

# TAB 3

2023 Assessment Year

ECF Analysis for the 2023 assessment roll.

Sales utilized in the analysis were for a two year equalization study with dates from April 1, 2020 thru March 31, 2022.

In this Section you will find:

1. L-4018 for 2023 Equalization Study for real property
2. Development of Economic Condition Factors
3. ECF tables
4. ECF analysis for real property classes

## State Tax Commission Analysis for Equalized Valuation of Real Property

County Name		City/Township Name (check appropriate box)		<input type="checkbox"/> City	<input checked="" type="checkbox"/> Township	Study Year	/	Equalization Year
Livingston County		Unadilla Township				2022	/	2023
<b>Assessment Roll Classification</b>								
Class of Real Property	Study Type	Stratified Study	Combined Study	Assessed Value	No. of Parcels	Assessed Value	True Cash Value	% Ratio Assessments to Appraisals
100 Agricultural	AS			14,605,300	14	1,226,550	2,794,708	43.89 %
200 Commercial	AS			2,785,300	7	516,450	1,257,000	41.09 %
300 Industrial	AS			252,600	3	228,050	489,978	46.54 %
400 Residential	S2			184,353,900	129	0	0	46.38 %
500 Timber-Cutover	NC			0	0	0	0	50.00 %
600 Developmental	NC			0	0	0	0	50.00 %
<b>TOTAL - REAL</b>				201,997,100	153		438,084,120	

### Study Type Codes

AS: Appraisal Study

NC: None Classified

OH: One Hundred % Study

S1: One Year Sales Study

S2: Two Year Sales Study

NW: New Class

RA: Reappraisal

ES: Estimated Values (Explain):

### INSTRUCTIONS, Page 1:

Enter county name.

Enter Unit name and check the appropriate box for township or city.

Enter study year followed by equalization year.

For the following, enter into the appropriate field within each classification of real property, the study results of each study conducted.

**Study Type:** Enter the two character code/s that best identify the study types used to obtain the projected true cash value for the classification. NOTE: The two character codes to be used can be found under the "Study Type Codes" heading of this form.

**Stratified Study:** If a stratified study is used, check this box and follow the instructions on page 2 of this form.

**Combined Study:** If a combined study is used, check this box and follow the instructions on page 3 of this form.

**Assessed Value:** Enter the current year's ending Assessed Value of the classification from the current year classification from the 2164 (L-4023).

**No. of Parcels:** Enter the number of parcels included in the study sample.

**Sample Assessed Value:** Enter the assessed value of the appraisal study sample when study type "AS" is used. If "OH" is also selected this value must match Assessed Value of the classification. **NOTE:** No data entry required if using a sales study, stratified study or combined study.

**Sample True Cash Value:** Enter the true cash value of the appraisal study sample when study type "AS" is used. NOTE: No data entry required if using a sales study, stratified study or combined study.

**% Ratio Assessments to Appraisals:** Enter the ratio by dividing the "Assessed Value" by the "True Cash Value" of the appraisal study sample when study type "AS" is used. The ratio will be rounded to four decimals and displayed using two decimals (0.4975 displayed as 49.75). NOTE: If using a sales study, enter the applicable ratio from the form 2793 (L-4017/L-4047). If using a stratified or combined study, then the resulting "Study % Ratio" for the classification is used from page 2 for a Stratified Study or from page 3 for a Combined Study.

**Projected True Cash Value:** Enter the projected true cash value by dividing "Assessed Value" of the classification by the "% Ratio Assessment to Appraisals". NOTE: If using a stratified or combined study, then the total projected true cash value for the classification is used from page 2 for a Stratified Study or from page 3 for a Combined Study.

**Remarks:** Enter brief remarks relating to the study if applicable.

**Study Type Codes:** If "ES" was selected as a study type, please give a brief explanation why the estimated value was used.

**INSTRUCTIONS: County Summary (Total Recap)**

Enter county name.

Enter study year followed by equalization year.

**Sample True Cash Value:** Enter the true cash value of the appraisal study sample when study type "AS" is used. NOTE: No data entry required if using a sales study, stratified study or combined study.

**% Ratio Assessments to Appraisals:** Enter the ratio by dividing the "Assessed Value" by the "True Cash Value" of the classification.

**No. of Parcels:** Enter the total number of study parcels included in the classification.

**Sample Assessed Value:** Enter the assessed value of the classification.

**Sample True Cash Value:** Enter the true cash value of the classification.

**% Ratio Assessments to Appraisals:** Enter the ratio by dividing the "Assessed Value" by the "True Cash Value" of the classification.

**True Cash Value:** Enter the total projected true cash value of the classification.

**Remarks:** Enter brief remarks relating to the study if applicable.

**Projected True Cash Value:** Enter the total Projected True Cash Value by summing the projected true cash values of the individual units in the classification.

**Remarks:** Enter brief remarks relating to the study if applicable.

## **Chapter 3: Development of Economic Condition Factors**

What is an Economic Condition Factor (ECF)? An ECF adjusts the assessor's use of the Assessors Manual to the local market. County multipliers are provided by the State Tax Commission and adjusted annually to reflect change in the market of the construction costs found in the State Tax Commission Assessor's Manual (Assessors Manual) and to "bring" those costs to the County level. But economic condition factors are necessary, and developed annually by assessors to further refine these costs to the local market.

"An ECF must be determined and used in cost appraisal situations where the Assessor's Manual is used." It is not appropriate to declare that one isn't used because the assessor relied on a recently published Assessor's Manual, or because the improvements are newly constructed. The ECF is used to adjust the costs of the Assessor's Manual to local markets. An ECF must be used regardless of the age of the improvements being valued.

According to the Michigan Constitution, Article IX, Section 3, assessments are developed annually, uniformly and not to exceed 50% of a property's true cash value. Because of the diversity of properties Michigan assessors must value every year in their respective jurisdiction(s), assessors often rely on mass appraisal models to accomplish this task. Most mass appraisal models rely on a cost-less-depreciation approach and adjust its results to what properties are selling for through the use of an ECF. The ECF is prepared by analyzing properties which have sold and then comparing their respective cost-less-depreciation of the buildings (i.e., building value) to that portion of the sale prices attributable to those buildings.

### **Calculation of Economic Condition Factors**

An ECF is developed by analyzing verified property true cash value level sale prices. The portion of each sale price attributed to the building(s) only on the parcel is compared to the value on the record card of the same building(s). The ECF represents the relationship between the appraised value of the building and calculated using the Assessors Manual and its respective building value (i.e., the sale value of that building). When the building value is added to the value of the land and the land improvements, an indication of true cash value is developed for assessment purposes.

Generally, the sales used for the ECF analysis should be from the same time period used for the sales study utilized for Equalization. This is often a 24-month time period.

Michigan assessors must consider the following guidelines when developing and applying ECFs:

1. The time period of sales for the ECF study should be the same as the County Equalization Department study.
2. The County multiplier used by the assessor should be the same as the County Equalization Department.
3. The ECF is not applied to land value or the land improvements.
4. The ECF is only applied to building improvements.
5. The ECF is not applied to any buildings that are assessed as "flat-values".

Assessors should start the ECF calculation by identification of an ECF "neighborhood". The neighborhood should be established so properties sharing similar value-related property characteristics are analyzed together. Borders for ECF neighborhoods may be natural and/or human made. They can also be based on the age of the buildings, construction type and qualities of the buildings, general location amenities, as well as a number of other attributes. ECF's are typically calculated for a group of properties based upon the primary structure and its characteristics. For example, the neighborhood may consist of masonry/brick one-story homes built in the 1950's in a subdivision developed with 800 lots or wood frame two-story homes built in the 1960's throughout a small community.

Assessors can make the mistake of having too many neighborhoods. Assessors set up neighborhoods based on subdivisions and the parcel count is simply too small to do any type of analysis. Within the commercial and industrial classes, ECF's are sometimes calculated for different types of properties (e.g., apartments, warehouses, strip retail centers, big box retail stores, manufacturing plants, and research and development buildings)

It is critical that the ECF analysis be based upon a sufficient number of verified arms-length sales transactions and that the sales be representative of the properties being assessed using the ECF. In some rural townships, there may be insufficient sales to develop an ECF. In this case, the assessor may have to analyze sales in adjoining communities to assist in developing an ECF. The assessor may need to include sales having occurred outside the normal period, requiring the use of a market conditions adjustment (i.e., time). It may be necessary to compare the subject area to another area with a known ECF and make adjustments in much the same way as comparable sales are adjusted to a subject property in a market appraisal.

An assessor should verify the sale price and terms of sale for each parcel used in its ECF analysis. An assessor should also make a physical inspection of the property to determine if there were any physical changes that may affect the sale price. Physical changes could include remodeling a basement, an addition to the building, or a new garage. These changes must be noted so that the assessor can properly value the property as it existed prior to the sale, or so the property can be removed from the ECF analysis. The assessor should use the effective age as of the date of sale or the assessment date.

The proper development of land value is essential to an accurate ECF. The estimate of the depreciated value of the land improvements is also critical. It is important that the land values used to set the ECF are also the land values used for the assessments of those properties. These items are removed from the sale price when developing an ECF.

In terms of comparisons, assessors should try to use properties with small amounts of land and land improvements. Fewer and smaller the deductions will allow for the most accurate ECF because, in most cases, the most value is in the structure. An example would be trying to use a parcel with a house on an 80 acre parcel compared to a similar house on a 1 acre parcel. Chances are the 80 acres are worth more than the house. A slight value difference in the land would cause a huge value change in the residual for the house.

ECFs should generally be applied as calculated. Any variation from the calculated ECF must be fully documented. The detailed calculations used to develop the ECF must be kept on file to be used in defense of appeals, necessary in AMAR audits, explaining assessment to property owners, etc.

The following table contains an example of reproduction costs of four homes which are identical except for their location and are located in six different counties. The base cost is multiplied by the appropriate County multiplier to give the final cost new for each house in each County.

County	Base Reproduction Cost New	County Multiplier	Final Reproduction Cost New
Alcona	\$100,000	1.05	\$105,000
Marquette	\$100,000	1.13	\$113,000
Sanilac	\$100,000	1.14	\$114,000
Kent	\$100,000	1.19	\$119,000
Wayne	\$100,000	1.36	\$136,000
Van Buren	\$100,000	1.13	\$113,000

After getting an estimate of cost new, you subtract depreciation which gives an estimate of cost-new-less-depreciation. To develop an ECF, the depreciated cost of the building which has sold is compared to the sale value of that same building. The ECF indicator for each sale is calculated by dividing the sale price of the building by its cost new (with county multiplier applied) less any and all depreciation associated with the building. One ECF indicator is not sufficient for the development of a reliable ECF. Use of a sufficient number of sales is necessary to ensure the accuracy of an ECF.

Although the individual ECF calculations are shown in the ECF analysis, the separate ECF indicators are **not averaged** to develop the final ECF. The separate ECF indications are listed so an assessor can easily observe and review "outlying" ECFs. Also, showing the individual ECF indications allows the assessing officer an opportunity to observe if there is consistency or patterns reflected by the analysis. It is a good practice to plot the individual ECF indications on a map of the ECF area. Plotting individual ECF indications on a map may help an assessor's ECF evaluation. This same procedure is followed to develop commercial and industrial ECFs.

The development of an ECF is relatively simple if there are a sufficient number of recent, relevant, and reliable sales in the area. Sales for the ECF analysis should be limited to those occurring during the same time period as the sales study used to set the starting base. It is not necessary, or appropriate, to adjust sales for market conditions (i.e., time) if they transacted within the proper sale study time period.

E.C.F.s for Neighborhood: 00001 'AGRICULTURAL'

Residential : 0.940  
Town Homes/Duplexes: 0.800  
Mobile Homes : 1.000  
Agricultural Bldgs : 0.910  
Commercial Bldgs : 1.000  
Industrial Bldgs : 1.000

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 1 'PINCKNEY'

Residential : 1.060  
Town Homes/Duplexes: 1.000  
Mobile Homes : 1.210  
Agricultural Bldgs : 1.100  
Commercial Bldgs : 1.000  
Industrial Bldgs : 0.800

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 120 'UNADILLA MOBILE HOME ESTATES'

Residential : 1.000  
Town Homes/Duplexes: 1.000  
Mobile Homes : 1.200  
Agricultural Bldgs : 1.100  
Commercial Bldgs : 1.000  
Industrial Bldgs : 1.000

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 140 'UNADILLA '

Residential : 1.110  
Town Homes/Duplexes: 1.000  
Mobile Homes : 1.210  
Agricultural Bldgs : 1.100  
Commercial Bldgs : 1.000  
Industrial Bldgs : 1.000

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 160      'SAN LURAY BEACH'

Residential : 1.140  
Town Homes/Duplexes: 1.000  
Mobile Homes : 1.000  
Agricultural Bldgs : 1.100  
Commercial Bldgs : 1.000  
Industrial Bldgs : 1.000

(Optional) Gross Rate Multipliers  
A: 0.000

B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 190      'LAKES'

Residential : 1.100  
Town Homes/Duplexes: 1.000  
Mobile Homes : 1.000  
Agricultural Bldgs : 1.100  
Commercial Bldgs : 1.000  
Industrial Bldgs : 1.000

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 2      'FOWLERVILLE'

Residential : 1.020  
Town Homes/Duplexes: 1.000  
Mobile Homes : 1.000  
Agricultural Bldgs : 1.100  
Commercial Bldgs : 1.000  
Industrial Bldgs : 1.000

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 200      'COMMERCIAL 1/IND'

Residential : 1.000  
Town Homes/Duplexes: 1.000  
Mobile Homes : 0.800  
Agricultural Bldgs : 1.000  
Commercial Bldgs : 0.920  
Industrial Bldgs : 0.970

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

E.C.F.s for Neighborhood: 3      'STOCKBRIDGE'

Residential : 1.020  
Town Homes/Duplexes: 1.050  
Mobile Homes : 1.210  
Agricultural Bldgs : 1.100  
Commercial Bldgs : 1.000  
Industrial Bldgs : 1.000

(Optional) Gross Rate Multipliers

A: 0.000  
B: 0.000  
C: 0.000  
D: 0.000

Parcel #	Sale Date	Sale Price	Land	Residual	STC Cost	IND ECF
47-13-17-100-001+	3/6/2020	\$380,000	\$306,810	\$73,190	\$86,596	0.85
33-104-04-10-100-004	8/1/2021	\$5,899,500	\$5,150,697	\$748,803	\$756,853	0.99
33-06-06-26-400-014	2/2/2022	\$331,000	\$160,023	\$170,977	\$179,544	0.95
33-06-06-35-200-016	10/18/2021	\$775,000	\$334,011	\$440,989	\$450,144	0.98
33-07-07-03-300-013	5/17/2021	\$580,000	\$353,340	\$226,660	\$236,987	0.96

Use .94

Average

0.94

Parcel #	Sale Date	Sale Price	Land	Residual	STC Cost	IND ECF
05-15-100-016	06/2021	\$1,550,000	\$172,541	\$1,377,459	\$1,588,260	0.87
18-31-400-017	07/2021	\$1,175,000	\$326,024	\$848,976	\$936,191	0.91
11-05-300-043	10/2021	\$759,000	\$161,182	\$597,818	\$581,017	1.03
11-05-303-008	03/2021	\$795,000	\$158,916	\$636,084	\$665,735	0.96
08-28-101-002	03/2022	\$1,394,400	\$167,063	\$1,227,337	\$1,122,248	1.09

Use .97

Average

0.97

## Commercial ECF

2023

Parcel #	Sale Date	Sale Price	Land	Residual	STC Cost	IND ECF
47-13-22-301-001+	10/21/22	\$175,000	\$97,600	\$77,400	\$92,555	0.84
47-13-22-301-031	6/1/22	\$60,000	\$8,984	\$51,016	\$50,300	1.01
12-29-400-020	02/22	\$450,000	\$116,116	\$333,884	\$246,349	1.36
18-30-306-053	9/20	\$200,000	\$145,200	\$54,800	\$58,875	0.93
09-16-200-016	06/21	\$220,000	\$38,000	\$182,000	\$246,215	0.74
11-28-301-012	1/21	\$450,000	\$113,459	\$336,541	\$542,594	0.62
18-31-102-029	3/22	\$700,000	\$277,570	\$422,430	\$386,274	1.09

Use .92

Average

0.92

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ECF Analysis for: 4713 - UNADILLA TWP

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Neighborhoods Used: 2. FOWLERVILLE

DB: Unadilla Twp 2023

## 19004 WELLER

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-02-100-024	05/17/2021 2	401	442,500	66,987
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	96	375,513	383,188
				0.980



## 18285 BERKSHIRE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-03-301-003	04/30/2021 2	401	337,000	34,296
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	65	277,953	216,153
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	24751	19248		1.286



## 18225 BERKSHIRE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-03-301-009	06/19/2020 2	401	150,000	33,196
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	75	116,804	131,203
				0.890



## 20017 WASSON

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-02-300-013	06/02/2020 2	401	254,000	87,271
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	68	151,463	149,351
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	15266	15053		1.014



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ECF Analysis for: 4713 - UNADILLA TWP

Page: 2/2  
DB: Unadilla Twp 2023

Neighborhoods Used: 2.FOWLERVILLE

<<<<<<<<< Statistics for this Analysis >>>>>>>>>

# Valid Sales	# Invalid Sales	Coefficient of Dispersion (%)	Coefficient of Variation (%)	Price Related Differential
4	14	7.92	11.90	1.017
After Application of E.C.F.s		4.54	6.44	1.006

<<<<< Economic Condition Factor Estimates (# of data points) >>>>>

* Style *	91..100	81..90	71..80	61..70	51..60	0..50
BI-LEVEL	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
CAPE-COD	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
LOG	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
MODULAR/MOBILE	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
MULTI-STORY	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
RANCH	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
TRI-LEVEL	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
TWO-STORY	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)
	0.980( 1)	1.000( 0)	0.890( 1)	1.175( 2)	1.000( 0)	1.000( 0)

Single Family E.C.F. : 1.048 (4)  
Mobile Home E.C.F. : 1.000 (0)  
Town Home E.C.F. : 1.000 (0)  
Agricultural E.C.F. : 1.167 (2)  
Commercial E.C.F. : 1.000 (0)

<<<<<<<<< Settings for this Analysis >>>>>>>>

Starting Date: 04/01/2020  
Ending Date: 03/31/2022  
Terms Selected: 1  
Analyze by Style:  
Analyze by %Good: X  
Show Valid Data : X  
Show Invalid Data :  
Show Costs and Residuals:  
Use Infl. Adj. Sale Prices:  
Neighborhood(s): 2 - FOWLERVILLE

Max # of Res. Buildings: 10 Minimum E.C.F. (Residential): 0.60  
Maximum E.C.F. (Residential): 1.30

Max # of Ag. Buildings: 30 Minimum E.C.F. (Agricultural): 0.50  
Maximum E.C.F. (Agricultural): 1.40

Max # of C/I Buildings: 30 Minimum E.C.F. (Commercial): 0.70  
Maximum E.C.F. (Commercial): 1.50

Neighborhoods Used: 1.PINCKNEY

## 21970 SPEARSWOOD

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-13-200-022	11/24/2021 1	401	315,000	68,714
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	BI-LEVEL	60	246,286	192,170
				1.282



## 6400 DUTCHER

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-01-200-018	08/31/2021 1	401	506,100	58,781
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	85	433,886	349,684
Agricultural Buildings:			CostByManual	E.C.F.
		13433	10826	1.241



## 21396 SPEARS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-12-300-043	05/07/2021 1	401	264,000	41,806
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	60	205,819	178,859
Agricultural Buildings:			CostByManual	E.C.F.
		16375	14230	1.151



## 21396 SPEARS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-12-300-021	05/07/2021 1	001	264,000	56,962
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	60	191,780	178,859
Agricultural Buildings:			CostByManual	E.C.F.
		15258	14230	1.072



## 15778 DREAM CATCHER

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-24-100-037	05/07/2021 1	401	425,000	47,652
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	80	365,906	356,651
Agricultural Buildings:			CostByManual	E.C.F.
		11442	11153	1.026



## 6075 W M-36

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-13-400-010	10/13/2020 1	401	265,000	64,408
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	59	192,315	148,964
Agricultural Buildings:			CostByManual	E.C.F.
		8277	6411	1.291



## 15877 M-36

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-24-200-042	09/24/2020 1	401	190,000	45,944
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MODULAR/MOBILE	82	141,787	128,739
Agricultural Buildings:			CostByManual	E.C.F.
		2269	2060	1.101



## 15804 DREAM CATCHER

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-24-100-045	08/31/2020 1	401	865,000	143,533
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	74	643,121	682,884
Agricultural Buildings:			CostByManual	E.C.F.
		78346	83190	0.942



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Neighborhoods Used: 1.PINCKNEY

ECF Analysis for: 4713 - UNADILLA TWP

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DB: Unadilla Twp 2023

24124 BARTON

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-13-400-028	06/26/2020 1	401	234,900	43,101
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	80	191,799	192,619
				E.C.F.
				0.996



21500 WASSON

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-01-400-003	06/23/2020 1	401	294,900	60,662
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	60	215,845	188,772
Agricultural Buildings:		ResidualValue	CostByManual	E.C.F.
		18393	16086	1.143



21386 SPEARS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-12-300-030	06/15/2020 1	401	235,000	49,282
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	55	185,718	223,768
				E.C.F.
				0.830



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## Statistics for this Analysis

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# Valid Sales	# Invalid Sales	Coefficient of Dispersion (%)	Coefficient of Variation (%)	Price Related Differential
11	14	8.46	10.62	0.992
After Application of E.C.F.s		6.48	10.18	1.004

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## Economic Condition Factor Estimates (# of data points)

&gt;&gt;&gt;&gt;&gt;

* Style *	91..100	81..90	71..80	61..70	51..60	0..50
BI-LEVEL	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
CAPE-COD	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
LOG	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
MODULAR/MOBILE	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
MULTI-STORY	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
RANCH	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
TRI-LEVEL	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
TWO-STORY	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)
	1.000( 0)	1.203( 2)	0.975( 3)	1.000( 0)	1.114( 6)	1.000( 0)

Single Family E.C.F. : 1.068 (11)

Mobile Home E.C.F. : 1.000 (0)

Town Home E.C.F. : 1.000 (0)

Agricultural E.C.F. : 1.035 (8)

Commercial E.C.F. : 1.000 (0)

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## Settings for this Analysis

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Starting Date: 04/01/2020

Ending Date: 03/31/2022

Terms Selected: 1

Analyze by Style:

Analyze by %Good: X

Show Valid Data : X

Show Invalid Data :

Show Costs and Residuals:

Use Infl. Adj. Sale Prices:

Neighborhood(s): 1 - PINCKNEY

Max # of Res. Buildings: 10

Minimum E.C.F. (Residential): 0.60  
Maximum E.C.F. (Residential): 1.30

Max # of Ag. Buildings: 30

Minimum E.C.F. (Agricultural): 0.50  
Maximum E.C.F. (Agricultural): 1.40

Max # of C/I Buildings: 30

Minimum E.C.F. (Commercial): 0.70  
Maximum E.C.F. (Commercial): 1.50

Neighborhoods Used: 160, SAN LURAY BEACH

## 6017 SAN MARINO

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-301-017	01/14/2022 160	401	265,000	31,539
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family RANCH	65	208,920	167,100	1.250
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	24541	19628	1.250	



## 6017 SAN MARINO

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-301-017	03/26/2021 160	401	219,260	31,539
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family RANCH	65	167,988	167,100	1.005
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	19733	19628	1.005	



## 5959 SAN LURAY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-301-029	10/28/2020 160	401	230,000	20,699
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family TWO-STORY	78	209,301	164,548	1.272



## SAN LURAY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-301-005	06/12/2020 160	401	230,000	83,121
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	60	142,990	130,456	1.096
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	3889	3548	1.096	

!!MULTI-PARCEL SALE!!



## SAN LURAY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-301-004	06/12/2020 160	401	230,000	83,121
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	60	142,990	130,456	1.096
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	3889	3548	1.096	

!!MULTI-PARCEL SALE!!

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## Statistics for this Analysis

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# Valid Sales	# Invalid Sales	Coefficient of Dispersion (%)	Coefficient of Variation (%)	Price Related Differential
5	4	6.58	9.45	1.004
After Application of E.C.F.s		3.82	6.03	1.004

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## Economic Condition Factor Estimates (# of data points) &gt;&gt;&gt;&gt;&gt;

* Style *	91..100	81..90	71..80	61..70	51..60	0..50
BI-LEVEL	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
CAPE-COD	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
LOG	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
MODULAR/MOBILE	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
MULTI-STORY	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
RANCH	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
TRI-LEVEL	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
TWO-STORY	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)
	1.000( 0)	1.000( 0)	1.272( 1)	1.128( 2)	1.096( 2)	1.000( 0)

Single Family E.C.F. : 1.148 (5)

Mobile Home E.C.F. : 1.000 (0)

Town Home E.C.F. : 1.000 (0)

Agricultural E.C.F. : 1.123 (4)

Commercial E.C.F. : 1.000 (0)

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## Settings for this Analysis

&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;

Starting Date: 04/01/2020

Ending Date: 03/31/2022

Terms Selected: 1

Analyze by Style:

Analyze by %Good: X

Show Valid Data : X

Show Invalid Data :

Show Costs and Residuals:

Use Infl. Adj. Sale Prices:

Neighborhood(s): 160 - SAN LURAY BEACH

Max # of Res. Buildings: 10

Minimum E.C.F. (Residential): 0.60  
Maximum E.C.F. (Residential): 1.30

Max # of Ag. Buildings: 30

Minimum E.C.F. (Agricultural): 0.50  
Maximum E.C.F. (Agricultural): 1.40

Max # of C/I Buildings: 30

Minimum E.C.F. (Commercial): 0.70  
Maximum E.C.F. (Commercial): 1.50

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ECF Analysis for: 4713 - UNADILLA TWP

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DB: Unadilla Twp 2023

Neighborhoods Used: 3 STOCKBRIDGE

17400 DUTTON

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-08-300-007	03/26/2022 3	401	378,000	49,850
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	RANCH	76	316,103	258,481 1.223
Agricultural Buildings:		ResidualValue	CostByManual	E.C.F.
		12047	9851	1.223



21109 DOYLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-25-400-006	03/15/2022 3	401	390,000	68,308
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MULTI-STORY	67	321,692	285,344 1.127



21799 CELESTIAL CIRCLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-25-201-047	11/23/2021 3	401	335,000	24,468
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	RANCH	96	310,532	289,758 1.072



19465 DOYLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-27-100-016	11/10/2021 3	401	255,000	36,985
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	TWO-STORY	60	218,015	171,442 1.272



109 CHURCH

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-301-017	10/22/2021 3	401	230,500	13,200
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	TWO-STORY	65	217,130	192,004 1.131
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	170	150	1.131	



18218 BRADLEY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-05-400-014	10/06/2021 3	401	170,000	18,610
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MULTI-STORY	69	151,390	132,104 1.146



1954 BRIDGETS WAY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-401-012	09/15/2021 3	402	52,500	38,141
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	RANCH	81	14,359	16,230 0.885



18900 BOWDISH

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-33-400-008	09/10/2021 3	401	190,000	37,525
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MODULAR/MOBILE	69	152,475	146,520 1.041



Neighborhoods Used: 3 STOCKBRIDGE

## 210 STOCKBRIDGE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-401-007	08/31/2021 3	401	171,000	14,393
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	60	156,607	E.C.F.
			122,535	1.278



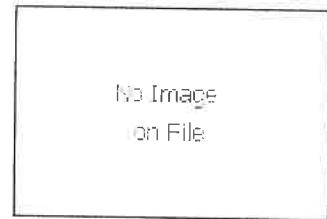
## 1743 TREELANE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-400-012	08/13/2021 3	401	290,000	25,535
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	82	264,465	E.C.F.
			216,087	1.224



## 21110 KAISER

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-35-400-034	08/13/2021 3	401	350,000	59,880
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	48	282,172	E.C.F.
Agricultural Buildings:	ResidualValue	CostByManual		0.983
	7948	8082		0.983



## 108 STOCKBRIDGE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-401-015	07/28/2021 3	401	80,000	18,569
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	60	61,431	E.C.F.
			82,748	0.742



## 17982 BRADLEY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-05-400-009	06/30/2021 3	401	120,000	48,413
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	60	71,587	E.C.F.
			93,438	0.766



## 18360 WALNUT

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-33-300-022	06/25/2021 3	401	455,000	39,854
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	84	415,146	E.C.F.
			334,793	1.240



## 19373 SPEARS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-15-100-027	06/18/2021 3	401	350,000	64,670
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	85	285,330	E.C.F.
			243,067	1.174



## 21849 CELESTIAL CIRCLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-25-201-039	06/15/2021 3	401	310,000	24,623
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	95	285,377	E.C.F.
			258,968	1.102



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## Neighborhoods Used: 3 STOCKBRIDGE

14681 M-106

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-28-200-002	06/04/2021 3	401	275,000	64,762
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family RANCH	75	201,506	246,184	0.819
Agricultural Buildings:	ResidualValue	CostByManual		E.C.F.
	8732	10668		0.819



15918 M-36

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-201-020	05/25/2021 3	401	226,500	46,553
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family RANCH	60	179,947	162,453	1.108



20850 KAISER

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-35-400-017	05/24/2021 3	401	283,000	58,145
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family RANCH	60	210,091	181,767	1.156
Agricultural Buildings:	ResidualValue	CostByManual		E.C.F.
	14764	12774		1.156



355 BULLIS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-300-019	05/21/2021 3	401	370,000	44,600
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MULTI-STORY	63	305,685	313,958	0.974
Agricultural Buildings:	ResidualValue	CostByManual		E.C.F.
	19715	20248		0.974



16556 DUTTON

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-17-100-008	05/17/2021 3	401	354,900	48,688
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MODULAR/MOBILE	85	297,360	279,638	1.063
Agricultural Buildings:	ResidualValue	CostByManual		E.C.F.
	8852	8325		1.063



205 M-106

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-401-054	05/14/2021 3	401	155,000	13,504
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MULTI-STORY	60	141,496	111,161	1.273



18938 WILLIAMSVILLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-33-200-012	05/03/2021 3	401	180,000	38,142
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MULTI-STORY	69	136,775	150,385	0.909
Agricultural Buildings:	ResidualValue	CostByManual		E.C.F.
	5083	5589		0.909



1757 STONEHOUSE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-402-012	04/29/2021 3	401	266,520	29,661
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MULTI-STORY	96	236,859	267,711	0.885



## Neighborhoods Used: 3 STOCKBRIDGE

1785 M-36

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-08-200-029	04/26/2021 3	401	165,000	30,840
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	60	127,026	104,007 E.C.F.
Agricultural Buildings:		ResidualValue	CostByManual	E.C.F.
		7134	5841	1.221



1722 STONEHOUSE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-402-001	04/23/2021 3	401	277,200	33,988
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	97	243,212	264,072 E.C.F.



1788 STONEHOUSE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-402-005	04/06/2021 3	401	235,000	29,844
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	97	205,156	268,093 E.C.F.



1802 STONEHOUSE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-402-006	03/23/2021 3	401	260,000	26,358
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	97	233,642	268,355 E.C.F.



209 STOCKBRIDGE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-401-055	03/17/2021 3	401	120,000	13,504
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	60	106,496	100,012 E.C.F.



18320 WALNUT

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-33-300-011	03/12/2021 3	401	355,000	38,750
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	79	316,250	288,818 E.C.F.



115 MAIN

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-301-036	03/11/2021 3	401	289,900	14,073
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	54	275,827	231,470 E.C.F.



115 CHURCH

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-301-016	03/10/2021 3	401	205,000	14,265
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	TWO-STORY	68	190,735	150,792 E.C.F.



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Neighborhoods Used: 3 STOCKBRIDGE

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DB: Unadilla Twp 2023

## 18561 WILLIAMSVILLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-28-301-002	01/11/2021 3	401	119,900	30,826
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	60	89,074	87,158 1.022



## 403 MAIN

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-101-033	01/11/2021 3	401	178,500	58,775
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	MULTI-STORY	66	119,725	128,259 0.933



## 1954 BRIDGETS WAY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-401-012	12/04/2020 3	402	50,000	38,141
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	81	11,859	16,230 0.731



## 491 BULLIS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-22-300-030	12/04/2020 3	401	163,900	33,120
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	MODULAR/MOBILE	66	130,780	137,156 0.954



## 13834 WORDEN

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-32-100-001	11/30/2020 3	401	181,000	47,390
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	60	133,610	114,984 1.162



## 1730 TOWNVIEW

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-402-020	11/13/2020 3	401	260,050	32,223
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	97	227,827	266,952 0.853



## 15800 DUTTON

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-20-100-008	10/23/2020 3	401	182,000	48,025
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	MODULAR/MOBILE	60	128,335	138,059 0.930
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	5640	6067	0.930	



## 15550 GRAVES

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-24-400-008	10/08/2020 3	401	383,000	48,843
Occupancy	%Good	ResidualValue	CostByManual	E.C.F.
Single Family	RANCH	60	327,346	269,494 1.215
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	6811	5607	1.215	



## 19900 WILLIAMSVILLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-400-012	10/01/2020 3	401	295,000	92,045
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MODULAR/MOBILE	68	197,089	216,486	0.910
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	5866	6444	0.910	



## 18950 DOYLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-27-100-006	09/25/2020 3	401	200,000	69,954
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MULTI-STORY	60	122,573	159,300	0.769
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	7473	9712	0.769	



## 1826 STONEHOUSE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-402-007	09/18/2020 3	001	257,615	30,868
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family RANCH	98	226,747	256,241	0.885



## 1826 STONEHOUSE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-402-024	09/18/2020 3	401	257,615	31,468
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family RANCH	97	226,147	273,545	0.827



## 15954 M-36

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-201-044	09/02/2020 3	401	196,000	30,570
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family TWO-STORY	76	165,430	163,333	1.013



## 106 CASS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-401-060	08/31/2020 3	401	175,000	24,835
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MULTI-STORY	60	150,165	131,752	1.140

!!MULTI-PARCEL SALE!!



## 106 CASS

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-401-018	08/31/2020 3	401	175,000	24,835
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MULTI-STORY	60	150,165	131,752	1.140

!!MULTI-PARCEL SALE!!



## 13249 ROCKWELL

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-31-300-021	08/13/2020 3	401	215,500	96,907
Occupancy Style	%Good	ResidualValue	CostByManual	E.C.F.
Single Family MODULAR/MOBILE	83	111,706	142,969	0.781
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	6887	8815	0.781	



Neighborhoods Used: 3 STOCKBRIDGE

## 230 STOCKBRIDGE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-401-003	08/13/2020 3	401	106,275	17,104
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	60	89,171	79,816
				1.117



## 18340 WALNUT

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-33-300-028	08/07/2020 3	401	525,000	61,821
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	81	463,179	476,619
				0.972



## 15980 M-36

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-21-201-023	08/05/2020 3	401	219,000	35,935
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	63	183,065	159,667
				1.147



## 16720 DEEP VALLEY

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-07-400-005	07/30/2020 3	401	185,000	34,528
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	60	140,888	172,537
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	9584	11736	0.817	



## 15636 GRAVES

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-24-400-009	07/30/2020 3	401	400,000	161,665
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MULTI-STORY	70	238,335	242,684
				0.982



## 16512 DUTTON

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-17-100-007	07/10/2020 3	401	322,500	47,120
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	MODULAR/MOBILE	83	265,682	243,781
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	9698	8898	1.090	



## 18993 DOYLE CT

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-27-300-001	05/29/2020 3	401	185,000	46,333
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	60	138,667	140,729
				0.985



## 19901 DOYLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-27-400-003	04/03/2020 3	401	159,900	26,543
Occupancy	Style	%Good	ResidualValue	CostByManual
Single Family	RANCH	60	123,346	100,005
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	10011	8116	1.233	



Neighborhoods Used: 3 STOCKBRIDGE

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## Statistics for this Analysis

&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;

# Valid Sales	# Invalid Sales	Coefficient of Dispersion (%)	Coefficient of Variation (%)	Price Related Differential
56	83	11.15	12.95	1.010
After Application of E.C.F.s		9.29	11.67	1.014

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## Economic Condition Factor Estimates (# of data points)

&gt;&gt;&gt;&gt;&gt;

* Style *	91..100	81..90	71..80	61..70	51..60	0..50
BI-LEVEL	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
CAPE-COD	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
LOG	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
MODULAR/MOBILE	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
MULTI-STORY	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
RANCH	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
TRI-LEVEL	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
TWO-STORY	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)
	0.910( 9)	1.081( 9)	1.044( 4)	1.040(12)	1.088(21)	0.983( 1)

Single Family E.C.F. : 1.030 (56)

Mobile Home E.C.F. : 1.000 (0)

Town Home E.C.F. : 1.000 (0)

Agricultural E.C.F. : 0.997 (17)

Commercial E.C.F. : 1.000 (0)

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## Settings for this Analysis

&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;

Starting Date: 04/01/2020

Ending Date: 03/31/2022

Terms Selected: 1

Analyze by Style:

Analyze by %Good: X

Show Valid Data : X

Show Invalid Data :

Show Costs and Residuals:

Use Infl. Adj. Sale Prices:

Neighborhood(s): 3 - STOCKBRIDGE

Max # of Res. Buildings: 10

Minimum E.C.F. (Residential): 0.60  
Maximum E.C.F. (Residential): 1.30

Max # of Ag. Buildings: 30

Minimum E.C.F. (Agricultural): 0.50  
Maximum E.C.F. (Agricultural): 1.40

Max # of C/I Buildings: 30

Minimum E.C.F. (Commercial): 0.70  
Maximum E.C.F. (Commercial): 1.50

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ECF Analysis for: 4713 - UNADILLA TWP

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DB: Unadilla Twp 2023

11:43 AM  
Neighborhoods Used: 140.UNADILLA

5710 JOSLIN LAKE DR

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-401-040	08/12/2021 140	401	227,000	19,747
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	RANCH	84	207,253	177,215 1.169



20225 WILLIAMSVILLE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-35-301-009	05/18/2021 140	401	110,000	7,680
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MULTI-STORY	60	102,320	104,648 0.978



469 ORLANDO

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-28-301-008	12/11/2020 140	401	191,500	21,615
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	TWO-STORY	60	169,885	139,349 1.219



SAN JUAN

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-401-010	05/06/2020 140	401	380,000	128,114
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MULTI-STORY	69	249,008	225,809 1.103
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	2878	2610	1.103	

!!MULTI-PARCEL SALE!!

No Image  
on File

SAN JUAN

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-401-011	05/06/2020 140	401	380,000	128,114
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MULTI-STORY	69	249,008	225,809 1.103
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	2878	2610	1.103	

!!MULTI-PARCEL SALE!!

No Image  
on File

5849 SAN JUAN

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-34-401-012	05/06/2020 140	401	380,000	128,114
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MULTI-STORY	69	249,008	225,809 1.103
Agricultural Buildings:	ResidualValue	CostByManual	E.C.F.	
	2878	2610	1.103	

!!MULTI-PARCEL SALE!!



Neighborhoods Used: 140.UNADILLA

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## Statistics for this Analysis

&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;

# Valid Sales	# Invalid Sales	Coefficient of Dispersion (%)	Coefficient of Variation (%)	Price Related Differential
6	3	4.46	6.46	1.001
After Application of E.C.F.s		3.44	6.12	1.009

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## Economic Condition Factor Estimates (# of data points) &gt;&gt;&gt;&gt;&gt;

* Style *	91..100	81..90	71..80	61..70	51..60	0..50
BI-LEVEL	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
CAPE-COD	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
LOG	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
MODULAR/MOBILE	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
MULTI-STORY	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
RANCH	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
TRI-LEVEL	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
TWO-STORY	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)
	1.000( 0)	1.169( 1)	1.000( 0)	1.103( 3)	1.116( 2)	1.000( 0)

Single Family E.C.F. : 1.116 (6)

Mobile Home E.C.F. : 1.000 (0)

Town Home E.C.F. : 1.000 (0)

Agricultural E.C.F. : 1.103 (3)

Commercial E.C.F. : 1.000 (0)

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## Settings for this Analysis

&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;

Starting Date: 04/01/2020

Ending Date: 03/31/2022

Terms Selected: 1

Analyze by Style:

Analyze by %Good: X

Show Valid Data : X

Show Invalid Data :

Show Costs and Residuals:

Use Infl. Adj. Sale Prices:

Neighborhood(s): 140 - UNADILLA

Max # of Res. Buildings: 10

Minimum E.C.F. (Residential): 0.60  
Maximum E.C.F. (Residential): 1.30

Max # of Ag. Buildings: 30

Minimum E.C.F. (Agricultural): 0.50  
Maximum E.C.F. (Agricultural): 1.40

Max # of C/I Buildings: 30

Minimum E.C.F. (Commercial): 0.70  
Maximum E.C.F. (Commercial): 1.50

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ECF Analysis for: 4713 - UNADILLA TWP

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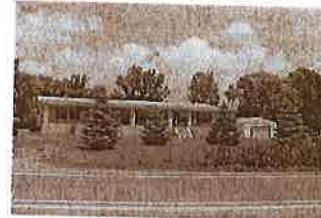
11:44 AM

DB: Unadilla Twp 2023

Neighborhoods Used: 120.UNADILLA MOBILE HOME ESTATES

20978 M-36

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-23-201-028	11/29/2021 120	401	125,000	23,365
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Mobile Home	MODULAR/MOBILE	58	101,635	84,459 1.203



15201 LIVERMORE

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-23-401-074	04/19/2021 120	401	65,000	12,269
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Mobile Home	MODULAR/MOBILE	41	52,731	43,108 1.223



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11:44 AM

ECF Analysis for: 4713 - UNADILLA TWP

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DB: Unadilla Twp 2023

Neighborhoods Used: 120.UNADILLA MOBILE HOME ESTATES

<<<<<<<<<

Statistics for this Analysis

>>>>>>>>>

# Valid Sales	# Invalid Sales	Coefficient of Dispersion (%)	Coefficient of Variation (%)	Price Related Differential
2	11	0.62	0.88	0.998
After Application of E.C.F.s		0.66	0.94	0.998

<<<<<

Economic Condition Factor Estimates (# of data points)

>>>>>

* Style *	91..100	81..90	71..80	61..70	51..60	0..50
BI-LEVEL	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
CAPE-COD	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
LOG	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
MODULAR/MOBILE	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
MULTI-STORY	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
RANCH	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
TRI-LEVEL	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
TWO-STORY	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)
	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)	1.000( 0)

Single Family E.C.F. : 1.000 (0)

Mobile Home E.C.F. : 1.210 (2)

Town Home E.C.F. : 1.000 (0)

Agricultural E.C.F. : 1.000 (0)

Commercial E.C.F. : 1.000 (0)

<<<<<<<<

Settings for this Analysis

>>>>>>>>>

Starting Date: 04/01/2020

Ending Date: 03/31/2022

Terms Selected: 1

Analyze by Style:

Analyze by %Good: X

Show Valid Data : X

Show Invalid Data :

Show Costs and Residuals:

Use Infl. Adj. Sale Prices:

Neighborhood(s): 120 - UNADILLA MOBILE HOME ESTATES

Max # of Res. Buildings: 10

Minimum E.C.F. (Residential): 0.60  
Maximum E.C.F. (Residential): 1.30

Max # of Ag. Buildings: 30

Minimum E.C.F. (Agricultural): 0.50  
Maximum E.C.F. (Agricultural): 1.40

Max # of C/I Buildings: 30

Minimum E.C.F. (Commercial): 0.70  
Maximum E.C.F. (Commercial): 1.50

02/02/2023

11:43 AM

Neighborhoods Used: 190.LAKES

ECF Analysis for: 4713 - UNADILLA TWP

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DB: Unadilla Twp 2023

1020 TAMARA

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-36-203-032	10/07/2021 190	401	338,000	177,953
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	MULTI-STORY	60	160,047	157,813 1.014



524 PARK

Parcel Number	** Valid Sale	** Class	AdjSalePrice	LandValue
4713-36-202-019	04/22/2021 190	401	190,000	18,426
Occupancy	Style	%Good	ResidualValue	CostByManual E.C.F.
Single Family	RANCH	70	171,574	138,373 1.240



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## Statistics for this Analysis

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# Valid Sales	# Invalid Sales	Coefficient of Dispersion (%)	Coefficient of Variation (%)	Price Related Differential
2	20	8.46	13.07	0.975
After Application of E.C.F.s		0.00	0.00	1.000

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## Economic Condition Factor Estimates (# of data points)

&gt;&gt;&gt;&gt;&gt;

* Style *	91..100	81..90	71..80	61..70	51..60	0..50
BI-LEVEL	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
CAPE-COD	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
LOG	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
MODULAR/MOBILE	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
MULTI-STORY	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
RANCH	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
TRI-LEVEL	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
TWO-STORY	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)
	1.000( 0)	1.000( 0)	1.000( 0)	1.240( 1)	1.014( 1)	1.000( 0)

Single Family E.C.F. : 1.120 {2}

Mobile Home E.C.F. : 1.000 {0}

Town Home E.C.F. : 1.000 {0}

Agricultural E.C.F. : 1.000 {0}

Commercial E.C.F. : 1.000 {0}

*use 1.16 ecf*

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## Settings for this Analysis

&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;

Starting Date: 04/01/2020

Ending Date: 03/31/2022

Terms Selected: 1

Analyze by Style:

Analyze by %Good: X

Show Valid Data : X

Show Invalid Data :

Show Costs and Residuals:

Use Infl. Adj. Sale Prices:

Neighborhood(s): 190 - LAKES

Max # of Res. Buildings: 10

Minimum E.C.F. (Residential): 0.75  
Maximum E.C.F. (Residential): 1.30

Max # of Ag. Buildings: 30

Minimum E.C.F. (Agricultural): 0.50  
Maximum E.C.F. (Agricultural): 1.40

Max # of C/I Buildings: 30

Minimum E.C.F. (Commercial): 0.70  
Maximum E.C.F. (Commercial): 1.50