	90%	90%	90%	75%	75%	100%	100%	100%	100%	100%	100%	85%	35%
	CUSTOMER	25%	50%	60%	75%	85%	90%	100%	90%	50%	45%	45%	75%	80%	80%	80%	60%	55%	50%	25%
FAST FOOD RESTAURANT	EMPLOYEE	50%	75%	90%	90%	100%	100%	100%	100%	100%	75%	75%	95%	95%	95%	95%	80%	65%	65%	35%
	CUSTOMER	5%	10%	20%	30%	55%	85%	100%	100%	90%	60%	55%	60%	85%	80%	50%	30%	20%	10%	5%
NIGHTCLUB	EMPLOYEE	15%	20%	30%	40%	75%	100%	100%	100%	95%	70%	60%	70%	90%	90%	60%	40%	30%	20%	20%
	CUSTOMER	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	50%	75%	100%	100%	100%	100%
CINEPLEX - TYPICAL	EMPLOYEE	0%	0%	0%	5%	5%	5%	5%	10%	10%	10%	20%	45%	70%	100%	100%	100%	100%	100%	100%
	CUSTOMER	0%	0%	0%	0%	0%	0%	20%	45%	55%	55%	55%	60%	60%	80%	100%	100%	80%	65%	40%
LATE DECEMBER	CUSTOMER	0%	0%	0%	0%	0%	0%	35%	60%	75%	80%	80%	80%	70%	80%	100%	100%	85%	70%	55%
	EMPLOYEE	0%	0%	0%	0%	0%	0%	50%	60%	60%	75%	75%	100%	100%	100%	100%	100%	100%	70%	50%
PERFORMING ARTS THEATER	CUSTOMER	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	25%	100%	100%	0%	0%	0%
	EMPLOYEE	0%	10%	10%	20%	20%	20%	30%	30%	30%	30%	30%	30%	100%	100%	100%	100%	30%	10%	5%
ARENA	CUSTOMER	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	10%	25%	100%	100%	85%	0%	0%
	EMPLOYEE	0%	10%	10%	20%	20%	20%	30%	30%	30%	30%	30%	30%	100%	100%	100%	100%	30%	10%	5%
STADIUM - 8 PM START	CUSTOMER	0%	0%	0%	1%	1%	1%	5%	5%	5%	5%	5%	5%	10%	50%	100%	100%	85%	25%	0%
	EMPLOYEE	0%	10%	10%	20%	20%	20%	30%	30%	30%	30%	30%	30%	100%	100%	100%	100%	100%	25%	10%
HEALTH CLUB	CUSTOMER	70%	40%	40%	70%	70%	80%	60%	70%	70%	70%	80%	90%	100%	90%	80%	70%	35%	10%	0%
	EMPLOYEE	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	100%	100%	75%	50%	20%	20%	20%	0%
CONVENTION CENTER	CUSTOMER	0%	0%	50%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	30%	30%	10%	0%	0%	0%
	EMPLOYEE	5%	30%	33%	33%	100%	100%	100%	100%	100%	100%	90%	70%	40%	25%	20%	20%	5%	0%	0%
HOTEL-BUSINESS	GUEST	95%	90%	80%	70%	60%	60%	55%	55%	60%	60%	65%	70%	75%	75%	80%	85%	95%	100%	100%
HOTEL-LEISURE	GUEST	95%	95%	90%	80%	70%	70%	65%	65%	70%	70%	75%	80%	85%	85%	90%	95%	95%	100%	100%
RESTAURANT/LOUNGE	CUSTOMER	0%	10%	30%	10%	10%	5%	100%	100%	33%	10%	10%	30%	55%	60%	70%	67%	60%	40%	30%
CONFERENCE CTR/BANQUET (20 TO 50 SQ FT/GUEST ROOM)	CUSTOMER	0%	0%	30%	60%	60%	60%	65%	65%	65%	65%	65%	100%	100%	100%	100%	100%	50%	0%	0%
CONVENTION SPACE (>50 SQ FT/GUEST ROOM)	CUSTOMER	0%	0%	50%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	30%	30%	10%	0%	0%	0%
	EMPLOYEE	5%	30%	90%	90%	100%	100%	100%	100%	100%	100%	90%	70%	40%	20%	20%	20%	20%	10%	5%
RESIDENTIAL	RESIDENT	100%	90%	85%	80%	75%	70%	65%	70%	70%	70%	75%	85%	90%	97%	98%	99%	100%	100%	100%
	RESERVED	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
OFFICE	GUEST	0%	10%	20%	20%	20%	20%	20%	20%	20%	20%	20%	40%	60%	100%	100%	100%	100%	80%	50%
	VISITOR	0%	1%	20%	60%	100%	45%	15%	45%	100%	45%	15%	10%	5%	2%	1%	0%	0%	0%	0%
MEDICAL/DENTAL OFFICE	EMPLOYEE	3%	30%	75%	95%	100%	100%	90%	90%	100%	100%	90%	50%	25%	10%	7%	3%	1%	0%	0%
	CUSTOMER	0%	0%	90%	90%	100%	100%	30%	90%	100%	100%	90%	80%	67%	30%	15%	0%	0%	0%	0%
BANK (BRANCH) WITH DRIVE-IN	EMPLOYEE	0%	0%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	67%	30%	15%	0%	0%	0%	0%
	CUSTOMER	0%	0%	50%	90%	100%	50%	50%	50%	70%	50%	80%	100%	0%	0%	0%	0%	0%	0%	0%
	EMPLOYEE	0%	0%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%

SOURCE: *SHARED PARKING, SECOND EDITION*

TABLE 3
HOWARD COUNTY SHARED PARKING METHODOLOGY
TIME-OF-DAY FACTORS FOR WEEKEND DEMAND

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
SHOPPING CENTER-TYPICAL	CUSTOMER	1%	5%	10%	30%	50%	65%	80%	90%	100%	100%	95%	90%	80%	75%	65%	50%	35%	15%	0%
DECEMBER	CUSTOMER	1%	5%	10%	35%	60%	70%	85%	95%	100%	100%	95%	90%	80%	75%	65%	50%	35%	15%	0%
LATE DECEMBER	CUSTOMER	1%	5%	10%	20%	40%	60%	80%	95%	100%	100%	95%	85%	70%	60%	50%	30%	20%	10%	0%
	EMPLOYEE	10%	15%	40%	75%	85%	95%	100%	100%	100%	100%	100%	95%	85%	80%	75%	65%	45%	15%	0%
FINE/CASUAL DINING RESTAURANT	CUSTOMER	0%	0%	0%	0%	0%	15%	50%	55%	45%	45%	45%	60%	90%	95%	100%	90%	90%	90%	50%
	EMPLOYEE	0%	20%	30%	60%	75%	75%	75%	75%	75%	75%	75%	100%	100%	100%	100%	100%	100%	85%	50%
FAMILY RESTAURANT	CUSTOMER	10%	25%	45%	70%	90%	90%	100%	85%	65%	40%	45%	60%	70%	70%	65%	30%	25%	15%	10%
	EMPLOYEE	50%	75%	90%	90%	100%	100%	100%	100%	100%	75%	75%	95%	95%	95%	95%	80%	65%	65%	35%
FAST FOOD RESTAURANT	CUSTOMER	5%	10%	20%	30%	55%	85%	100%	100%	90%	60%	55%	60%	85%	80%	50%	30%	20%	10%	5%
	EMPLOYEE	15%	20%	30%	40%	75%	100%	100%	100%	95%	70%	60%	70%	90%	90%	60%	40%	30%	20%	20%
NIGHTCLUB	CUSTOMER	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	50%	75%	100%	100%	100%	100%
	EMPLOYEE	0%	0%	0%	5%	5%	5%	5%	10%	10%	10%	20%	45%	70%	100%	100%	100%	100%	100%	100%
CINEPLEX - TYPICAL	CUSTOMER	0%	0%	0%	0%	0%	0%	20%	45%	55%	55%	55%	60%	60%	80%	100%	100%	100%	80%	50%
LATE DECEMBER	CUSTOMER	0%	0%	0%	0%	0%	0%	35%	60%	75%	80%	80%	80%	70%	80%	100%	100%	100%	85%	70%
	EMPLOYEE	0%	0%	0%	0%	0%	0%	50%	60%	60%	75%	75%	100%	100%	100%	100%	100%	100%	70%	50%
PERFORMING ARTS THEATER	CUSTOMER	0%	0%	0%	1%	1%	1%	1%	17%	67%	67%	1%	1%	1%	25%	100%	100%	0%	0%	0%
	EMPLOYEE	0%	10%	10%	20%	20%	20%	30%	100%	100%	100%	30%	30%	100%	100%	100%	100%	30%	10%	5%
ARENA	CUSTOMER	0%	0%	0%	1%	1%	1%	1%	25%	95%	95%	81%	1%	1%	25%	100%	100%	0%	0%	0%
	EMPLOYEE	0%	10%	10%	20%	20%	20%	30%	100%	100%	100%	100%	30%	100%	100%	100%	100%	30%	10%	5%
STADIUM - 1 PM START; SEE	CUSTOMER	0%	0%	1%	1%	5%	5%	50%	100%	100%	85%	25%	0%	0%	0%	0%	0%	0%	0%	0%
WEEKDAY FOR EVENING START	EMPLOYEE	0%	5%	10%	20%	30%	30%	100%	100%	100%	100%	25%	10%	5%	0%	0%	0%	0%	0%	0%
HEALTH CLUB	CUSTOMER	80%	45%	35%	50%	35%	50%	50%	30%	25%	30%	55%	100%	95%	60%	30%	10%	1%	1%	0%
	EMPLOYEE	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	75%	100%	100%	75%	50%	20%	20%	20%	0%
CONVENTION CENTER	CUSTOMER	0%	0%	50%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	30%	30%	10%	0%	0%	0%
	EMPLOYEE	5%	30%	33%	33%	100%	100%	100%	100%	100%	100%	90%	70%	40%	25%	20%	20%	5%	0%	0%
HOTEL-BUSINESS	GUEST	95%	90%	80%	70%	60%	60%	55%	55%	60%	60%	65%	70%	75%	75%	80%	85%	95%	100%	100%
HOTEL-LEISURE	GUEST	95%	95%	90%	80%	70%	70%	65%	65%	70%	70%	75%	80%	85%	85%	90%	95%	95%	100%	100%
RESTAURANT/LOUNGE	CUSTOMER	0%	10%	30%	10%	10%	5%	100%	100%	33%	10%	10%	30%	55%	60%	70%	67%	60%	40%	30%
CONFERENCE CTR/BANQUET (20 TO 50 SQ FT/GUEST ROOM)	CUSTOMER	0%	0%	30%	60%	60%	60%	65%	65%	65%	65%	65%	100%	100%	100%	100%	100%	50%	0%	0%
CONVENTION SPACE (>50 SQ FT/GUEST ROOM)	CUSTOMER	0%	0%	50%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	30%	30%	10%	0%	0%	0%
	EMPLOYEE	5%	30%	90%	90%	100%	100%	100%	100%	100%	100%	100%	90%	75%	60%	55%	55%	55%	45%	30%
RESIDENTIAL	RESIDENT	100%	90%	85%	80%	75%	70%	65%	70%	70%	70%	75%	85%	90%	97%	98%	99%	100%	100%	100%
	RESERVED	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	GUEST	0%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	40%	60%	100%	100%	100%	100%	80%	50%
OFFICE	VISITOR	0%	20%	60%	80%	90%	100%	90%	80%	60%	40%	20%	10%	5%	0%	0%	0%	0%	0%	0%
	EMPLOYEE	0%	20%	60%	80%	90%	100%	90%	80%	60%	40%	20%	10%	5%	0%	0%	0%	0%	0%	0%
MEDICAL/DENTAL OFFICE	CUSTOMER	0%	0%	90%	90%	100%	100%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	EMPLOYEE	0%	0%	60%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BANK (BRANCH) WITH DRIVE-IN	CUSTOMER	0%	0%	25%	40%	75%	100%	90%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	EMPLOYEE	0%	0%	90%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

SOURCE: SHARED PARKING, SECOND EDITION

TABLE 4

HOWARD COUNTY SHARED PARKING METHODOLOGY

MONTHLY ADJUSTMENTS FOR CUSTOMER/VISITOR PARKING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	LATE DEC
SHOPPING CENTER	56%	57%	64%	63%	66%	67%	64%	69%	64%	66%	72%	100%	80%
RESTAURANTS	85%	86%	95%	92%	96%	95%	98%	99%	91%	96%	93%	100%	95%
FAST FOOD RESTAURANT	85%	86%	95%	92%	96%	95%	98%	99%	91%	96%	93%	100%	95%
NIGHTCLUB	84%	86%	98%	90%	90%	91%	94%	96%	92%	98%	96%	100%	95%
CINEPLEX WEEKDAYS	27%	21%	20%	19%	27%	41%	55%	40%	15%	15%	25%	23%	100%
CINEPLEX WEEKENDS	71%	59%	67%	58%	71%	82%	92%	75%	51%	62%	78%	67%	100%
PERFORMING ARTS THEATER	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	100%	100%
ARENA	90%	100%	100%	100%	100%	75%	0%	0%	60%	65%	90%	95%	95%
PRO FOOTBALL STADIUM	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	100%	100%
PRO BASEBALL STADIUM	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	0%	0%	0%
HEALTH CLUB	100%	95%	85%	70%	65%	65%	65%	70%	80%	85%	85%	90%	95%
CONVENTION CENTER	75%	100%	90%	55%	60%	50%	45%	75%	80%	85%	100%	60%	0%
HOTEL-BUSINESS	71%	85%	91%	90%	92%	100%	98%	92%	93%	93%	81%	67%	50%
HOTEL-LEISURE	90%	100%	100%	100%	90%	90%	100%	100%	75%	75%	75%	50%	100%
RESTAURANT/LOUNGE	85%	86%	95%	92%	96%	95%	98%	99%	91%	96%	93%	100%	95%
CONFERENCE CTR/BANQUET (20 TO 50 SQ FT/GUEST ROOM)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CONVENTION SPACE (>50 SQ FT/GUEST ROOM)	75%	100%	90%	55%	60%	50%	45%	75%	80%	85%	100%	60%	0%
RESIDENTIAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
OFFICE, BANK	100%	100%	100%	100%	100%	100%	95%	95%	100%	100%	100%	100%	80%

SOURCE: SHARED PARKING, SECOND EDITION

TABLE 5

HOWARD COUNTY SHARED PARKING METHODOLOGY

MONTHLY ADJUSTMENTS FOR EMPLOYEE/RESIDENT PARKING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	LATE DEC
SHOPPING CENTER	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	90%	100%	90%
RESTAURANTS	95%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FAST FOOD RESTAURANT	95%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NIGHTCLUB	90%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CINEPLEX WEEKDAYS	50%	50%	50%	50%	50%	75%	75%	75%	50%	50%	50%	50%	100%
CINEPLEX WEEKENDS	80%	80%	80%	80%	80%	100%	100%	90%	80%	80%	80%	80%	100%
PERFORMING ARTS THEATER	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
ARENA	100%	100%	100%	100%	100%	75%	10%	10%	75%	75%	100%	100%	100%
PRO FOOTBALL STADIUM	10%	10%	10%	10%	10%	10%	10%	100%	10%	10%	10%	100%	100%
PRO BASEBALL STADIUM	10%	10%	10%	10%	100%	100%	100%	100%	100%	100%	10%	10%	10%
HEALTH CLUB	100%	100%	95%	80%	75%	75%	75%	80%	90%	95%	95%	100%	100%
CONVENTION CENTER	85%	100%	100%	65%	70%	60%	55%	85%	90%	95%	100%	70%	10%
HOTEL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
RESIDENTIAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
OFFICE, BANK	100%	100%	100%	100%	100%	100%	95%	95%	100%	100%	100%	100%	80%

SOURCE: SHARED PARKING, SECOND EDITION

TABLE 6
HOWARD COUNTY SHARED PARKING METHODOLOGY
NON-CAPTIVE ADJUSTMENT FACTORS FOR WEEKDAYS

	NON-CAPTIVE DAYTIME
COMMUNITY SHOPPING CENTER	90%
EMPLOYEE	100%
FINE/CASUAL DINING	90%
EMPLOYEE	100%
FAMILY RESTAURANT	85%
EMPLOYEE	100%
FAST FOOD RESTAURANT	50%
EMPLOYEE	100%
HOTEL-BUSINESS	100%
MEETING/BANQUET	60%
EMPLOYEE	100%
OFFICE	100%
EMPLOYEE	100%
MEDICAL/DENTAL OFFICE	100%
EMPLOYEE	100%
BANK	90%
EMPLOYEE	100%

SOURCE: *SHARED PARKING, SECOND EDITION*