





















































myOLAP					
le Option					Formulation
view multid	mensional schema				mddDX Visual
					ingenity   vision
24	2				select NON EMPTY ([Measures] (#VOINCTOT],
					NON EMPTY Crossion([SEQ.[SEX] Members,
	-		Measures	- CHENTER CHANT	Crossjoin(CITY).(CITY).Members,
Eemale	Alten	White	AVGINCIOT	EVENICOUNT	from [ipums]
remale	Alton	White	110.507,70	-	where (IYEAR) [AU], [2005],
	Marora	White and AIAN	247.115,8	2	LAUB DELATER OCCUPATION PROFESSIONAL
	Rollovillo	Black /Negro	122 245 14	1	Γ.
	Denevine	White and AIAN	17,725	1	
	Bloomington 1	Vietnamese		1	
		White	111.964.94	1	
	Blue Island	White	58.879	1	2 6 6 C C C C C C C C C C C C C C C C C
	Cairo	Other race, n.e.c.	129.455,38	1	Clear Pun 🌩
	Calumet City	White	10.900	1	Research Res
	Chicago	Other Amer. Indian tri	141.533,69	1	Profesence
		Puget Sound Salish	40.747	1	Minuted MINY
		Black/Negro	400.554,3	3	
		Chinese	88.700,17	3	
		Japanese	9.097	1	
		Asian Indian (Hindu 19	265.198,42	5	
		Asian or Pacific Island	116.006,78	1	
		Filipino	29.748,42	1	
		Korean	208.431,67	2	
		Vietnamese	528.522	1	
		Other race, n.e.c.	479.406,14	2	
		White	204.529,13	1	
		Filipino and other race	70.016,33	1	
		White and AIAN	55.314	1	The second

myOLAP	, UL		au	lion	l			
e Option					Formulation			
iew maltid	imensional schema			9	(methox Menual			
					Select NON EMPTY (Measures) (AVGINCTOT), Measures) (EVENTCOUNT) ON COLUMNS,			
			Measures		Crossion([CITY].(CITY].Members,			
SEX	CITY	RACE	· AVGINCTOT	EVENTCOUNT	[RACE] [RACE] Members]) ON ROWS			
Female	Alton	White	118.587,76	1	where (fYEARLAUL/2005)			
	Aurora	White	247.115,8	2	IOCCUPATION JAIL MANAGEMENT, PROFESSIONAL			
		White and AIAN		1	LAND DELATED OCCURATIONICLEBRAGANIANAL AND			
	Belleville	Black/Negro	133.245,14	1	PREFERRING OCCUPATION = Computer Scientists #			
		White and AIAN	17.725	1	Systems Analysts'AND CITY = Boston'			
	Bloomington1	Vietnamese		1				
		White	111.964,94	1				
	Blue Island	White	58.879	1				
	Cairo	Other race, n.e.c.	129.455,38	1	Clear Run 🗇			
	Calumet City	White	10.900	1				
	Chicago	Other Amer. Indian tri	141.533,69	1	Preference			
		Puget Sound Salish	40.747	1	Visual MOX			
		Black/Negro	400.554,3	3				
		Chinese	88.700,17	3				
		Japanese	9.097	1				
		Asian Indian (Hindu 19	265.198,42	5				
		Asian or Pacific Island-	116.006,78	1				
		Filipino	29.748,42	1				
		Korean	208.431,67	2				
		Vietnamese	528.522	1				
		Other race, n.e.c.	479.406,14	2				
		White	204.529,13	1				
		Filipino and other race	70.016,33	1				
		White and AIAN	55.314	1 🗸	2 Manuf rank			
					PICAL LINE.			

myOLAP						
le Option						
				0	Formulation	
view maltch	mensional schema				myMOX Visual	
	100					
					occi	IPATION
			Measures			Pareto
SEX	CITY	RACE	AVGINCTOT	EVENTCOUNT		CITY
Female	Alton	White	118.587,76	1		
	Aurora	White	247.115,8	2		
		White and AIAN		1		
	Belleville	Black/Negro	133.245,14	1		
		White and AIAN	17.725	1		
	Bloomington1	Vietnamese		1		
		White	111.964,94	1		
	Blue Island	White	58.879	1	( Providence )	
	Cairo	Other race, n.e.c.	129.455,38	1	Clear Ru	New base preferen
	Calumet City	White	10.900	1		
	Chicago	Other Amer. Indian tri	141.533,69	1	Preference	
		Puget Sound Salish	40.747	1	Visual MDX	
		Black/Negro	400.554,3	3		
		Chinese	88.700,17	3		
		Japanese	9.097	1		
		Asian Indian (Hindu 19	265.198,42	5		
		Asian or Pacific Island	116.006,78	1		
		Filipíno	29.748,42	1		
		Korean	208.431,67	2		
		Vietnamese	528.522	1		
		Other race, n.e.c.	479.406,14	2		
		White	204.529,13	1		
		Filipino and other race	70.016,33	1		
		White and AIAN	55.314	1 00		A CONTRACTOR AND AND A CONTRACTOR

myular				
e Option				Exemplation
iew multidimensional schema			100	mMDX Visual
entrent ETT and				
				OCCUPATION
Ingenoved that a court			-	Pareto T
reference wizard				P di ete
Moasures				CITY
Attributes				
(Encountries				
riter or crites				
Cancel	A THE LEASE			
Cancel	Other race, n.e.c.	129.455,38	1	Clear Run New base preferen
Cancel Cairo Calumet City	Other race, n.e.c. White	129,455,38 10.900	1	Clear Run New base preferen
Cancel Cairo Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri	129.455,38 10.900 141.533,69	1 1 1 1	Clear Plan New bass preferen
Cancel Cairo Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish	129.455,38 10.900 141.533,69 40.747	1 1 1 1	Clear Run Now base preferen
Cancel Cairo Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro	129.455,38 10.900 141.533,69 40.747 400.554,3	1 1 1 1 3	Clear Run New base preferen
Cancel Cairo Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese	129.455,38 10.900 141.533,69 40.747 400.554,3 88.700,17	1 1 1 3 3	Clear Run New base preferen Preference Visual MDX
Cancel Caliro Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese Japanese	129.455,38 10.900 141.533,69 40.747 400.554,3 88.700,17 9.097	1 1 1 3 3	Clear Run Now base preferen Preference Visual MDX
Cance Cairo Columet City Chicogo	Other race, n.e.c. White Other Amer. Indian tril Puget Sound Salish Black/Negro Chinese Japanese Asian Indian (Hindu 15	129.455,38 10.900 141.533,69 40.747 400.554,3 88.700,17 9.097 265.188.42	1 1 1 3 3 1 5	Clear Run New base preferen Preference Visual MDX
Cancel Caliro Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese Asian Indian (Hindu 15 Asian or Pacific Island Asian or Pacific Island	129.455,38 10.900 141.533,69 40.747 400.554,3 88.700,17 9.097 265.198,42 116.006,78	1 1 1 3 1 5 1	Clear Plan New base preferen
Cancet Coiro Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese Japanese Asian Indian (Hindu 15 Asian or Pacific Island Filipino	129.455,38 10.900 141.533,69 40.747 400.554,3 88.700,17 9.097 265.198,42 116.006,78 29.748,42	1 1 3 3 1 5 1	Cear Run Now base preferen Preference Visual MOX
Cancel Cairo Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese Japanese Asian Indian (Hindu 14 Asian or Pacific Island- Filipino Korean	129.455,38 10.900 141.533,69 40.747 400.554,3 88.700,17 9.097 255.198,42 116.006,78 29.748,42 208.431,67	1 1 1 3 3 1 5 1 5	Clear Run New base preferen
Cancel Calro Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese Japanese Asian or Pacific Island Filipino Korean Vietnamese	129.455,38 10.000 141.533,69 40,747 400.554,3 88.700,17 9.097 265.198,42 115.006,78 29.748,42 208.431,67 528.522	1 1 1 1 5 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Clear Pan New bass preferen
Cancet Calore Calornet City Chicago	Other race, n.e.c. White Other Amer. Indian tril Puget Sound Salish Black/Negro Chinese Japanese Asian Indian (Hindu 1s Asian or Pacific Island Filipino Korean Vietnamese Other race, n.e.c.	129,455,38 10,900 141,533,69 400,554,3 88,700,17 9,097 265,188,42 115,006,78 29,748,42 208,431,67 528,522 479,406,14	1 1 1 3 3 3 1 1 5 5 1 1 2 2	Clear Pan New base preferen
Cancel Cairo Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese Asian Indian (Hindu 16 Asian or Pacific Island- Filipino Korcan Vietnamese Other race, n.e.c.	129.455,38 10.900 141.533,69 40,747 400.54,3 88.700,17 56.198,42 116.006,78 20.748,42 208.431,67 528.522 479.406,14 204.539,13	1 1 1 3 3 1 5 1 1 1 2 2 1	Clear Run New base preferen
Cancet Caliro Calumet City Chicago	Other race, n.e.c. White Other Amer. Indian tri Puget Sound Salish Black/Negro Chinese Japanese Asian Indian (Hindu 15 Asian or Pacific Island Filipino Korcan Vietnamese Other race, n.e.c. White Filipino and other race	120.455,38 10.900 141.533,69 400.54,3 88.700,17 9.097 265.188,42 116.006,78 207.84,42 208.431,67 528.52 479.406,14 204.529,13 70.016,32	1 1 3 3 1 1 5 5 1 1 1 2 2 1 2 1 1	Clear Run New base preferen









	<b>)</b>		u						
myOLAP									
of the set					Formulation				
iew maltid	mensional schema			-	mMOX	Visual			
and and D						100000000			
24						occu	PATION		
						-	Pareto	-	
CEY	CITY	PACE	AVCINCION	EVENTCOUNT		-		1	
Female	Alton	white	118 587 76	- Evenicouli		a	IY		
i cinare	Aurora	white	247 115 8	2			Pareto		
		White and AIAN	2-17.1115,0	1		AVG	ICTOT		
	Belleville	Black/Negro	133,245,14	1					
		White and AIAN	17.725	1	8				
	Bloomington1	Vietnamese		1					
		White	111.964,94	1					
	Blue Island	White	58.879	1					
	Cairo	Other race, n.e.c.	129.455,38	1	Clear	Run		New base pre	lerent
	Calumet City	White	10.900	1	-	- Francisco			Torun and
	Chicago	Other Amer. Indian tri	141.533,69	1	Preference				
		Puget Sound Salish	40.747	1	Visual M	IDX			
		Black/Negro	400.554,3	3	Transit -				_
		Chinese	88.700,17	3					
		Japanese	9.097	1					
		Asian Indian (Hindu 19	265.198,42	5					
		Asian or Pacific Island-	116.006,78	1					
		Filipino	29.748,42	1					
		Korean	208.431,67	2					
		Vietnamese	528.522	1					
		Other race, n.e.c.	479.406,14	2					
		White	204.529,13	1					
		Filipino and other race	70.016,33	1	L			_	
		White and AIAN	55.314	1 00					



















