

**MID-CAFE REPORT
FOR
2019 MODEL YEAR
OF
HYUNDAI MOTOR COMPANY**

- Passenger cars -



NOTE : THIS REPORT CONTAINS [REDACTED] INFORMATION.

THE PRODUCTION VOLUME IS [REDACTED] INFORMATION
AND THIS INFORMATION IS DEEMED BY HMC TO BE EXEMPT
FROM DISCLOSURE UNDER 5 U.S.C. 552(B)(4) AND
49 U.S.C 32910(c).

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
I	Introduction	1
II	Projected Average and Required Fuel Economy	2 ~ 4
III*	Vehicle Configuration Information	5
IV	Projected Average Fuel Economy Adjustment	6

Note * : These sections contain [REDACTED] information

I. Introduction

As required by 49 CFR Part 537.9, estimated fuel economy values for Accent, Veloster, Veloster N, Elantra, Elantra SE, Elantra GT, Kona FWD, Kona AWD, Kona Electric, Ioniq, Ioniq Blue, Ioniq Electric, Ioniq Plug-in Hybrid, Tucson AWD, Tucson FWD, Sonata, Sonata SE, Sonata Hybrid, Sonata Hybrid SE, Sonata Plug-in Hybrid, Nexo, Nexo Blue, Santa Fe FWD, Santa FE AWD, G70 RWD, G70 AWD, G80 RWD, G80 AWD, G90 RWD, G90 AWD are included in this report.

The certification emission-data and fuel economy data of the above-mentioned vehicles used to get the following fuel economy values were tested in accordance with applicable exhaust emission test procedures and complied with applicable 2019 exhaust emission standards as defined 40 CFR §86.

II. Projected Average and Required Fuel Economy

1. Projected Average Fuel Economy

- IP : 37.3 MPG (without A/C efficiency & off-cycle credits)

- IP : **38.1** MPG (with A/C efficiency & off-cycle credits)

- DP : N/A

2. Projected Required Fuel Economy

- IP : **41.7** MPG

- DP : N/A

At this point in time and based on available best present information, the above projections represent the Hyundai Motor Company (HMC) average and required fuel economy for the 2018 model year for the purpose of the Act.

II. Projected Average and Required Fuel Economy

- Projected Required Fuel Economy

Projected Required		41.7		Business Information		Business Information								
Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class	Base Tire	Projected sales	Track width FR (inch)	Track width RR (inch)	Average Track width (inch)	Wheelbase (inch)	footprint (sqr feet)	Target standard	ETW	IWC
Velocester 2.0 6AT	Velocester	2.0	FWD	SA6	215/45R17(Nex)	5,070	61.5	62.0	61.8	104.3	44.8	43.18	3,000	3,000
	Velocester	2.0	FWD	SA6	225/40R18(Nex)	2,567	61.0	61.5	61.2	104.3	44.3	43.63	3,125	3,000
Velocester 2.0 GMT	Velocester	2.0	FWD	M6	215/45R17(Nex)	438	61.5	62.0	61.8	104.3	44.8	43.18	3,000	3,000
	Velocester 1.6T 7DCT	1.6T	FWD	AM7	225/40R18(Nex)	3,520	61.0	61.5	61.2	104.3	44.3	43.63	3,250	3,000
Velocester 1.6T GMT	Velocester	1.6T	FWD	M6	225/40R18(M)	1,837	61.0	61.5	61.2	104.3	44.3	43.63	3,250	3,000
	Velocester	1.6T	FWD	M6	225/40R18(Nex)	0	61.0	61.5	61.2	104.3	44.3	43.63	3,250	3,000
Velocester N 2.0T MT	Velocester N	2.0T	FWD	M6	225/40R18	528	61.3	61.7	61.5	104.3	44.5	43.45	3,375	3,500
	Velocester N	2.0T	FWD	M6	235/35R19	931	61.2	61.6	61.4	105.3	44.9	43.09	3,375	3,500
G70 3.3T AWD 8AT(P54)	G70 AWD	3.3T	AWD	SA8	FR 225/40R19 RR 255/35R19	1,830	62.8	63.1	63.0	111.6	48.8	39.89	4,250	4,000
G70 3.3T AWD 8AT(P54S)	G70 AWD	3.3T	AWD	SA8	FR 225/40R19 RR 255/35R19	134	62.8	63.1	63.0	111.6	48.8	39.89	4,250	4,000
G70 3.3T RWD 8AT(P54)	G70 RWD	3.3T	RWD	SA8	FR 225/40R19 RR 255/35R19	3,094	62.8	63.1	63.0	111.6	48.8	39.89	4,250	4,000
G70 3.3T RWD 8AT(P54S)	G70 RWD	3.3T	RWD	SA8	FR 225/40R19 RR 255/35R19	259	62.8	63.1	63.0	111.6	48.8	39.89	4,250	4,000
G70 2.0T AWD 8AT	G70 AWD	2.0T	AWD	SA8	FR 225/45R18 RR 255/45R18	1,781	62.8	64.3	63.6	111.6	49.3	39.51	4,000	4,000
	G70 AWD	2.0T	AWD	SA8	FR 225/40R19 RR 255/35R19	799	62.8	63.1	63.0	111.6	48.8	39.89	4,250	4,000
G70 2.0T RWD 8AT	G70 RWD	2.0T	RWD	SA8	FR 225/45R18 RR 255/45R18	2,160	62.8	64.3	63.6	111.6	49.3	39.51	3,875	4,000
	G70 RWD	2.0T	RWD	SA8	FR 225/40R19 RR 255/35R19	1,494	62.8	63.1	63.0	111.6	48.8	39.89	4,000	4,000
G70 2.0T RWD 6MT	G70 RWD	2.0T	RWD	M6	FR 225/40R19 RR 255/35R19	280	62.8	63.1	63.0	111.6	48.8	39.89	4,000	4,000
G90 3.3T AWD	G90 AWD	3.3T	AWD	SA8	245/45R19(F) 275/40R19(R)	376	64.6	64.5	64.6	124.4	55.8	35.19	5,000	5,000
G90 3.3T RWD	G90 RWD	3.3T	RWD	SA8	245/45R19(F) 275/40R19(R)	708	64.6	64.5	64.6	124.4	55.8	35.19	5,000	5,000
G90 5.0 AWD	G90 AWD	5.0	AWD	SA8	245/45R19(F) 275/40R19(R)	357	64.6	64.5	64.6	124.4	55.8	35.19	5,250	5,000
G90 5.0 RWD	G90 RWD	5.0	RWD	SA8	245/45R19(F) 275/40R19(R)	733	64.6	64.5	64.6	124.4	55.8	35.19	5,000	5,000
G80 3.3T AWD	G80 AWD	3.3T	AWD	SA8	245/40R19(F) 275/35R19(R)	701	63.8	64.3	64.0	118.5	52.7	37.13	5,000	5,000
G80 3.3T RWD	G80 RWD	3.3T	RWD	SA8	245/40R19(F) 275/35R19(R)	1,171	63.8	64.3	64.0	118.5	52.7	37.13	4,750	4,500
G80 3.8 AWD	G80 AWD	3.8	AWD	SA8	245/45R19(F) 275/35R19(R)	1,142	64.1	65.3	64.7	118.5	53.2	36.80	4,750	4,500
	G80 AWD	3.8	AWD	SA8	245/40R19(F) 275/35R19(R)	438	63.8	64.3	64.0	118.5	52.7	37.13	4,750	4,500
G80 3.8 RWD	G80 RWD	3.8	RWD	SA8	245/40R18"	1,966	64.1	65.3	64.7	118.5	53.2	36.80	4,500	4,500
	G80 RWD	3.8	RWD	SA8	245/40R19(F) 275/35R19(R)	645	63.8	64.3	64.0	118.5	52.7	37.13	4,750	4,500
G80 5.0 AWD	G80 AWD	5.0	AWD	SA8	245/40R19(F) 275/35R19(R)	123	63.8	64.3	64.0	118.5	52.7	37.13	5,000	5,000
G80 5.0 RWD	G80 RWD	5.0	RWD	SA8	245/40R19(F) 275/35R19(R)	236	63.8	64.3	64.0	118.5	52.7	37.13	4,750	4,500
Santa Fe FWD 2.4 AT	Santa Fe FWD	2.4	FWD	SA8	235/65R17	15,426	64.5	64.8	64.6	108.9	48.9	39.81	4,000	4,000
	Santa Fe FWD	2.4	FWD	SA8	235/65R17	38,756	64.7	65.0	64.8	108.9	49	39.74	3,875	4,000
Santa Fe AWD 2.4 AT	Santa Fe AWD	2.4	AWD	SA8	235/65R18	11,555	64.5	64.8	64.6	108.9	48.9	39.81	4,250	4,000
	Santa Fe AWD	2.4	AWD	SA8	235/65R17	29,399	64.7	65.0	64.8	108.9	49	39.74	4,000	4,000
Santa Fe FWD 2.0T AT	Santa Fe FWD	2.0T	FWD	SA8	235/55R19	12,667	64.5	64.8	64.6	108.9	48.9	39.81	4,250	4,000
	Santa Fe FWD	2.0T	FWD	SA8	235/55R19	10,498	64.5	64.8	64.6	108.9	48.9	39.81	4,500	4,500
Santa Fe AWD 2.0T AT	Santa Fe AWD	2.0T	AWD	SA8	235/55R19	10,498	64.5	64.8	64.6	108.9	48.9	39.81	4,500	4,500
	Santa Fe AWD	2.0T	AWD	SA8	235/55R19	12,667	64.5	64.8	64.6	108.9	48.9	39.81	4,250	4,000
Elantra 1.4T DCT	Elantra	1.4T	FWD	AM7	195/65R15	491	61.5	61.9	61.7	106.3	45.5	42.57	3,125	3,000
	Elantra SE	1.4T	FWD	SA6	195/65R15	43,014	61.5	61.9	61.7	106.3	45.5	42.57	3,125	3,000
Elantra SE 2.0	Elantra SE	2.0	FWD	SA6	195/65R15	2,830	61.5	61.9	61.7	106.3	45.5	42.57	3,125	3,000
	Elantra	2.0	FWD	SA6	205/55R16	74,797	61.2	61.6	61.4	106.3	45.3	42.74	3,125	3,000
Elantra 2.0 AT	Elantra	2.0	FWD	SA6	225/45R17	4,460	61.0	61.3	61.2	106.3	45.2	42.83	3,250	3,000
	Elantra	2.0	FWD	SA6	205/55R16	1,699	61.2	61.6	61.4	106.3	45.3	42.74	3,125	3,000
Elantra 2.0 MT	Elantra	2.0	FWD	SA6	225/45R17	177	61.0	61.3	61.2	106.3	45.2	42.83	3,250	3,000
	Elantra	2.0	FWD	M6	195/65R15	2,202	61.5	61.9	61.7	106.3	45.5	42.57	3,125	3,000
Elantra 1.6T DCT	Elantra	1.6T	FWD	AM7	225/40R18	2,119	60.8	61.4	61.1	106.3	45.1	42.92	3,375	3,500
	Elantra	1.6T	FWD	M6	225/40R18	355	60.8	61.4	61.1	106.3	45.1	42.92	3,375	3,500
Kona 1.6 AWD	Kona AWD	1.6	AWD	AM7	235/45R18	8,240	61.4	61.7	61.6	106.3	45.8	44.09	3,500	3,500
	Kona FWD	1.6	FWD	AM7	235/45R18	9,497	61.4	61.7	61.6	106.3	45.8	44.09	3,375	3,500
Kona 1.6 FWD	Kona AWD	2.0	AWD	SA6	205/60R16	11,643	62.0	62.4	62.2	102.4	44.2	43.73	3,375	3,500
	Kona AWD	2.0	AWD	SA6	215/55R17	9,970	61.5	61.9	61.7	102.4	43.9	44.00	3,375	3,500
Kona 2.0 AWD	Kona FWD	2.0	FWD	SA6	205/60R16	14,959	62.0	62.4	62.2	102.4	44.2	43.73	3,250	3,000
	Kona FWD	2.0	FWD	SA6	215/55R17	11,352	61.5	61.9	61.7	102.4	43.9	44.00	3,250	3,000
Kona EV	Kona Electric	Electric	FWD	A1	215/55R17	2,304	61.2	61.6	61.4	106.3	45.3	42.74	4,000	4,000
	Accent	1.6	FWD	SA6	205/45R17	1,326	59.5	59.7	59.6	101.6	42.1	45.73	3,000	3,000
Accent AT	Accent	1.6	FWD	SA6	185/65R15	30,280	60.0	60.2	60.1	101.6	42.4	45.44	2,875	2,750
	Accent	1.6	FWD	M6	185/65R15	1,133	60.0	60.2	60.1	101.6	42.4	45.44	2,750	2,750
Nexo	Nexo	Fuelcell	FWD	A1	245/45R19	135	63.5	64.0	63.8	109.8	48.6	40.04	4,500	4,500
Nexo Blue	NEXO Blue	Fuelcell	FWD	A1	225/60R17	49	63.7	64.1	63.9	109.8	48.7	39.96	4,250	4,000
Sonata 1.6T 7DCT	Sonata	1.6	FWD	AM7	205/65R16	633	63.5	63.8	63.6	110.4	48.8	39.89	3,500	3,500
	Sonata SE	2.4	FWD	SA6	205/65R16	40,243	63.5	63.8	63.6	110.4	48.8	39.89	3,500	3,500
Sonata 2.4 SE AT	Sonata	2.4	FWD	SA6	215/55R17	33,766	63.1	63.4	63.2	110.4	48.5	40.12	3,625	3,500
	Sonata	2.0	FWD	SA8	235/45R18	3,316	62.9	63.1	63.0	110.4	48.3	40.27	3,875	4,000
Sonata HEV	Sonata Hybrid	2.0	FWD	AM6	215/55R17	963	63.1	63.3	63.2	110.4	48.5	40.12	4,000	4,000
	Sonata HEV SE	2.0	FWD	AM6	205/65R16	1,338	63.5	63.8	63.6	110.4	48.8	39.89	3,750	3,500
Sonata PHEV	Sonata plug-in hybrid	2.0	FWD	AM6	215/55 R17	506	63.1	63.3	63.2	110.4	48.5	40.12	4,000	4,000
Ioniq 1.6 AT	Ioniq	1.6	FWD	AM6	195/65R15	4,075	61.5	62.1	61.8	106.3	45.6	42.48	3,375	3,500
	Ioniq	1.6	FWD	AM6	225/45R17	3,818	61.0	61.5	61.2	106.3	45.2	42.83	3,375	3,500
Ioniq BLUE 1.6 AT	Ioniq Blue	1.6	FWD	AM6	195/65R15	5,716	61.5	62.1	61.8	106.3	45.6	42.48	3,250	3,500
	Ioniq PHEV	Ioniq Plug-in Hybrid	1.6	FWD	AM6	205/55 R16	2,200	61.2	61.8	61.5	106.3	45.4	42.66	3,625
Ioniq EV	Ioniq Electric	Electric	FWD	A1	205/55R16	1,323	61.2	61.6	61.4	106.3	45.3	42.74	3,500	3,500
	Ioniq EV	Electric	FWD	A1	225/60R17	40,104	63.3	63.8	63.6	105.1	46.4	41.80	3,750	3,500
Tucson 2.0 AWD	Tucson AWD	2.0	AWD	SA6	225/60R17	0	63.3	63.8	63.6	105.1	46.4	41.80	3,625	3,500
	Tucson 2.0 FWD	2.0	FWD	SA6	225/60R17	40,948								

II. Projected Average and Required Fuel Economy

- Projected average Fuel Economy

Projected Average		37.3										
Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class (Drive, type, gear)	Base Tire	Projected sales	City FE	Hwy FE	Combined FE	IWC	Model Type Comb.FE	Model Type Vol
Veloster 2.0 6AT	Veloster	2.0	FWD	SA6	215/45R17(Nex)	5,070	36.9	50.9	42.1123	3,000	40.9	7637
Veloster	Veloster	2.0	FWD	SA6	225/40R18(Nex)	2,567	33.7	47.6	38.7984	3,000		
Veloster 2.0 6MT	Veloster	2.0	FWD	M6	215/45R17(Nex)	438	32.4	48.4	38.0621	3,000	8.1	438
Veloster 1.6T 7DCT	Veloster	1.6T	FWD	AM7	225/40R18(Nex)	3,520	36.3	49.5	41.2530	3,000	41.2	3520
Veloster	Veloster	1.6T	FWD	M6	225/40R18(M)	1,837	32.1	47.2	37.4983	3,000		
Veloster 1.6T 6MT	Veloster	1.6T	FWD	M6	225/40R18(Nex)	0	32.5	48.7	38.2214	3,000	37.3	1837
Veloster N	Veloster N	2.0T	FWD	M6	225/40R18	528	28.1	39.6	32.3242	3,500		
Veloster N 2.0T MT	Veloster N	2.0T	FWD	M6	235/35R19	931	27.3	38.4	31.3821	3,500	31.7	1459
G70 3.3T AWD 8AT(PS4)	G70 AWD	3.3T	AWD	SA8	FR 225/40R19 RR 255/35R19	1,830	22.1	34.8	26.4425	4,000	26.4	1964
G70 3.3T AWD 8AT(PS4)	G70 AWD	3.3T	AWD	SA8	FR 225/40R19 RR 255/35R19	134	22.1	34.0	26.2315	4,000		
G70 3.3T RWD 8AT(PS4)	G70 RWD	3.3T	RWD	SA8	FR 225/40R19 RR 255/35R19	3,094	22.7	36.2	27.2777	4,000		
G70 3.3T RWD 8AT(PS4)	G70 RWD	3.3T	RWD	SA8	FR 225/40R19 RR 255/35R19	259	22.7	35.3	27.0439	4,000	27.3	3353
G70 2.0T AWD 8AT	G70 AWD	2.0T	AWD	SA8	FR 225/45R18 RR 255/45R18	1,781	26.4	39.6	31.0588	4,000	0.6	2580
G70 2.0T AWD 8AT	G70 AWD	2.0T	AWD	SA8	FR 225/40R19 RR 255/35R19	799	25.3	37.1	29.5290	4,000		
G70 2.0T RWD 8AT	G70 RWD	2.0T	RWD	SA8	FR 225/45R18 RR 255/45R18	2,180	28.7	43.5	33.8884	4,000	33.1	3654
G70 2.0T RWD 8AT	G70 RWD	2.0T	RWD	SA8	FR 225/40R19 RR 255/35R19	1,494	27.2	40.5	31.9166	4,000		
G70 2.0T RWD 6MT	G70 RWD	2.0T	RWD	M6	FR 225/40R19 RR 255/35R19	280	23.1	39.3	28.3608	4,000	28.4	280
G90 3.3T AWD	G90 AWD	3.3T	AWD	SA8	245/45R19(F) 275/40R19(R)	376	21.5	34.0	25.7621	5,000	23.7	376
G90 3.3T RWD	G90 RWD	3.3T	RWD	SA8	245/45R19(F) 275/40R19(R)	708	21.5	33.4	25.6053	5,000	23.6	708
G90 5.0 AWD	G90 AWD	5.0	AWD	SA8	245/45R19(F) 275/40R19(R)	357	19.2	32.1	23.4387	5,000	23.4	357
G90 5.0 RWD	G90 RWD	5.0	RWD	SA8	245/45R19(F) 275/40R19(R)	733	19.5	33.3	23.9701	5,000	24.0	733
G80 3.3T AWD	G80 AWD	3.3T	AWD	SA8	245/40R19(F) 275/35R19(R)	701	21.3	34.0	25.8037	5,000	23.6	701
G80 3.3T RWD	G80 RWD	3.3T	RWD	SA8	245/40R19(F) 275/35R19(R)	1,171	21.7	35.5	26.3008	4,500	26.3	1171
G80 3.8 AWD	G80 AWD	3.8	AWD	SA8	245/45R18	1,142	21.9	34.5	26.2071	4,500		
G80 3.8 AWD	G80 AWD	3.8	AWD	SA8	245/40R19(F) 275/35R19(R)	438	22.2	33.7	26.2275	4,500	26.2	1580
G80 3.8 RWD	G80 RWD	3.8	RWD	SA8	245/45R18	1,966	23.5	37.8	28.2707	4,500		
G80 3.8 RWD	G80 RWD	3.8	RWD	SA8	245/40R19(F) 275/35R19(R)	645	22.5	35.1	26.8349	4,500	27.9	2611
G80 5.0 AWD	G80 AWD	5.0	AWD	SA8	245/40R19(F) 275/35R19(R)	123	18.7	31.7	22.9319	5,000	22.9	123
G80 5.0 RWD	G80 RWD	5.0	RWD	SA8	245/40R19(F) 275/35R19(R)	236	19.7	34.1	24.3219	4,500	24.3	236
Santa Fe FWD 2.4 AT	Santa Fe FWD	2.4	FWD	SA8	235/60R18	15,426	27.6	41.8	32.5806	4,000	32.7	52192
Santa Fe FWD	Santa Fe FWD	2.4	FWD	SA8	235/65R17	36,756	27.8	41.8	32.7335	4,000		
Santa Fe AWD 2.4 AT	Santa Fe AWD	2.4	AWD	SA8	235/60R18	11,565	26.2	37.8	30.3878	4,000	31.1	40954
Santa Fe AWD	Santa Fe AWD	2.4	AWD	SA8	235/65R17	29,399	27.2	38.8	31.4292	4,000		
Santa Fe FWD 2.0T AT	Santa Fe FWD	2.0T	FWD	SA8	235/55R19	12,667	24.6	38.0	29.2399	4,000	29.2	12667
Santa Fe AWD 2.0T AT	Santa Fe AWD	2.0T	AWD	SA8	235/55R19	10,468	24.1	38.0	28.3113	4,500	28.3	10498
Elantra 1.4T DCT	Elantra	1.4T	FWD	AM7	185/65R15	491	41.4	58.8	47.7599	3,000	47.8	491
Elantra SE	Elantra SE	2.0	FWD	SA6	185/65R15	43,014	38.5	58.5	44.9432	3,000		
Elantra SE	Elantra SE	2.0	FWD	SA6	185/65R15	7,630	36.9	56.9	43.0497	3,000	44.8	45844
Elantra	Elantra	2.0	FWD	SA6	205/55R16	74,797	37.5	54.7	43.8808	3,000		
Elantra 2.0 AT	Elantra	2.0	FWD	SA6	225/45R17	4,460	36.4	52.4	42.1982	3,000		
Elantra	Elantra	2.0	FWD	SA6	205/55R16	1,699	34.9	58.5	42.1516	3,000	43.5	81133
Elantra	Elantra	2.0	FWD	SA6	225/45R17	177	34.8	53.1	41.1876	3,000		
Elantra 2.0 MT	Elantra	2.0	FWD	M6	185/65R15	1,202	33.4	52.1	39.8338	3,000	39.8	1202
Elantra 1.6T DCT	Elantra	1.6T	FWD	AM7	225/40R18	2,119	33.2	46.7	38.1647	3,500	32.2	2119
Elantra 1.6T MT	Elantra	1.6T	FWD	M6	225/40R18	355	28.0	43.1	33.2406	3,500	33.3	355
Kona 1.6 AWD	Kona AWD	1.6	AWD	AM7	235/45R18	8,240	33.4	42.8	37.0830	3,500	37.1	8240
Kona 1.6 FWD	Kona FWD	1.6	FWD	AM7	235/45R18	8,467	34.9	48.0	39.7862	3,500	39.8	8467
Kona 2.0 AWD	Kona AWD	2.0	AWD	SA6	205/60R16	11,643	33.6	43.8	37.5333	3,500	37.2	21613
Kona AWD	Kona AWD	2.0	AWD	SA6	215/55R17	9,970	32.8	43.2	36.7850	3,500		
Kona FWD	Kona FWD	2.0	FWD	SA6	205/60R16	14,959	35.3	48.4	40.1957	3,000		
Kona 2.0 FWD	Kona FWD	2.0	FWD	SA6	215/55R17	11,352	36.9	48.5	40.8526	3,000	40.4	26311
Kona EV	Kona Electric	Electric	FWD	A1	215/55R17	2,304	475.9	378.6	426.5676	4,000	426.6	2304
Accent AT	Accent	1.6	FWD	SA6	205/49R17	1,325	33.8	50.5	39.7092	3,000	43.9	31605
Accent MT	Accent	1.6	FWD	SA6	185/65R15	30,280	37.1	57.3	44.0952	2,750		
Accent	Accent	1.6	FWD	M6	185/65R15	1,133	36.1	54.9	42.6764	2,750	42.7	1133
Nexo	Nexo	Fuelcell	FWD	A1	245/45R19	135	578.0	522.9	550.8287	4,500	500.8	135
Nexo Blue	NEXO Blue	Fuelcell	FWD	A1	225/60R17	49	635.8	561.7	600.1712	4,000	600.2	49
Sonata 1.6T 7DCT	Sonata	1.6	FWD	AM7	205/65R16	633	35.1	53.5	41.5270	3,500	41.5	633
Sonata 2.4 SE AT	Sonata SE	2.4	FWD	SA6	205/65R16	40,243	33.3	50.5	39.3276	3,500	39.3	40243
Sonata 2.4 AT	Sonata	2.4	FWD	SA6	215/55R17	33,786	32.6	47.6	37.9888	3,500	32.0	33786
Sonata 2.0T 8AT	Sonata	2.0	FWD	SA8	235/45R18	3,316	29.0	45.5	34.6553	4,000	34.7	3316
Sonata HEV	Sonata Hybrid	2.0	FWD	AM6	215/55R17	963	55.9	64	59.2716	4,000	59.3	963
Sonata HEV SE	Sonata Hybrid SE	2.0	FWD	AM6	205/55R16	1,338	56	64	59.3377	3,500	59.3	1338
Sonata PHEV	Sonata plug-in hybrid	2.0	FWD	AM6	215/55 R17	508	143.1	90.6	113.5028	4,000	113.7	508
ioniq 1.6 AT	ioniq	1.6	FWD	AM6	185/65R15	4,075	75.7	78.5	78.8348	3,500	79.0	7893
ioniq	ioniq	1.6	FWD	AM6	225/45R17	3,818	88.3	70.4	88.2293	3,500		
ioniq BLUE 1.6 AT	ioniq Blue	1.6	FWD	AM6	185/65R15	5,718	75.7	79.1	77.1931	3,000	77.2	5716
ioniq PHEV	ioniq Plug-in Hybrid	1.6	FWD	AM6	205/55 R16	2,200	208.9	109.2	148.0666	3,500	148.1	2200
ioniq EV	ioniq Electric	Electric	FWD	A1	205/55R16	1,323	547.3	444.8	485.8783	3,500	493.8	1323
Tucson 2.0 AWD	Tucson AWD	2.0	AWD	SA6	225/60R17	40,104	27.8	35.9	30.9416	3,500	0.9	40104
Tucson 2.0 FWD	Tucson FWD	2.0	FWD	SA6	225/60R17	0	30.1	42.4	34.6193	3,500	34.0	40948
Tucson 2.0 FWD	Tucson FWD	2.0	FWD	SA6	225/60R17	40,948	29.1	42.9	34.0253	3,500		
Tucson 2.4 AWD	Tucson AWD	2.4	AWD	SA6	245/45R19	7,215	26.3	35.3	29.7085	4,000	0.6	23911
Tucson AWD	Tucson AWD	2.4	AWD	SA6	225/55R18	16,686	27.5	36.9	31.0806	4,000		
Tucson FWD	Tucson FWD	2.4	FWD	SA6	245/45R19	367	27.9	40.9	32.5566	3,500		
Tucson FWD	Tucson FWD	2.4	FWD	SA6	225/55R18	878	27.9	40.8	32.4707	3,500		
Tucson FWD	Tucson FWD	2.4	FWD	SA6	245/45R19	7,232	27.8	41.1	32.8382	3,500	33.2	22370
Tucson FWD	Tucson FWD	2.4	FWD	SA6	225/55R18	13,863	28.8	42.4	33.8562	3,500		
Elantra GT 2.0 AT	Elantra GT	2.0	FWD	SA6	225/45R17	4,214	31.6	46.6	36.8626	3,000	37.0	4214
Elantra GT 1.6T DCT	Elantra GT	1.6	FWD	AM7	225/40R18	731	32	48.4	37.1944	3,500	37.2	731
Elantra GT 1.6T MT	Elantra GT	1.6	FWD	M6	225/40R18	225	29.3	42.6	34.0893	3,500	34.1	225

Average	37.3
ROUNDED Avg. comb.	36.9179
Multiplied Factor	1.00683702
1 ^a	1.4357
C ² FACTOR	0.0014
IW (Added Factor)	0.108893404

SF3IWC	0.2931
FE3IWC	43.4929
SF4ETW	0.0851
FE4IWC	31.9677

§600.510 12 : $AFE_{adj} = AFE[(0.55 \times a \times c) + (0.45 \times c) + (0.5556 \times a) + 0.4487] / [(0.55 \times a) + 0.45] + IW$

