POLYSYS has been modified to simulate regional markets for bioenergy feedstock production.

The user can determine up to 10 unique regions (the number of regions could be expanded if ever needed). In each region, a yearly ethanol demand can be stipulated and the model will determine feedstock price needed to incentivize farmers to produce enough feedstocks to fill the regional demand.

Up to 10 regions will run simultaneously. Simultaneity is necessary because land use pressures in one region will, in the next year, put commodity price pressures on all regions. For example a large demand for biofuels in the upper Midwest that displaces corn and soybean lands will increase national corn and soybean prices. The higher corn and soybean prices will impact land use decisions in all regions, such as the southeast, and will impact the price and amount of feedstocks to meet southeastern ethanol demand.

To run the model, in the SIM.INS, make sure index(119) is set to 1;

1<- 0 IF NO REGIONAL DEMANDS; 1 IF SETTING REGIONAL DEMAND LEVELS IN WHATIF AND WHATIFCTY [119]

Then, create two whatifs; one stipulating the regional demand (whatif.XXXYYY). Here, the 'K' column must identify the # region.(for national runs this is always zero). Make sure the region numbers start with region #1.

YEAR M	TX J	K	M VAI	LUE					
000-0									
2018	BP	2	1	V	0.01				
2019	BP	2	11	V	0.04				
2020	BP	2	1	V	0.06				
2021	BP	2	1	V	0.08				
2022	BP	2	1	٧	0.09				
2023	BP	2	1	V	0.12				
2024	BP	2	1	V	0.12				
2025	BP	2	1	V	0.12				
2026	BP	2	11/	V	0.12				
2027	BP	2	1	V	0.12				
2028	BP	2	11	V	0.12				
2029	BP	2	11	V	0.12				
2030	BP	2	1	V	0.12				
2018	BP	2	2	V	0.008				
2019	BP	2	2	V	0.02				
2020	BP	2	2	V	0.04				
2021	BP	2	\2	V	0.06				
2022	BP	2	2	٧	0.08				
2023	BP	2]2]	٧	0.1				
2024	DD	2	\odot	W	a 12				

Next, the user must recreate a whatif statement stimpulating the counties that comprise each demand region (whatifcty.XXXYYY). Here, list the demand region, and then the county numbers (1 thru 3109) that comprise the demand region.

:	******************
	POLYSYS - COUNTY VARIABLES
:	*********************
->	THIS IS A LIST OF COUNTIES AND THE 'DEMAND REGION NUMBER' FOR BIOMASS
->	
->	
->	
BI	REG CTY
1	874
1	884
1	886
1	887
1	890
1	896
1	901
1	909
1	922
1	923
1	927
1	928
1	931
1	936
1	937
1	944
1	952

Then run the model. The output will list results by region:

Item					2020	2021	2022	2023	2024	2025	2026	20
		2017				2021						
Price												
Biomass (\$/dt)	0.00	0.00	40.00	40.00	41.00	43.00	44.00	47.00	48.00	48.00	48.00	48.0
Ethanol												
Demand(bil gal)	0.00	0.00	0.01	0.04	0.06	0.08	0.09	0.12	0.12	0.12	0.12	0.
Supply(bil gal) EEEDSTOCKS	0.00	0.00	0.01	0.04	0.06	0.08	0.09	0.12	0.12			
Corn Stover(mil.dt)	0.0	0.0	0.1	0.5	0.8	1.0	1.0	1.2	1.2	1.2	1.2	1
Wheat Straw(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.3	0.3	3 6
Switchgrass(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Miscanthus(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Poplars(mil.dt) Willows(mil.dt)	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0			
SweetSorgh(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Cane(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
CRP Harvest(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
EXTRA												
EEDSTOCKS												
Corn Stover(mil.dt) Wheat Straw(mil.dt)	0.0	0.0	0.6	0.2	0.0	0.0	0.1	0.0	0.1			
wneat Straw(mil.dt) Switchgrass(mil.dt)	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0			
Miscanthus(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Poplars(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
villows(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0) (
SweetSorgh(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0) (
Cane(mil.dt)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0) (
OT DTOMACC/:1 4+)			0.7	0.7	0.8	1.0	1.2	1.5	1.6	1.7	1.7	, 1
	0.0	0.0										
BIOPRODUCTS SUMMARY RE	:G 2				, 2010	5-2027						
BIOPRODUCTS SUMMARY RE	G 2	2017	2018	2019	, 2010 2020	5-2027	2022	2023	2024	2025	2026	2027
BIOPRODUCTS SUMMARY RE Item	2016	2017	2018	2019	, 2010 2020	5-2027 2021	2022	2023	2024	2025	2026	2027
ItemPriceBiomass (\$/dt)	2016	2017	2018	2019	, 2010 2020	5-2027 2021	2022	2023	2024	2025	2026	2027
ItemPriceBiomass (\$/dt)	2016	2017	2018	2019	, 2010 2020	5-2027 2021	2022	2023	2024	2025	2026	2027
BIOPRODUCTS SUMMARY RE Item PriceBiomass (\$/dt)Ethanol	2016	2017	2018	2019	, 2010 2020	5-2027 2021	2022	2023	2024	2025	2026	2027
Item Item Biomass (\$/dt) Demand(bil gal) Supply(bil gal)	2016 0.00	2017	2018	2019	, 2010 2020 45.00	2021 47.00	2022	2023	2024	2025	2026	63.00
Item Item PriceBiomass (\$/dt) Characteristics (\$/dt) Characteristics (\$/dt) Characteristics (\$/dt) Characteristics (\$/dt)	2016 0.00	2017	2018	2019	, 2010 2020 45.00	2021 47.00	2022	2023	2024	2025	2026	2027 63.00
Item Item Item Biomass (\$/dt) Commond(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt)	2016 0.00 0.00 0.00 0.00	2017 0.00 0.00 0.00 0.00	2018 40.00 0.01 0.01 0.1 0.0	2019 42.00 0.02 0.02 0.2	, 2010 2020 45.00 0.04 0.04	5-2027 2021 47.00 0.06 0.06 0.7 0.0	2022 52.00 0.08 0.08 0.9 0.1	2023 61.00 0.10 0.10	2024 63.00 0.12 0.12	2025 63.00 0.14 0.14	2026 63.00 0.15 0.15	63.00 0.19 0.19
Item Item Item Biomass (\$/dt) Ethanol Demand(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Switchgrass(mil.dt)	2016 0.00 0.00 0.00 0.00 0.0	2017 0.00 0.00 0.00 0.00 0.0	2018 40.00 0.01 0.01 0.1 0.0 0.0	2019 42.00 0.02 0.02 0.02	, 2010 2020 45.00 0.04 0.04 0.5 0.0	5-2027 2021 47.00 0.06 0.06 0.7 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0	2023 61.00 0.10 0.10 1.1 0.1	2024 63.00 0.12 0.12 1.2 0.1	2025 63.00 0.14 0.14 1.1 0.1 0.3	2026 63.00 0.15 0.15 0.8 0.1	202: 63.00
Item Item Item Price Biomass (\$/dt) Ethanol Demand(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Whiscanthus(mil.dt)	2016 0.00 0.00 0.00 0.00 0.0	2017 0.00 0.00 0.00 0.00 0.0 0.0	2018 40.00 0.01 0.01 0.1 0.0 0.0	2019 42.00 0.02 0.02 0.2 0.0 0.0	, 2010 2020 45.00 0.04 0.04 0.5 0.0 0.0	2027 2021 47.00 0.06 0.06 0.7 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0	2023 61.00 0.10 0.10 1.1 0.1 0.0	2024 63.00 0.12 0.12 1.2 0.1 0.2 0.0	2025 63.00 0.14 0.14 1.1 0.1 0.3 0.0	2026 63.00 0.15 0.15 0.8 0.1 0.3 0.0	0.1: 0.1: 0.6: 0.6:
Item Item Item Price Biomass (\$/dt) Ethanol Demand(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Switchgrass(mil.dt) Miscanthus(mil.dt) Poplars(mil.dt)	2016 0.00 0.00 0.00 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.1 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.2 0.0 0.0 0.0	, 2010 2020 45.00 0.04 0.5 0.0 0.0	2021 2021 47.00 0.06 0.06 0.7 0.0 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0	2023 	2024 63.00 0.12 0.12 1.2 0.1 0.2 0.0 0.0	2025 63.00 0.14 0.14 1.1 0.3 0.0	2026 63.00 0.15 0.15 0.8 0.1 0.3 0.0 0.0	0.1: 0.1: 0.6: 0.6:
Item Item	2016 0.00 0.00 0.00 0.00 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0	, 201(2020 45.00 0.04 0.04 0.5 0.0 0.0 0.0	5-2027 2021 47.00 0.06 0.06 0.7 0.0 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.1 0.0 0.0 0.0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.0	2026 63.00 0.15 0.15 0.8 0.1 0.3 0.0 0.0	2022 63.00 0.11 0.11
Item Item Item Item Item Item Item Item	2016 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0	, 2010 2020 45.00 0.04 0.04 0.0 0.0 0.0 0.0	5-2027 2021 47.00 0.06 0.06 0.0 0.0 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.0 0.0 0.0 0.0	2024 63.00 0.12 0.12 1.2 0.1 0.2 0.0 0.0 0.0	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.0 0.2 0.0	2026 63.00 0.15 0.15 0.8 0.1 0.3 0.0 0.0 0.7 0.0	2022 63.00 0.11 0.12 0.0
Item Item	2016 0.00 0.00 0.00 0.00 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0	, 201(2020 45.00 0.04 0.04 0.5 0.0 0.0 0.0	5-2027 2021 47.00 0.06 0.06 0.7 0.0 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.1 0.0 0.0 0.0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.0	2026 63.00 0.15 0.15 0.8 0.1 0.3 0.0 0.0	2027 63.00 0.11 0.10 0.0 0.0 0.0 0.0 0.0
Item Item Item Item Price Biomass (\$/dt) Ethanol Demand(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Switchgrass(mil.dt) Miscanthus(mil.dt) Poplars(mil.dt)	0.00 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0	, 2010 2020 45.00 0.04 0.04 0.5 0.0 0.0 0.0 0.0	5-2027 2021 47.00 0.06 0.06 0.7 0.0 0.0 0.0 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.1 0.0 0.0 0.0 0.0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.0 0.2 0.0	2026 	2027 63.00 0.15 0.6 0.6 0.6 0.6 0.6 0.6
Item Item	0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0 0.0	, 2010 2020 45.00 0.04 0.04 0.5 0.0 0.0 0.0 0.0 0.0	5-2027 	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.0 0.0 0.0 0.0 0.0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.0 0.2 0.0 0.0	2026 	2027 63.06 0.15 0.6 0.6 0.6 0.6 0.6
Item Item	0.00 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0 0.	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0	, 201(2020 45.00 0.04 0.04 0.0 0.0 0.0 0.0 0.0	5-2027 	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.1 0.0 0.0 0.0 0.0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.2 0.0 0.0	2026 63.00 0.15 0.15 0.8 0.1 0.0 0.7 0.0 0.0	0.19 0.19 0.6 0.6 0.6 0.6
Item Item Item Item Price Biomass (\$/dt) Ethanol Demand(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Miscanthus(mil.dt) Miscanthus(mil.dt) Miscanthus(mil.dt) Willows(mil.dt) SweetSorgh(mil.dt) SweetSorgh(mil.dt) E.Cane(mil.dt) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt)	0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0 0.0 0	, 2010 2020 45.00 0.04 0.04 0.5 0.0 0.0 0.0 0.0 0.0	5-2027 	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.0 0.0 0.0 0.0 0.0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.0 0.0 0.0	2026 63.00 0.15 0.15 0.8 0.1 0.0 0.0 0.0 0.0	2027 63.00 0.19 0.6.0 0.6.0 0.6.0 0.6.0
BIOPRODUCTS SUMMARY RE Item Price Biomass (\$/dt) Ethanol Demand(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Switchgrass(mil.dt) Poplars(mil.dt) Willows(mil.dt) E.Cane(mil.dt) CRP Harvest(mil.dt)EXTRA FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Switchgrass(mil.dt) Switchgrass(mil.dt)	0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.1 0.0 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0 0.0	, 2010 2020 45.00 0.04 0.04 0.0 0.0 0.0 0.0 0.0 0.0	5-2027 2021 47.00 0.06 0.7 0.0 0.0 0.0 0.0 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0	2023 	2024 	2025 	2026 	2027 63.00 0.11 0.10 0.10 0.10 0.10 0.10 0.10
Item Item Item Price Biomass (\$/dt) Pemand(bil gal) Supply(bil gal) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Switchgrass(mil.dt) Foplars(mil.dt) Switchgrass(mil.dt) SweetSorgh(mil.dt) CRP Harvest(mil.dt) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) SweetSorgh(mil.dt) FEEDSTOCKS Corn Stover(mil.dt) Wheat Straw(mil.dt) Switchgrass(mil.dt)	0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.1 0.0 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0 0.0 0	, 2010 2020 45.00 0.04 0.04 0.0 0.0 0.0 0.0 0.0 0.0 0.	5-2027 	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.0 0.0 0.0 0.0 0.0 0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.2 0.0 0.0	2026 	2022 63.06 0.15 0.2 0.6 0.6 0.6 0.6 0.6
Item Item	0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.1 0.0 0.0 0.0 0.0 0.0	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0 0.0	, 2010 2020 45.00 0.04 0.04 0.0 0.0 0.0 0.0 0.0 0.0	5-2027 2021 47.00 0.06 0.7 0.0 0.0 0.0 0.0 0.0 0.0	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0	2023 	2024 	2025 	2026 	2027 63.00 0.11 0.10 0.10 0.10 0.10 0.10 0.10
Item Item	0.00 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0 0.	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0 0.0 0	, 201(2020 45.00 0.04 0.04 0.0 0.0 0.0 0.0 0.0 0.0 0.	5-2027 	2022 52.00 0.08 0.08 0.1 0.0 0.0 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.0 0.0 0.0 0.0 0.0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.2 0.0 0.0 0.0	2026 	0.11 0.12 0.6 0.6 0.6 0.6 0.6
Item Item	0.00 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.0	2017 0.00 0.00 0.00 0.0 0.0 0.0 0.0	2018 40.00 0.01 0.01 0.0 0.0 0.0 0.0 0.	2019 42.00 0.02 0.02 0.0 0.0 0.0 0.0 0.0 0.0 0	, 2010 2020 45.00 45.00 0.04 0.04 0.0 0.0 0.0 0.0 0.0 0.0 0.	5-2027 	2022 52.00 0.08 0.08 0.9 0.1 0.0 0.0 0.0 0.0 0.0 0.0	2023 61.00 0.10 0.10 1.1 0.0 0.0 0.0 0.0 0.0 0	2024 	2025 63.00 0.14 0.14 1.1 0.3 0.0 0.0 0.0 0.0 0.0	2026 	2022 63.00 0.1! 0.1: 0.6 0.6 0.6 0.6 0.6

In the regional output files, xxxyyyCTYOUTa[year].txt, the demand region number of each county is listed;

YEAR; SIM#; COUNTY DEMAND_REGION FIPS; POLY; CROP; TILLAGE; YIELD; PLANT; HARVEST; PRODUCTION

		\sim				
2017;	aaa555; 960;	3 21001.; 58.; 18;	1;	0.0000;	0.0000;	0.000
2017;	aaa555; 960;	3;21001.; 58.; 18;	2;	0.0000;	0.0000;	0.000
2017;	aaa555; 960;	3,21001.; 58.; 18;	3;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3;21003.; 58.; 1;	1;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3 21003.; 58.; 1;	2;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3 21003.; 58.; 1;	3;	137.6100;	5378.3052;	4918.160
2017;	aaa555; 961;	3 21003.; 58.; 2;	1;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3;21003.; 58.; 2;	2;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3;21003.; 58.; 2;	3;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3;21003.; 58.; 3;	1;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3 21003.; 58.; 3;	2;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3 21003.; 58.; 3;	3;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3;21003.; 58.; 4;	1;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3 21003.; 58.; 4;	2;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3;21003.; 58.; 4;	3;	0.0000;	0.0000;	0.000
2017;	aaa555; 961;	3;21003.; 58.; 5;	1;	0.0000;	0.0000;	0.000
2017:	aaa555: 961:	3;21003.: 58.: 5:	2:	0.0000:	0.0000:	0.000