

UNION 2021 RATIO STUDY.xlsx

<u>Township</u>	<u>Property Type</u>	<u>Number of Sales</u>	<u>Median</u>	<u>C O D</u>	<u>PRD</u>
Brownsville	Vacant Res	0	0.00	0.00	0.00%
	Improved Res	43	0.94	13.24	101.65%
Center	Vacant Res	0	0.00	0.00	0.00%
	Improved Res	82	0.95	13.63	102.41%
Harmony	Vacant Res	0	0.00	0.00	0.00%
	Improved Res	43	0.94	13.24	101.65%
Harrison	Vacant Res	0	0.00	0.00	0.00%
	Improved Res	31	0.95	13.62	102.47%
Liberty	Vacant Res	0	0.00	0.00	0.00%
	Improved Res	43	0.94	13.24	101.65%
Union	Vacant Res	0	0.00	0.00	0.00%
	Improved Res	31	0.95	13.62	102.47%
County	Vacant Com	0	0	0	0.00%
	Improved Com	8	0.98	11.45	102.59%
County	Vacant Ind	0	0.00	0.00	0.00%
	Improved Ind	0	0.00	0.00	0.00%
2021 pay 2022 Total AV			19,052,000		
Total Net Sales Price			20,138,900	94.60%	

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
-------	---------------	-------------------	-----------------	----------------	---------------------	---------------	-------------------	----------	-------	-----------	--------------	------------	--------------------------	------------------------	-------------------------------	----------------------	-------------	--------------------

County Wide Vacant Residential

0 Sales in the County

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
Brownsville, Harmony & Liberty Improved Residential																		
C81-2019-8957727	81-06-05-102-019.000-001	001	7950	541	001	Brownsville	599001	BHL	C	AV	04/12/19	116,500	120,300	25,000	59,000	84,000	0.70	0.24
C81-2018-8824783	81-06-18-402-030.000-001	001	7950	510	001	Brownsville	5010100	BHL	D	F	05/14/18	54,000	56,700	6,500	35,000	41,500	0.73	0.21
C81-2020-2457211	81-07-02-403-008.000-006	006	7950	510	005	Liberty	505018	BHL	C-1	AV	09/04/20	179,000	179,000	17,900	117,100	135,000	0.75	0.19
C81-2020-3708458	81-03-27-102-002.000-001/81-	001	7950	541	001	Brownsville	599001	BHL	D	F	07/24/20	90,000	90,000	26,000	42,000	68,000	0.76	0.18
C81-2018-6153261	81-07-10-201-003.000-006	006	7950	511	005	Liberty	599005	BHL	C-2	F	09/28/18	101,750	106,100	26,000	56,400	82,400	0.78	0.16
C81-2019-4460558	81-07-27-101-005.000-006	006	7950	511	005	Liberty	599005	BHL	C-2	F	07/03/19	125,000	128,600	22,000	78,500	100,500	0.78	0.16
C81-2019-2490411	81-07-11-101-010.035-006	006	7950	511	005	Liberty	505011	BHL	C	AV	06/07/19	170,000	175,100	22,500	120,400	142,900	0.82	0.12
C81-2019-8585307	81-03-12-303-007.000-001	001	7950	511	001	Brownsville	599001	BHL	C	AV	07/05/19	188,000	193,300	27,500	133,900	161,400	0.83	0.10
C81-2019-4856885	81-07-27-102-015.017-006	006	7950	510	005	Liberty	505015	BHL	C-2	AV	01/25/19	115,000	119,200	19,300	81,500	100,800	0.85	0.09
C81-2019-1889893	81-07-27-102-015.005-006	006	7950	510	005	Liberty	505015	BHL	D	F	05/23/19	52,000	53,600	14,600	31,000	45,600	0.85	0.09
C81-2018-9102876	81-03-10-800-011.000-001/81-	001	7950	511	001	Brownsville	599001	BHL	C	AV	04/13/18	238,000	250,300	39,000	174,300	213,300	0.85	0.09
C81-2018-8325439	81-07-11-101-010.013-006	006	7950	510	005	Liberty	505011	BHL	C	AV	05/09/18	110,550	116,100	14,300	85,400	99,700	0.86	0.08
C81-2018-5393608	81-11-14-600-014.002-004	004	7950	511	003	Harmony	599003	BHL	C	AV	04/13/18	190,000	199,800	26,500	145,700	172,200	0.86	0.08
C81-2019-3323402	81-07-27-301-019.001-006	006	7950	510	005	Liberty	599005	BHL	C+1	AV	07/22/19	238,750	245,300	23,900	190,300	214,200	0.87	0.07
C81-2018-7578550	81-07-11-101-011.005-006	006	7950	510	005	Liberty	505013	BHL	C	AV	06/13/18	159,900	167,700	12,800	135,700	148,500	0.89	0.05
C81-2018-6271819	81-09-12-202-004.000-006	006	7950	511	005	Liberty	599005	BHL	C	AV	10/05/18	163,500	170,500	20,600	132,100	152,700	0.90	0.04
C81-2018-3772384	81-07-10-201-007.007-006	006	7950	511	005	Liberty	599005	BHL	C-1	AV	06/13/18	130,000	136,300	20,700	101,400	122,100	0.90	0.04
C81-2019-1950325	81-07-27-102-015.015-006	006	7950	510	005	Liberty	505015	BHL	C-1	F	07/23/19	114,900	118,100	14,300	91,700	106,000	0.90	0.04
C81-2020-5061573	81-11-17-103-016.000-004	004	7950	510	003	Harmony	599003	BHL	C	AV	11/24/20	165,000	165,000	22,900	126,200	149,100	0.90	0.04
C81-2018-5099400	81-07-27-401-018.025-006	006	7950	511	005	Liberty	599005	BHL	D	F	08/14/18	50,000	52,300	25,700	21,700	47,400	0.91	0.03
C81-2018-2541194	81-09-36-700-015.000-004	004	7950	511	003	Harmony	599003	BHL	C	AV	10/03/18	239,000	249,200	28,000	202,300	230,300	0.92	0.02
C81-2020-6619846	81-07-11-102-008.018-006	006	7950	510	005	Liberty	505016	BHL	C	AV	07/30/20	187,000	187,000	8,400	167,300	175,700	0.94	0.00
C81-2018-2218571	81-07-11-500-003.000-006	006	7950	511	005	Liberty	599005	BHL	C	AV	01/22/18	157,400	166,200	25,900	131,300	157,200	0.95	0.01
C81-2020-2162709	81-07-11-101-010.025-006	006	7950	510	005	Liberty	505011	BHL	C	AV	07/01/20	97,200	97,200	13,700	79,000	92,700	0.95	0.01
C81-2019-4927258	81-11-11-302-043.000-004	004	7950	510	003	Harmony	5030000	BHL	C	AV	11/22/19	26,500	27,100	3,200	23,300	26,500	0.98	0.04
C81-2020-4740637	81-11-02-402-013.000-004	004	7950	511	003	Harmony	599003	BHL	C	AV	02/18/20	144,000	144,000	22,000	119,400	141,400	0.98	0.04
C81-2018-8309549	81-07-02-403-014.000-006/81-	006	7950	510	005	Liberty	505019	BHL	C	AV	03/09/18	118,500	124,800	20,100	104,800	124,900	1.00	0.06
C81-2020-7401170	81-03-25-104-001.011-001	001	7950	510	001	Brownsville	5010200	BHL	D	AV	09/18/20	64,000	64,000	10,200	54,300	64,500	1.01	0.07
C81-2020-8214756	81-06-18-402-036.000-001	001	7950	510	001	Brownsville	599001	BHL	C	AV	03/23/20	181,000	181,000	18,700	166,000	184,700	1.02	0.08
C81-2019-8390694	81-03-25-104-001.011-001	001	7950	510	001	Brownsville	5010200	BHL	D	AV	03/22/19	59,900	61,900	10,200	54,300	64,500	1.04	0.10
C81-2019-6715612	81-07-11-102-008.008-006	006	7950	510	005	Liberty	505016	BHL	C	AV	06/24/19	127,500	131,200	11,200	127,100	138,300	1.05	0.11
C81-2020-9587237	81-06-18-402-003.143-001	001	7950	510	001	Brownsville	5010100	BHL	E+1	F	09/16/20	35,500	35,500	8,500	29,100	37,600	1.06	0.12
C81-2020-6725946	81-07-03-404-021.018-006	006	7950	510	005	Liberty	505020	BHL	C	AV	12/03/20	243,000	243,000	27,000	234,400	261,400	1.08	0.14
C81-2019-5481608	81-05-12-700-013.000-001	001	7950	511	001	Brownsville	599001	BHL	D	F	03/29/19	70,000	72,300	35,500	42,500	78,000	1.08	0.14
C81-2019-3162638	81-05-24-403-004.002-006	006	7950	511	005	Liberty	599005	BHL	C	AV	12/13/19	169,000	172,400	22,100	164,700	186,800	1.08	0.14
C81-2019-3203983	81-05-12-205-020.000-001	001	7950	541	001	Brownsville	599001	BHL	D	F	03/14/19	40,000	41,400	29,500	15,600	45,100	1.09	0.15
C81-2018-8460782	81-07-28-103-016.041-006	006	7950	510	005	Liberty	505012	BHL	D-1	F	10/03/18	34,000	35,500	7,900	32,400	40,300	1.14	0.20
C81-2020-3961960	81-07-02-403-002.009-006	006	7950	510	005	Liberty	505019	BHL	C	AV	05/28/20	123,500	123,500	17,900	126,200	144,100	1.17	0.23
C81-2018-5961546	81-07-03-303-003.000-006	006	7950	510	005	Liberty	599005	BHL	C	AV	06/18/18	97,500	102,200	18,700	100,700	119,400	1.17	0.23
C81-2019-9161728	81-03-22-404-005.004-001	001	7950	541	001	Brownsville	599001	BHL	C	AV	09/23/19	125,400	128,400	23,900	135,600	159,500	1.24	0.30
C81-2018-2324179	81-06-17-301-009.000-001	001	7950	512	001	Brownsville	599001	BHL	C-1	AV	01/25/18	112,000	118,200	27,400	120,600	148,000	1.25	0.31
C81-2020-6984582	81-11-15-403-105.993-004	004	7950	510	003	Harmony	599003	BHL	C	AV	10/30/20	115,000	115,000	23,000	124,900	147,900	1.29	0.35
C81-2018-6950529	81-11-13-304-013.000-004	004	7950	511	003	Harmony	599003	BHL	C-1	AV	07/25/18	77,500	81,100	22,000	85,500	107,500	1.33	0.39
												5,396,250	5,545,400			5,263,600	41.49	5.35
Number of Sales	43																	
Mean	96.48%																	
Weighted Mean	94.92%																	
Median	0.94																	
Av Absolute Dev	12.44																	
COD	13.24																	
PRD	101.65%																	

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
Center Improved Residential																		
C81-2020-9712039	81-08-12-108-006.001-003	003	7950	510	002	Center	5070100	None	D	F	01/22/20	98,000	98,000	12,000	57,500	69,500	0.71	0.24
C81-2020-5412070	81-08-11-309-008.001-002	002	7950	511	002	Center	599002	None	D	F	03/13/20	124,000	124,000	26,300	64,300	90,600	0.73	0.22
C81-2020-2254432	81-08-07-203-075.021-003	003	7950	510	002	Center	507011	None	C	AV	08/21/20	130,000	130,000	13,900	84,000	97,900	0.75	0.19
C81-2020-4398318	81-08-07-203-072.004-003	003	7950	510	002	Center	5070100	None	C-1	AV	03/12/20	125,000	125,000	15,500	80,400	95,900	0.77	0.18
C81-2019-8375140	81-08-12-101-023.013-003	003	7950	510	002	Center	5070100	None	D+2	F	07/26/19	107,000	109,900	13,000	71,400	84,400	0.77	0.18
C81-2019-2212598	81-08-07-203-061.004-003	003	7950	510	002	Center	5070100	None	C	AV	07/30/19	85,000	87,300	10,200	58,300	68,500	0.78	0.16
C81-2018-5494078	81-08-12-101-040.014-003	003	7950	510	002	Center	5070100	None	C-1	AV	10/15/18	115,900	120,800	11,100	84,900	96,000	0.79	0.15
C81-2020-7170809	81-08-07-203-074.026-003	003	7950	510	002	Center	507011	None	C-1	AV	06/19/20	132,000	132,000	14,900	90,200	105,100	0.80	0.15
C81-2018-4695996	81-08-12-104-063.009-003	003	7950	510	002	Center	507012	None	C-1	AV	07/25/18	118,500	124,000	15,600	83,400	99,000	0.80	0.15
C81-2019-8471302	81-08-07-202-057.001-003	003	7950	510	002	Center	5070100	None	C	AV	10/22/19	129,000	131,900	11,900	93,600	105,500	0.80	0.15
C81-2019-5981808	81-08-12-303-012.000-002/81-	002	7950	541	002	Center	599002	None	C	AV	11/08/19	135,000	137,900	28,600	81,700	110,300	0.80	0.15
C81-2020-6721912	81-08-12-101-039.004-003	003	7950	510	002	Center	5070100	None	C-1	AV	06/09/20	120,000	120,000	12,000	84,300	96,300	0.80	0.14
C81-2019-4532182	81-08-12-108-013.007-003	003	7950	510	002	Center	5070100	None	C-2	F	02/08/19	98,000	101,500	12,900	70,000	82,900	0.82	0.13
C81-2019-7017305	81-08-12-108-008.015-003	003	7950	510	002	Center	5070100	None	C	AV	05/28/19	122,500	126,200	8,400	96,300	104,700	0.83	0.12
C81-2020-8361822	81-08-07-203-074.016-003	003	7950	510	002	Center	507011	None	C	AV	11/19/20	96,000	96,000	8,400	71,600	80,000	0.83	0.11
C81-2018-4124034	81-08-12-102-014.008-003	003	7950	510	002	Center	5070100	None	C-2	AV	04/09/18	66,500	70,000	8,500	50,000	58,500	0.84	0.11
C81-2020-1423449	81-08-07-206-068.010-003	003	7950	510	002	Center	507014	None	C	AV	08/31/20	145,000	145,000	20,700	101,000	121,700	0.84	0.11
C81-2019-3300872	81-08-19-500-003.001-002	002	7950	511	002	Center	599002	None	C	AV	06/06/19	164,900	169,800	28,000	115,500	143,500	0.85	0.10
C81-2020-9078107	81-08-07-203-060.005-003	003	7950	510	002	Center	5070100	None	D	AV	10/16/20	125,900	125,900	18,700	88,600	107,300	0.85	0.09
C81-2020-8487157	81-08-07-206-068.009-003	003	7950	510	002	Center	507014	None	C	AV	03/31/20	130,000	130,000	20,900	92,300	113,200	0.87	0.08
C81-2019-6237866	81-08-12-102-018.013-003	003	7950	510	002	Center	5070100	None	D	AV	03/22/19	78,900	81,600	12,200	59,000	71,200	0.87	0.07
C81-2018-6389358	81-07-13-203-022.000-002	002	7950	511	002	Center	599002	None	C	AV	03/16/18	205,000	215,900	23,500	165,200	188,700	0.87	0.07
C81-2020-3601693	81-08-07-206-068.008-003	003	7950	510	002	Center	507014	None	C	AV	03/17/20	164,500	164,500	16,200	128,900	145,100	0.88	0.06
C81-2018-7336784	81-08-07-202-051.001-003	003	7950	510	002	Center	5070100	None	C-1	AV	04/05/18	115,000	121,000	13,300	93,500	106,800	0.88	0.06
C81-2018-9120058	81-08-12-101-040.010-003	003	7950	510	002	Center	5070100	None	D	AV	05/30/18	74,900	78,600	9,500	59,900	69,400	0.88	0.06
C81-2020-1599187	81-08-12-108-009.004-003	003	7950	510	002	Center	5070100	None	C	AV	03/10/20	108,000	108,000	7,000	88,500	95,500	0.88	0.06
C81-2020-9412419	81-08-12-104-064.010-003	003	7950	510	002	Center	5070100	None	C-1	F	04/13/20	107,000	107,000	11,700	83,100	94,800	0.89	0.06
C81-2020-9495141	81-08-07-202-046.009-003	003	7950	510	002	Center	507013	None	C	AV	07/23/20	128,000	128,000	14,000	99,600	113,600	0.89	0.06
C81-2019-9052459	81-08-07-202-046.008-003	003	7950	510	002	Center	507013	None	C	AV	12/16/19	145,000	147,900	12,100	119,300	131,400	0.89	0.06
C81-2018-8927271	81-08-12-104-063.008-003	003	7950	510	002	Center	507012	None	C-1	AV	07/11/18	125,000	130,900	15,600	101,000	116,600	0.89	0.06
C81-2019-1104150	81-08-12-104-063.057-003	003	7950	510	002	Center	507012	None	C-1	AV	09/20/19	115,000	117,800	14,600	90,800	105,400	0.89	0.05
C81-2018-3625766	81-08-07-206-068.004-003	003	7950	510	002	Center	507014	None	C	AV	04/26/18	150,000	157,700	19,900	121,500	141,400	0.90	0.05
C81-2019-4466273	81-08-12-101-011.010-003	003	7950	510	002	Center	5070100	None	C-1	AV	08/20/19	90,000	92,300	12,000	71,100	83,100	0.90	0.05
C81-2018-1036003	81-08-12-104-063.050-003	003	7950	540	002	Center	507012	None	C	AV	08/31/18	75,000	78,300	29,300	41,300	70,600	0.90	0.05
C81-2020-1650374	81-07-12-204-011.000-002	002	7950	511	002	Center	599002	None	C	AV	05/18/20	176,000	176,000	22,300	138,100	160,400	0.91	0.04
C81-2020-2751394	81-08-07-202-055.013-003	003	7950	510	002	Center	5070100	None	C-1	AV	06/24/20	94,900	94,900	7,000	79,600	86,600	0.91	0.03
C81-2019-4902200	81-08-12-102-018.007-003	003	7950	510	002	Center	5070100	None	C-1	AV	02/14/19	84,000	87,000	12,200	67,900	80,100	0.92	0.03
C81-2018-1685182	81-08-03-404-007.000-002	002	7950	511	002	Center	599002	None	C-1	AV	12/28/18	131,500	136,500	18,300	107,500	125,800	0.92	0.03
C81-2018-9004182	81-07-24-103-010.000-002	002	7950	511	002	Center	599002	None	C	AV	08/15/18	201,000	210,100	29,600	165,900	195,500	0.93	0.02
C81-2020-1241881	81-08-07-206-068.006-003	003	7950	510	002	Center	507014	None	C	AV	12/17/20	145,000	145,000	19,900	116,300	136,200	0.94	0.01
C81-2019-6967211	81-08-07-203-068.014-003	003	7950	510	002	Center	507014	None	C	AV	09/17/19	175,000	179,300	18,800	150,000	168,800	0.94	0.01
C81-2019-6849013	81-08-07-203-072.007-003	003	7950	510	002	Center	5070100	None	C-1	AV	10/04/19	88,500	90,600	11,900	74,400	86,300	0.95	0.01
C81-2020-6999297	81-08-07-203-060.017-003	003	7950	510	002	Center	5070100	None	C-2	F	04/13/20	72,000	72,000	12,100	56,700	68,800	0.96	0.01
C81-2019-7945649	81-08-07-202-051.002-003	003	7950	510	002	Center	5070100	None	D	AV	07/30/19	52,000	53,400	12,100	39,000	51,100	0.96	0.01
C81-2019-8600598	81-08-12-101-020.004-003	003	7950	510	002	Center	5070100	None	C-1	F	10/02/19	78,500	80,400	12,200	64,800	77,000	0.96	0.01
C81-2018-3303326	81-07-01-404-043.006-003	003	7950	510	002	Center	5070100	None	D	AV	05/04/18	95,000	99,800	19,500	76,100	95,600	0.96	0.01
C81-2019-4578675	81-08-07-202-056.005-003	003	7950	510	002	Center	5070100	None	C-1	AV	10/18/19	121,000	123,800	7,600	111,000	118,600	0.96	0.01
C81-2019-6494664	81-08-07-202-050.020-003	003	7950	510	002	Center	5070100	None	C	AV	06/28/19	78,000	80,200	10,400	66,900	77,300	0.96	0.02
C81-2018-6187246	81-08-07-202-051.021-003	003	7950	510	002	Center	5070100	None	C	AV	10/15/18	139,500	145,400	16,600	124,900	141,500	0.97	0.03
C81-2019-1086391	81-07-13-203-021.000-002	002	7950	511	002	Center	599002	None	C	AV	07/15/19	200,000	205,600	23,500	178,400	201,900	0.98	0.04
C81-2018-8716982	81-08-12-101-011.012-003	003	7950	510	002	Center	5070100	None	C	AV	01/16/18	59,200	62,500	9,100	53,400	62,500	1.00	0.05
C81-2018-2540684	81-08-07-206-068.019-003	003	7950	510	002	Center	507014	None	C	AV	09/17/18	142,900	149,100	20,500	130,300	150,800	1.01	0.06
C81-2018-2917431	81-08-12-104-005.005-003/81-	003	7950	540	002	Center	5070100	None	C	AV	03/22/18	94,900	99,900	20,600	80,500	101,100	1.01	0.07

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
C81-2019-2754942	81-08-07-203-072.004-003	003	7950	510	002	Center	5070100	None	C-1	AV	11/27/19	92,000	93,900	15,500	80,400	95,900	1.02	0.07
C81-2019-5002964	81-08-12-101-011.014-003	003	7950	510	002	Center	5070100	None	C	AV	03/15/19	139,000	143,800	11,600	135,500	147,100	1.02	0.08
C81-2020-2685041	81-08-07-202-053.002-003	003	7950	510	002	Center	5070100	None	C	AV	09/22/20	89,500	89,500	11,100	80,800	91,900	1.03	0.08
C81-2018-1544707	81-08-07-203-074.030-003	003	7950	510	002	Center	507011	None	C-1	AV	10/22/18	74,000	77,100	7,700	71,600	79,300	1.03	0.08
C81-2020-8746124	81-08-07-202-055.014-003	003	7950	510	002	Center	5070100	None	C-1	F	10/27/20	85,000	85,000	7,500	80,100	87,600	1.03	0.08
C81-2020-3781567	81-07-12-401-034.000-002	002	7950	511	002	Center	599002	None	C-1	AV	01/28/20	153,500	153,500	21,200	137,800	159,000	1.04	0.09
C81-2019-9018551	81-08-07-203-072.007-003	003	7950	510	002	Center	5070100	None	C-1	AV	05/17/19	80,000	82,500	11,900	74,400	86,300	1.05	0.10
C81-2019-9481360	81-08-07-202-058.033-003	003	7950	510	002	Center	5070100	None	C-1	F	12/23/19	75,000	76,500	18,500	62,300	80,800	1.06	0.11
C81-2020-1766844	81-08-12-108-020.007-003	003	7950	510	002	Center	5070100	None	C	AV	06/01/20	110,000	110,000	11,800	106,800	118,600	1.08	0.13
C81-2018-7690655	81-08-16-303-008.000-002	002	7950	511	002	Center	599002	None	C-1	AV	03/29/18	135,000	142,100	25,000	131,200	156,200	1.10	0.15
C81-2020-2372184	81-08-17-202-005.000-002	002	7950	511	002	Center	599002	None	C-1	AV	07/17/20	140,000	140,000	30,400	124,500	154,900	1.11	0.16
C81-2018-3260653	81-08-12-101-010.010-003	003	7950	510	002	Center	5070100	None	D-1	F	08/31/18	30,000	31,300	5,200	29,500	34,700	1.11	0.16
C81-2019-3083202	81-07-12-204-008.000-002	002	7950	511	002	Center	599002	None	C-1	F	03/15/19	75,000	77,600	13,000	75,300	88,300	1.14	0.19
C81-2015-2083598	81-08-07-206-068.022-003	003	7950	510	002	Center	507014	None	C	AV	11/18/20	120,000	120,000	24,600	113,400	138,000	1.15	0.20
C81-2019-5987221	81-08-07-202-049.005-003	003	7950	510	002	Center	5070100	None	C	AV	11/12/19	89,500	91,400	16,000	89,200	105,200	1.15	0.20
C81-2018-8643011	81-08-07-203-071.002-003	003	7950	540	002	Center	5070100	None	C	AV	10/25/18	38,000	39,600	14,000	31,600	45,600	1.15	0.20
C81-2018-1969666	81-08-12-105-015.012-003	003	7950	510	002	Center	5070100	None	C	AV	07/31/18	119,000	124,500	13,800	132,300	146,100	1.17	0.23
C81-2018-9726088	81-08-12-106-017.001-003	003	7950	510	002	Center	5070100	None	C	AV	03/30/18	95,000	100,000	10,700	107,500	118,200	1.18	0.24
C81-2018-8538665	81-08-07-202-050.016-003	003	7950	510	002	Center	5070100	None	C	F	11/30/18	60,000	62,400	11,500	62,700	74,200	1.19	0.24
C81-2019-8585916	81-08-07-206-068.025-003	003	7950	510	002	Center	507014	None	C	AV	06/24/19	141,414	145,500	24,600	150,800	175,400	1.21	0.26
C81-2020-3048147	81-08-12-102-015.012-003	003	7950	540	002	Center	5070100	None	C	AV	12/15/20	101,500	101,500	15,700	107,800	123,500	1.22	0.27
C81-2018-9946587	81-08-12-104-063.004-003	003	7950	540	002	Center	5070100	None	C	AV	03/19/18	77,900	82,000	15,700	85,000	100,700	1.23	0.28
C81-2020-6433337	81-08-12-101-034.002-003	003	7950	540	002	Center	5070100	None	C	AV	12/03/20	18,000	18,000	8,500	14,000	22,500	1.25	0.30
C81-2019-6794568	81-08-12-102-018.014-003	003	7950	510	002	Center	5070100	None	D	F	03/22/19	33,000	34,100	12,200	30,800	43,000	1.26	0.31
C81-2020-9815342	81-08-12-101-019.001-003	003	7950	510	002	Center	5070100	None	D	P	08/26/20	39,900	39,900	12,200	38,500	50,700	1.27	0.32
C81-2020-6155374	81-08-12-109-026.003-003	003	7950	510	002	Center	5070100	None	C-2	AV	12/10/20	69,000	69,000	11,100	77,900	89,000	1.29	0.34
C81-2020-5947267	81-08-07-404-023.000-002/81-	002	7950	511	002	Center	599002	None	C-2	F	08/07/20	96,500	96,500	25,000	100,700	125,700	1.30	0.36
C81-2018-5354145	81-08-16-303-019.000-002	002	7950	511	002	Center	599002	None	C	AV	05/04/18	69,000	72,500	21,700	86,700	108,400	1.50	0.55
C81-2018-7201011	81-08-07-206-068.008-003	003	7950	510	002	Center	507014	None	C	AV	06/05/18	91,325	95,800	16,200	128,900	145,100	1.51	0.57
												8,815,439	9,021,700		8,642,200	80.44	10.58	
Number of Sales	82																	
Mean	98.10%																	
Weighted Mean	95.79%																	
Median	0.95																	
Av Absolute Dev	12.90																	
COD	13.63																	
PRD	102.41%																	

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
Harrison & Union Improved Residential																		
C81-2019-7234845	81-04-31-303-002.006-005	005	7950	510	004	Harrison	5040100	UH	C	AV	03/29/19	198,000	204,600	9,600	132,400	142,000	0.69	0.25
C81-2019-4565056	81-08-36-301-016.003-008	008	7950	510	006	Union	5080100	UH	C-1	F	11/26/19	45,000	45,900	6,700	25,700	32,400	0.71	0.24
C81-2019-7098270	81-04-31-303-002.024-005	005	7950	510	004	Harrison	5040100	UH	C	AV	10/04/19	159,000	162,800	15,800	104,600	120,400	0.74	0.21
C81-2015-5856023	81-08-31-101-015.000-007/81-	007	7950	511	006	Union	599006	UH	C	AV	04/29/20	275,000	275,000	36,900	171,700	208,600	0.76	0.19
C81-2018-3714004	81-08-36-402-007.001-008	008	7950	510	006	Union	5080100	UH	C-1	F	12/14/18	83,400	86,600	9,900	55,800	65,700	0.76	0.19
C81-2019-2618307	81-04-15-102-013.000-005	005	7950	511	004	Harrison	599004	UH	C	AV	10/25/19	187,000	191,200	23,300	122,300	145,600	0.76	0.18
C81-2019-7136844	81-08-26-306-014.000-007	007	7950	511	006	Union	599006	UH	C	AV	05/10/19	200,000	206,300	20,900	136,400	157,300	0.76	0.18
C81-2019-2865776	81-12-12-101-003.000-007	007	7950	511	006	Union	599006	UH	C	AV	03/26/19	235,000	242,900	36,600	148,800	185,400	0.76	0.18
C81-2019-1561299	81-08-31-102-013.000-007/81-	007	7950	511	006	Union	599006	UH	C	AV	05/15/19	350,000	360,900	43,300	251,200	294,500	0.82	0.13
C81-2019-1703178	81-04-31-303-002.010-005	005	7950	510	004	Harrison	5040100	UH	C	AV	03/11/19	120,500	124,600	13,600	94,000	107,600	0.86	0.08
C81-2019-6858418	81-12-13-104-027.001-007	007	7950	511	006	Union	599006	UH	D	AV	09/06/19	140,000	143,500	25,000	99,800	124,800	0.87	0.08
C81-2020-6563356	81-08-26-403-004.000-007	007	7950	511	006	Union	599006	UH	D	AV	04/07/20	105,000	105,000	22,900	72,200	95,100	0.91	0.04
C81-2019-1038264	81-12-01-102-015.000-007	007	7950	511	006	Union	599006	UH	C	AV	04/19/19	180,750	186,600	23,500	149,700	173,200	0.93	0.02
C81-2018-9288343	81-04-31-303-002.022-005	005	7950	510	004	Harrison	5040100	UH	C	AV	04/13/18	155,000	163,000	25,000	127,800	152,800	0.94	0.01
C81-2020-5359010	81-12-13-403-007.009-007	007	7950	511	006	Union	599006	UH	C	AV	09/03/20	300,000	300,000	38,000	243,500	281,500	0.94	0.01
C81-2020-8820723	81-04-36-401-004.006-005	005	7950	511	004	Harrison	599004	UH	C	AV	10/30/20	212,000	212,000	25,000	175,400	200,400	0.95	0.00
C81-2019-1485541	81-08-36-103-008.010-008	008	7950	510	006	Union	5080100	UH	C-1	F	12/09/19	75,000	76,500	8,800	64,000	72,800	0.95	0.01
C81-2018-1069982	81-04-20-408-003.001-005	005	7950	511	004	Harrison	599004	UH	C-2	AV	09/26/18	115,000	120,000	23,500	90,700	114,200	0.95	0.01
C81-2018-6994369	81-08-26-207-001.001-007	007	7950	511	006	Union	599006	UH	C	AV	03/30/18	167,000	175,800	32,200	137,800	170,000	0.97	0.02
C81-2018-7740088	81-12-01-102-026.000-007	007	7950	511	006	Union	599006	UH	C	AV	11/02/18	140,000	145,800	21,000	120,600	141,600	0.97	0.03
C81-2018-5428572	81-08-35-101-013.000-007	007	7950	511	006	Union	599006	UH	C-1	AV	03/26/18	140,000	147,400	25,000	121,000	146,000	0.99	0.05
C81-2018-2099816	81-04-07-303-006.000-005	005	7950	511	004	Harrison	599004	UH	C	AV	02/22/18	175,000	184,500	21,100	165,400	186,500	1.01	0.07
C81-2018-8836459	81-12-06-404-006.009-007	007	7950	511	006	Union	599006	UH	C	AV	01/04/18	189,500	200,300	31,800	174,300	206,100	1.03	0.08
C81-2020-9077114	81-12-13-403-007.016-007	007	7950	510	006	Union	599006	UH	C	AV	07/07/20	135,000	135,000	26,800	117,500	144,300	1.07	0.12
C81-2019-2558949	81-12-05-303-006.015-007	007	7950	541	006	Union	599006	UH	C-1	AV	03/28/19	119,000	123,000	22,700	109,600	132,300	1.08	0.13
C81-2018-4951704	81-12-03-201-005.009-007	007	7950	510	006	Union	599006	UH	C	AV	08/30/18	180,000	188,000	24,800	177,700	202,500	1.08	0.13
C81-2018-6403070	81-04-34-101-006.000-005	005	7950	511	004	Harrison	599004	UH	C	AV	08/31/18	139,900	146,100	25,300	132,700	158,000	1.08	0.14
C81-2020-3741080	81-12-01-101-018.011-008	008	7950	510	006	Union	5080100	UH	C-1	F	09/28/20	40,000	40,000	4,600	42,600	47,200	1.18	0.23
C81-2020-8913816	81-08-36-403-013.006-008	008	7950	510	006	Union	5080100	UH	C-1	F	03/31/20	62,000	62,000	10,000	65,500	75,500	1.22	0.27
C81-2019-6789526	81-08-36-700-011.001-008	008	7950	510	006	Union	5080100	UH	C	F	12/06/19	55,000	56,100	23,400	48,000	71,400	1.27	0.33
C81-2018-8858961	81-12-13-403-007.009-007	007	7950	511	006	Union	599006	UH	C	AV	10/05/18	200,000	208,500	38,000	243,500	281,500	1.35	0.40
												4,878,050	5,019,900		4,637,200	29.34	3.99	
Number of Sales	31																	
Mean	94.66%																	
Weighted Mean	92.38%																	
Median	0.95																	
Av Absolute Dev	12.88																	
COD	13.62																	
PRD	102.47%																	

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
-------	---------------	-------------------	-----------------	----------------	---------------------	---------------	-------------------	----------	-------	-----------	--------------	------------	--------------------------	------------------------	-------------------------------	----------------------	-------------	--------------------

County Wide Vacant Commercial

0 Sales in the County

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
County Wide Improved Commercial																		
C81-2020-7900735	81-08-36-404-015.023-008	008	7950	444	006	Union	499008	CwComImp	C	F	12/04/20	125,000	125,000	21,600	66,400	88,000	0.70	0.28
C81-2020-7501310	81-08-12-101-001.008-003	003	7950	420	002	Center	499007	CwComImp	D	F	11/10/20	70,000	70,000	21,300	34,000	55,300	0.79	0.19
C81-2018-8579587	81-07-28-204-004.000-006	006	7950	499	005	Liberty	499005	CwComImp	D	F	01/08/18	27,500	29,100	15,400	10,600	26,000	0.89	0.09
C81-2019-4606597	81-08-36-404-015.015-008	008	7950	430	006	Union	499008	CwComImp	D	F	07/02/19	42,500	43,700	9,700	31,700	41,400	0.95	0.04
C81-2019-2475304	81-08-12-101-004.003-003	003	7950	444	002	Center	499007	CwComImp	C	AV	11/15/19	150,000	153,200	83,500	72,400	155,900	1.02	0.04
C81-2020-3786509	81-08-12-101-010.022-003	003	7950	499	002	Center	499007	CwComImp	D	F	12/07/20	42,900	42,900	35,400	8,900	44,300	1.03	0.05
C81-2020-8792255	81-07-28-204-004.000-006	006	7950	499	005	Liberty	499005	CwComImp	D	F	11/04/20	25,000	25,000	15,400	10,600	26,000	1.04	0.06
C81-2020-2708865	81-08-12-104-029.003-003/81-	003	7950	499	002	Center	499007	CwComImp	D	F	07/23/20	63,000	63,000	40,600	31,500	72,100	1.14	0.16
												545,900	551,900		509,000	7.57	0.90	
Number of Sales	8																	
Mean	94.62%																	
Weighted Mean	92.23%																	
Median	0.98																	
Av Absolute Dev	11.25																	
COD	11.45																	
PRD	102.59%																	

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
-------	---------------	-------------------	-----------------	----------------	---------------------	---------------	-------------------	----------	-------	-----------	--------------	------------	--------------------------	------------------------	-------------------------------	----------------------	-------------	--------------------

County Wide Vacant Industrial

0 Sales in the County

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	DLGF Tax District	School District	Property Class	County Tax District	Township Name	Neighborhood Code	Grouping	Grade	Condition	Date of Sale	Sale Price	Time Adjusted Sale Price	Assessed Value of Land	Assessed Value of Improvement	Total Assessed Value	Sales Ratio	Absolute Deviation
-------	---------------	-------------------	-----------------	----------------	---------------------	---------------	-------------------	----------	-------	-----------	--------------	------------	--------------------------	------------------------	-------------------------------	----------------------	-------------	--------------------

County Wide Improved Industrial

0 valid sales in the County
 Only 2 parcels in the County

UNION 2021 RATIO STUDY.xlsx

SDFID	Parcel Number	MultiParcel	Primary	Study Section	Grouping	Township Name	Neighborhood	Property Class	Taxing District	Sale Date	Study Sale Price	Current Land AV	ent Improvemen	Current Total AV
C81-2015-2083598	81-08-07-206-068.022-003	N	Y	ResImp	None	Center	507014	510	003	11/18/20	120,000	24,600	113400	138000
C81-2015-5856023	81-08-30-404-012.000-007	Y	N	ResImp	UH	Union	599006	501	007	04/29/20	275,000	10,500	0	10500
C81-2015-5856023	81-08-31-101-015.000-007	Y	Y	ResImp	UH	Union	599006	511	007	04/29/20	275,000	26,400	171700	198100
C81-2018-1036003	81-08-12-104-063.050-003	N	Y	ResImp	None	Center	507012	540	003	08/31/18	78,300	29,300	41300	70600
C81-2018-1069982	81-04-20-408-003.001-005	N	Y	ResImp	UH	Harrison	599004	511	005	09/26/18	120,000	23,500	90700	114200
C81-2018-1544707	81-08-07-203-074.030-003	N	Y	ResImp	None	Center	507011	510	003	10/22/18	77,100	7,700	71600	79300
C81-2018-1685182	81-08-03-404-007.000-002	N	Y	ResImp	None	Center	599002	511	002	12/28/18	136,500	18,300	107500	125800
C81-2018-1969666	81-08-12-105-015.012-003	N	Y	ResImp	None	Center	5070100	510	003	07/31/18	124,500	13,800	132300	146100
C81-2018-2099816	81-04-07-303-006.000-005	N	Y	ResImp	UH	Harrison	599004	511	005	02/22/18	184,500	21,100	165400	186500
C81-2018-2218571	81-07-11-500-003.000-006	N	Y	ResImp	BHL	Liberty	599005	511	006	01/22/18	166,200	25,900	131300	157200
C81-2018-2324179	81-06-17-301-009.000-001	N	Y	ResImp	BHL	Brownsville	599001	512	001	01/25/18	118,200	27,400	120600	148000
C81-2018-2540684	81-08-07-206-068.019-003	N	Y	ResImp	None	Center	507014	510	003	09/17/18	149,100	20,500	130300	150800
C81-2018-2541194	81-09-36-700-015.000-004	N	Y	ResImp	BHL	Harmony	599003	511	004	10/03/18	249,200	28,000	202300	230300
C81-2018-2917431	81-08-12-108-025.007-003	Y	N	ResImp	None	Center	5070100	500	003	03/22/18	99,900	800	0	800
C81-2018-2917431	81-08-12-104-005.005-003	Y	Y	ResImp	None	Center	5070100	540	003	03/22/18	99,900	19,800	80500	100300
C81-2018-3260653	81-08-12-101-010.010-003	N	Y	ResImp	None	Center	5070100	510	003	08/31/18	31,300	5,200	29500	34700
C81-2018-3303326	81-07-01-404-043.006-003	N	Y	ResImp	None	Center	5070100	510	003	05/04/18	99,800	19,500	76100	95600
C81-2018-3625766	81-08-07-206-068.004-003	N	Y	ResImp	None	Center	507014	510	003	04/26/18	157,700	19,900	121500	141400
C81-2018-3714004	81-08-36-402-007.001-008	N	Y	ResImp	UH	Union	5080100	510	008	12/14/18	86,600	9,900	55800	65700
C81-2018-3772384	81-07-10-201-007.007-006	N	Y	ResImp	BHL	Liberty	599005	511	006	06/13/18	136,300	20,700	101400	122100
C81-2018-4124034	81-08-12-102-014.008-003	N	Y	ResImp	None	Center	5070100	510	003	04/09/18	70,000	8,500	50000	58500
C81-2018-4695996	81-08-12-104-063.009-003	N	Y	ResImp	None	Center	507012	510	003	07/25/18	124,000	15,600	83400	99000
C81-2018-4951704	81-12-03-201-005.009-007	N	Y	ResImp	UH	Union	599006	510	007	08/30/18	188,000	24,800	177700	202500
C81-2018-5099400	81-07-27-401-018.025-006	N	Y	ResImp	BHL	Liberty	599005	511	006	08/14/18	52,300	25,700	21700	47400
C81-2018-5354145	81-08-16-303-019.000-002	N	Y	ResImp	None	Center	599002	511	002	05/04/18	72,500	21,700	86700	108400
C81-2018-5393608	81-11-14-600-014.002-004	N	Y	ResImp	BHL	Harmony	599003	511	004	04/13/18	199,800	26,500	145700	172200
C81-2018-5428572	81-08-35-101-013.000-007	N	Y	ResImp	UH	Union	599006	511	007	03/26/18	147,400	25,000	121000	146000
C81-2018-5494078	81-08-12-101-040.014-003	N	Y	ResImp	None	Center	5070100	510	003	10/15/18	120,800	11,100	84900	96000
C81-2018-5961546	81-07-03-303-003.000-006	N	Y	ResImp	BHL	Liberty	599005	510	006	06/18/18	102,200	18,700	100700	119400
C81-2018-6153261	81-07-10-201-003.000-006	N	Y	ResImp	BHL	Liberty	599005	511	006	09/28/18	106,100	26,000	56400	82400
C81-2018-6187246	81-08-07-202-051.021-003	N	Y	ResImp	None	Center	5070100	510	003	10/15/18	145,400	16,600	124900	141500
C81-2018-6271819	81-09-12-202-004.000-006	N	Y	ResImp	BHL	Liberty	599005	511	006	10/05/18	170,500	20,600	132100	152700
C81-2018-6389358	81-07-13-203-022.000-002	N	Y	ResImp	None	Center	599002	511	002	03/16/18	215,900	23,500	165200	188700
C81-2018-6403070	81-04-34-101-006.000-005	N	Y	ResImp	UH	Harrison	599004	511	005	08/31/18	146,100	25,300	132700	158000
C81-2018-6950529	81-11-13-304-013.000-004	N	Y	ResImp	BHL	Harmony	599003	511	004	07/25/18	81,100	22,000	85500	107500
C81-2018-6994369	81-08-26-207-001.001-007	N	Y	ResImp	UH	Union	599006	511	007	03/30/18	175,800	32,200	137800	170000
C81-2018-7201011	81-08-07-206-068.008-003	N	Y	ResImp	None	Center	507014	510	003	06/05/18	95,800	16,200	128900	145100
C81-2018-7336784	81-08-07-202-051.001-003	N	Y	ResImp	None	Center	5070100	510	003	04/05/18	121,000	13,300	93500	106800
C81-2018-7578550	81-07-11-101-011.005-006	N	Y	ResImp	BHL	Liberty	505013	510	006	06/13/18	167,700	12,800	135700	148500
C81-2018-7690655	81-08-16-303-008.000-002	N	Y	ResImp	None	Center	599002	511	002	03/29/18	142,100	25,000	131200	156200
C81-2018-7740088	81-12-01-102-026.000-007	N	Y	ResImp	UH	Union	599006	511	007	11/02/18	145,800	21,000	120600	141600
C81-2018-8309549	81-07-02-403-016.000-006	Y	N	ResImp	BHL	Liberty	505019	500	006	03/09/18	124,800	10,400	0	10400
C81-2018-8309549	81-07-02-403-014.000-006	Y	Y	ResImp	BHL	Liberty	505019	510	006	03/09/18	124,800	9,700	104800	114500
C81-2018-8325439	81-07-11-101-010.013-006	N	Y	ResImp	BHL	Liberty	505011	510	006	05/09/18	116,100	14,300	85400	99700
C81-2018-8460782	81-07-28-103-016.041-006	N	Y	ResImp	BHL	Liberty	505012	510	006	10/03/18	35,500	7,900	32400	40300
C81-2018-8538665	81-08-07-202-050.016-003	N	Y	ResImp	None	Center	5070100	510	003	11/30/18	62,400	11,500	62700	74200
C81-2018-8579587	81-07-28-204-004.000-006	N	Y	ComImp	CwComImp	Liberty	499005	499	006	01/08/18	29,100	15,400	10600	26000
C81-2018-8643011	81-08-07-203-071.002-003	N	Y	ResImp	None	Center	5070100	540	003	10/25/18	39,600	14,000	31600	45600
C81-2018-8716982	81-08-12-101-011.012-003	N	Y	ResImp	None	Center	5070100	510	003	01/16/18	62,500	9,100	53400	62500
C81-2018-8824783	81-06-18-402-030.000-001	N	Y	ResImp	BHL	Brownsville	5010100	510	001	05/14/18	56,700	6,500	35000	41500
C81-2018-8836459	81-12-06-404-006.009-007	N	Y	ResImp	UH	Union	599006	511	007	01/04/18	200,300	31,800	174300	206100
C81-2018-8858961	81-12-13-403-007.009-007	N	Y	ResImp	UH	Union	599006	511	007	10/05/18	208,500	38,000	243500	281500
C81-2018-8927271	81-08-12-104-063.008-003	N	Y	ResImp	None	Center	507012	510	003	07/11/18	130,900	15,600	101000	116600
C81-2018-9004182	81-07-24-103-010.000-002	N	Y	ResImp	None	Center	599002	511	002	08/15/18	210,100	29,600	165900	195500
C81-2018-9102876	81-03-10-800-011.000-001	Y	Y	ResImp	BHL	Brownsville	599001	511	001	04/13/18	250,300	31,700	174300	206000
C81-2018-9102876	81-03-11-600-013.000-001	Y	N	ResImp	BHL	Brownsville	599001	501	001	04/13/18	250,300	7,300	0	7300
C81-2018-9120058	81-08-12-101-040.010-003	N	Y	ResImp	None	Center	5070100	510	003	05/30/18	78,600	9,500	59900	69400
C81-2018-9288343	81-04-31-303-002.022-005	N	Y	ResImp	UH	Harrison	5040100	510	005	04/13/18	163,000	25,000	127800	152800
C81-2018-9726088	81-08-12-106-017.001-003	N	Y	ResImp	None	Center	5070100	510	003	03/30/18	100,000	10,700	107500	118200
C81-2018-9946587	81-08-12-104-063.004-003	N	Y	ResImp	None	Center	5070100	540	003	03/19/18	82,000	15,700	85000	100700
C81-2019-1038264	81-12-01-102-015.000-007	N	Y	ResImp	UH	Union	599006	511	007	04/19/19	186,600	23,500	149700	173200
C81-2019-1086391	81-07-13-203-021.000-002	N	Y	ResImp	None	Center	599002	511	002	07/15/19	205,600	23,500	178400	201900

UNION 2021 RATIO STUDY.xlsx

C81-2019-1104150	81-08-12-104-063.057-003	N	Y	ResImp	None	Center	507012	510	003	09/20/19	117,800	14,600	90800	105400
C81-2019-1485541	81-08-36-103-008.010-008	N	Y	ResImp	UH	Union	5080100	510	008	12/09/19	76,500	8,800	64000	72800
C81-2019-1561299	81-08-31-102-013.000-007	Y	Y	ResImp	UH	Union	599006	511	007	05/15/19	360,900	28,600	251200	279800
C81-2019-1561299	81-08-30-403-010.000-007	Y	N	ResImp	UH	Union	599006	501	007	05/15/19	360,900	14,700	0	14700
C81-2019-1703178	81-04-31-303-002.010-005	N	Y	ResImp	UH	Harrison	5040100	510	005	03/11/19	124,600	13,600	94000	107600
C81-2019-1889893	81-07-27-102-015.005-006	N	Y	ResImp	BHL	Liberty	505015	510	006	05/23/19	53,600	14,600	31000	45600
C81-2019-1950325	81-07-27-102-015.015-006	N	Y	ResImp	BHL	Liberty	505015	510	006	07/23/19	118,100	14,300	91700	106000
C81-2019-2212598	81-08-07-203-061.004-003	N	Y	ResImp	None	Center	5070100	510	003	07/30/19	87,300	10,200	58300	68500
C81-2019-2475304	81-08-12-101-004.003-003	N	Y	ComImp	CwComImp	Center	499007	444	003	11/15/19	153,200	83,500	72400	155900
C81-2019-2490411	81-07-11-101-010.035-006	N	Y	ResImp	BHL	Liberty	505011	511	006	06/07/19	175,100	22,500	120400	142900
C81-2019-2558949	81-12-05-303-006.015-007	N	Y	ResImp	UH	Union	599006	541	007	03/28/19	123,000	22,700	109600	132300
C81-2019-2618307	81-04-15-102-013.000-005	N	Y	ResImp	UH	Harrison	599004	511	005	10/25/19	191,200	23,300	122300	145600
C81-2019-2754942	81-08-07-203-072.004-003	N	Y	ResImp	None	Center	5070100	510	003	11/27/19	93,900	15,500	80400	95900
C81-2019-2865776	81-12-12-101-003.000-007	N	Y	ResImp	UH	Union	599006	511	007	03/26/19	242,900	36,600	148800	185400
C81-2019-3083202	81-07-12-204-008.000-002	N	Y	ResImp	None	Center	599002	511	002	03/15/19	77,600	13,000	75300	88300
C81-2019-3162638	81-05-24-403-004.002-006	N	Y	ResImp	BHL	Liberty	599005	511	006	12/13/19	172,400	22,100	164700	186800
C81-2019-3203983	81-05-12-205-020.000-001	N	Y	ResImp	BHL	Brownsville	599001	541	001	03/14/19	41,400	29,500	15600	45100
C81-2019-3300872	81-08-19-500-003.001-002	N	Y	ResImp	None	Center	599002	511	002	06/06/19	169,800	28,000	115500	143500
C81-2019-3323402	81-07-27-301-019.001-006	N	Y	ResImp	BHL	Liberty	599005	510	006	07/22/19	245,300	23,900	190300	214200
C81-2019-4460558	81-07-27-101-005.000-006	N	Y	ResImp	BHL	Liberty	599005	511	006	07/03/19	128,600	22,000	78500	100500
C81-2019-4466273	81-08-12-101-011.010-003	N	Y	ResImp	None	Center	5070100	510	003	08/20/19	92,300	12,000	71100	83100
C81-2019-4532182	81-08-12-108-013.007-003	N	Y	ResImp	None	Center	5070100	510	003	02/08/19	101,500	12,900	70000	82900
C81-2019-4565056	81-08-36-301-016.003-008	N	Y	ResImp	UH	Union	5080100	510	008	11/26/19	45,900	6,700	25700	32400
C81-2019-4578675	81-08-07-202-056.005-003	N	Y	ResImp	None	Center	5070100	510	003	10/18/19	123,800	7,600	111000	118600
C81-2019-4606597	81-08-36-404-015.015-008	N	Y	ComImp	CwComImp	Union	499008	430	008	07/02/19	43,700	9,700	31700	41400
C81-2019-4856885	81-07-27-102-015.017-006	N	Y	ResImp	BHL	Liberty	505015	510	006	01/25/19	119,200	19,300	81500	100800
C81-2019-4902200	81-08-12-102-018.007-003	N	Y	ResImp	None	Center	5070100	510	003	02/14/19	87,000	12,200	67900	80100
C81-2019-4927258	81-11-11-302-043.000-004	N	Y	ResImp	BHL	Harmony	5030000	510	004	11/22/19	27,100	3,200	23300	26500
C81-2019-5002964	81-08-12-101-011.014-003	N	Y	ResImp	None	Center	5070100	510	003	03/15/19	143,800	11,600	135500	147100
C81-2019-5481608	81-05-12-700-013.000-001	N	Y	ResImp	BHL	Brownsville	599001	511	001	03/29/19	72,300	35,500	42500	78000
C81-2019-5981808	81-08-12-303-015.000-002	Y	N	ResImp	None	Center	599002	501	002	11/08/19	137,900	5,000	0	5000
C81-2019-5981808	81-08-12-303-012.000-002	Y	Y	ResImp	None	Center	599002	541	002	11/08/19	137,900	23,600	81700	105300
C81-2019-5987221	81-08-07-202-049.005-003	N	Y	ResImp	None	Center	5070100	510	003	11/12/19	91,400	16,000	89200	105200
C81-2019-6237866	81-08-12-102-018.013-003	N	Y	ResImp	None	Center	5070100	510	003	03/22/19	81,600	12,200	59000	71200
C81-2019-6494664	81-08-07-202-050.020-003	N	Y	ResImp	None	Center	5070100	510	003	06/28/19	80,200	10,400	66900	77300
C81-2019-6715612	81-07-11-102-008.008-006	N	Y	ResImp	BHL	Liberty	505016	510	006	06/24/19	131,200	11,200	127100	138300
C81-2019-6789526	81-08-36-700-011.001-008	N	Y	ResImp	UH	Union	5080100	510	008	12/06/19	56,100	23,400	48000	71400
C81-2019-6794568	81-08-12-102-018.014-003	N	Y	ResImp	None	Center	5070100	510	003	03/22/19	34,100	12,200	30800	43000
C81-2019-6849013	81-08-07-203-072.007-003	N	Y	ResImp	None	Center	5070100	510	003	10/04/19	90,600	11,900	74400	86300
C81-2019-6858418	81-12-13-104-027.001-007	N	Y	ResImp	UH	Union	599006	511	007	09/06/19	143,500	25,000	99800	124800
C81-2019-6967211	81-08-07-203-068.014-003	N	Y	ResImp	None	Center	507014	510	003	09/17/19	179,300	18,800	150000	168800
C81-2019-7017305	81-08-12-108-008.015-003	N	Y	ResImp	None	Center	5070100	510	003	05/28/19	126,200	8,400	96300	104700
C81-2019-7098270	81-04-31-303-002.024-005	N	Y	ResImp	UH	Harrison	5040100	510	005	10/04/19	162,800	15,800	104600	120400
C81-2019-7136844	81-08-26-306-014.000-007	N	Y	ResImp	UH	Union	599006	511	007	05/10/19	206,300	20,900	136400	157300
C81-2019-7234845	81-04-31-303-002.006-005	N	Y	ResImp	UH	Harrison	5040100	510	005	03/29/19	204,600	9,600	132400	142000
C81-2019-7945649	81-08-07-202-051.002-003	N	Y	ResImp	None	Center	5070100	510	003	07/30/19	53,400	12,100	39000	51100
C81-2019-8375140	81-08-12-101-023.013-003	N	Y	ResImp	None	Center	5070100	510	003	07/26/19	109,900	13,000	71400	84400
C81-2019-8390694	81-03-25-104-001.011-001	N	Y	ResImp	BHL	Brownsville	5010200	510	001	03/22/19	61,900	10,200	54300	64500
C81-2019-8471302	81-08-07-202-057.001-003	N	Y	ResImp	None	Center	5070100	510	003	10/22/19	131,900	11,900	93600	105500
C81-2019-8585307	81-03-12-303-007.000-001	N	Y	ResImp	BHL	Brownsville	599001	511	001	07/05/19	193,300	27,500	133900	161400
C81-2019-8585916	81-08-07-206-068.025-003	N	Y	ResImp	None	Center	507014	510	003	06/24/19	145,500	24,600	150800	175400
C81-2019-8600598	81-08-12-101-020.004-003	N	Y	ResImp	None	Center	5070100	510	003	10/02/19	80,400	12,200	64800	77000
C81-2019-8957727	81-06-05-102-019.000-001	N	Y	ResImp	BHL	Brownsville	599001	541	001	04/12/19	120,300	25,000	59000	84000
C81-2019-9018551	81-08-07-203-072.007-003	N	Y	ResImp	None	Center	5070100	510	003	05/17/19	82,500	11,900	74400	86300
C81-2019-9052459	81-08-07-202-046.008-003	N	Y	ResImp	None	Center	507013	510	003	12/16/19	147,900	12,100	119300	131400
C81-2019-9161728	81-03-22-404-005.004-001	N	Y	ResImp	BHL	Brownsville	599001	541	001	09/23/19	128,400	23,900	135600	159500
C81-2019-9481360	81-08-07-202-058.033-003	N	Y	ResImp	None	Center	5070100	510	003	12/23/19	76,500	18,500	62300	80800
C81-2020-1241881	81-08-07-206-068.006-003	N	Y	ResImp	None	Center	507014	510	003	12/17/20	145,000	19,900	116300	136200
C81-2020-1423449	81-08-07-206-068.010-003	N	Y	ResImp	None	Center	507014	510	003	08/31/20	145,000	20,700	101000	121700
C81-2020-1599187	81-08-12-108-009.004-003	N	Y	ResImp	None	Center	5070100	510	003	03/10/20	108,000	7,000	88500	95500
C81-2020-1650374	81-07-12-204-011.000-002	N	Y	ResImp	None	Center	599002	511	002	05/18/20	176,000	22,300	138100	160400
C81-2020-1766844	81-08-12-108-020.007-003	N	Y	ResImp	None	Center	5070100	510	003	06/01/20	110,000	11,800	106800	118600
C81-2020-2162709	81-07-11-101-010.025-006	N	Y	ResImp	BHL	Liberty	505011	510	006	07/01/20	97,200	13,700	79000	92700

UNION 2021 RATIO STUDY.xlsx

C81-2020-2254432	81-08-07-203-075.021-003	N	Y	ResImp	None	Center	507011	510	003	08/21/20	130,000	13,900	84000	97900
C81-2020-2372184	81-08-17-202-005.000-002	N	Y	ResImp	None	Center	599002	511	002	07/17/20	140,000	30,400	124500	154900
C81-2020-2457211	81-07-02-403-008.000-006	N	Y	ResImp	BHL	Liberty	505018	510	006	09/04/20	179,000	17,900	117100	135000
C81-2020-2685041	81-08-07-202-053.002-003	N	Y	ResImp	None	Center	5070100	510	003	09/22/20	89,500	11,100	80800	91900
C81-2020-2708865	81-08-12-104-029.003-003	Y	Y	ComImp	CwComImp	Center	499007	499	003	07/23/20	63,000	28,000	31500	59500
C81-2020-2708865	81-08-12-104-029.002-003	Y	N	ComImp	CwComImp	Center	5070100	501	003	07/23/20	63,000	6,000	0	6000
C81-2020-2708865	81-08-12-104-029.007-003	Y	N	ComImp	CwComImp	Center	5070100	501	003	07/23/20	63,000	6,600	0	6600
C81-2020-2751394	81-08-07-202-055.013-003	N	Y	ResImp	None	Center	5070100	510	003	06/24/20	94,900	7,000	79600	86600
C81-2020-3048147	81-08-12-102-015.012-003	N	Y	ResImp	None	Center	5070100	540	003	12/15/20	101,500	15,700	107800	123500
C81-2020-3601693	81-08-07-206-068.008-003	N	Y	ResImp	None	Center	507014	510	003	03/17/20	164,500	16,200	128900	145100
C81-2020-3708458	81-03-27-102-002.000-001	Y	Y	ResImp	BHL	Brownsville	599001	541	001	07/24/20	90,000	23,000	42000	65000
C81-2020-3708458	81-03-27-800-004.001-001	Y	N	ResImp	BHL	Brownsville	599001	501	001	07/24/20	90,000	3,000	0	3000
C81-2020-3741080	81-12-01-101-018.011-008	N	Y	ResImp	UH	Union	5080100	510	008	09/28/20	40,000	4,600	42600	47200
C81-2020-3781567	81-07-12-401-034.000-002	N	Y	ResImp	None	Center	599002	511	002	01/28/20	153,500	21,200	137800	159000
C81-2020-3786509	81-08-12-101-010.022-003	N	Y	ComImp	CwComImp	Center	499007	499	003	12/07/20	42,900	35,400	8900	44300
C81-2020-3961960	81-07-02-403-002.009-006	N	Y	ResImp	BHL	Liberty	505019	510	006	05/28/20	123,500	17,900	126200	144100
C81-2020-4398318	81-08-07-203-072.004-003	N	Y	ResImp	None	Center	5070100	510	003	03/12/20	125,000	15,500	80400	95900
C81-2020-4740637	81-11-02-402-013.000-004	N	Y	ResImp	BHL	Harmony	599003	511	004	02/18/20	144,000	22,000	119400	141400
C81-2020-5061573	81-11-17-103-016.000-004	N	Y	ResImp	BHL	Harmony	599003	510	004	11/24/20	165,000	22,900	126200	149100
C81-2020-5359010	81-12-13-403-007.009-007	N	Y	ResImp	UH	Union	599006	511	007	09/03/20	300,000	38,000	243500	281500
C81-2020-5412070	81-08-11-309-008.001-002	N	Y	ResImp	None	Center	599002	511	002	03/13/20	124,000	26,300	64300	90600
C81-2020-5947267	81-08-07-404-023.000-002	Y	Y	ResImp	None	Center	599002	511	002	08/07/20	96,500	23,400	100700	124100
C81-2020-5947267	81-08-18-101-011.000-002	Y	N	ResImp	None	Center	599002	501	002	08/07/20	96,500	1,600	0	1600
C81-2020-6155374	81-08-12-109-026.003-003	N	Y	ResImp	None	Center	5070100	510	003	12/10/20	69,000	11,100	77900	89000
C81-2020-6433337	81-08-12-101-034.002-003	N	Y	ResImp	None	Center	5070100	540	003	12/03/20	18,000	8,500	14000	22500
C81-2020-6563356	81-08-26-403-004.000-007	N	Y	ResImp	UH	Union	599006	511	007	04/07/20	105,000	22,900	72200	95100
C81-2020-6619846	81-07-11-102-008.018-006	N	Y	ResImp	BHL	Liberty	505016	510	006	07/30/20	187,000	8,400	167300	175700
C81-2020-6721912	81-08-12-101-039.004-003	N	Y	ResImp	None	Center	5070100	510	003	06/09/20	120,000	12,000	84300	96300
C81-2020-6725946	81-07-03-404-021.018-006	N	Y	ResImp	BHL	Liberty	505020	510	006	12/03/20	243,000	27,000	234400	261400
C81-2020-6984582	81-11-15-403-105.993-004	N	Y	ResImp	BHL	Harmony	599003	510	004	10/30/20	115,000	23,000	124900	147900
C81-2020-6999297	81-08-07-203-060.017-003	N	Y	ResImp	None	Center	5070100	510	003	04/13/20	72,000	12,100	56700	68800
C81-2020-7170809	81-08-07-203-074.026-003	N	Y	ResImp	None	Center	507011	510	003	06/19/20	132,000	14,900	90200	105100
C81-2020-7401170	81-03-25-104-001.011-001	N	Y	ResImp	BHL	Brownsville	5010200	510	001	09/18/20	64,000	10,200	54300	64500
C81-2020-7501310	81-08-12-101-001.008-003	N	Y	ComImp	CwComImp	Center	499007	420	003	11/10/20	70,000	21,300	34000	55300
C81-2020-7900735	81-08-36-404-015.023-008	N	Y	ComImp	CwComImp	Union	499008	444	008	12/04/20	125,000	21,600	66400	88000
C81-2020-8214756	81-06-18-402-036.000-001	N	Y	ResImp	BHL	Brownsville	599001	510	001	03/23/20	181,000	18,700	166000	184700
C81-2020-8361822	81-08-07-203-074.016-003	N	Y	ResImp	None	Center	507011	510	003	11/19/20	96,000	8,400	71600	80000
C81-2020-8487157	81-08-07-206-068.009-003	N	Y	ResImp	None	Center	507014	510	003	03/31/20	130,000	20,900	92300	113200
C81-2020-8746124	81-08-07-202-055.014-003	N	Y	ResImp	None	Center	5070100	510	003	10/27/20	85,000	7,500	80100	87600
C81-2020-8792255	81-07-28-204-004.000-006	N	Y	ComImp	CwComImp	Liberty	499005	499	006	11/04/20	25,000	15,400	10600	26000
C81-2020-8820723	81-04-36-401-004.006-005	N	Y	ResImp	UH	Harrison	599004	511	005	10/30/20	212,000	25,000	175400	200400
C81-2020-8913816	81-08-36-403-013.006-008	N	Y	ResImp	UH	Union	5080100	510	008	03/31/20	62,000	10,000	65500	75500
C81-2020-9077114	81-12-13-403-007.016-007	N	Y	ResImp	UH	Union	599006	510	007	07/07/20	135,000	26,800	117500	144300
C81-2020-9078107	81-08-07-203-060.005-003	N	Y	ResImp	None	Center	5070100	510	003	10/16/20	125,900	18,700	88600	107300
C81-2020-9412419	81-08-12-104-064.010-003	N	Y	ResImp	None	Center	5070100	510	003	04/13/20	107,000	11,700	83100	94800
C81-2020-9495141	81-08-07-202-046.009-003	N	Y	ResImp	None	Center	507013	510	003	07/23/20	128,000	14,000	99600	113600
C81-2020-9587237	81-06-18-402-003.143-001	N	Y	ResImp	BHL	Brownsville	5010100	510	001	09/16/20	35,500	8,500	29100	37600
C81-2020-9712039	81-08-12-108-006.001-003	N	Y	ResImp	None	Center	5070100	510	003	01/22/20	98,000	12,000	57500	69500
C81-2020-9815342	81-08-12-101-019.001-003	N	Y	ResImp	None	Center	5070100	510	003	08/26/20	39,900	12,200	38500	50700