

A.I. duPont High School

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	8		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	10		
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	1		
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	1		
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard	1		
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard	10		
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard	10		
40A breaker for panelboard (loose)	Square D		10		
Total					

A.I. duPont Middle School

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	6		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	1		
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard	5		
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard	5		
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard	5		
Total					

Baltz Elementary

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	6		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard	5		
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard	5		
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard	5		
Total					

Brandywine Springs Elementary

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			

Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard		5	
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard		5	
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard		5	
Total					

Conrad Schools of Science

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard		5	
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard		5	
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard		5	
75 kVA secondary transformer	Square D	Dry-type, copper coil, DOE 2016 compliant, 480 - 208Y/120 75 kVA secondary transformer			
Total					

Dickinson High School

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	18		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	3		
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	11		
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	15		
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard		3	
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard		25	
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard		25	
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard		15	
Main Distribution Panel w/Switch	Square D	QED-2 Main Distribution Panel (3) section (main circuit breaker, distribution, and pull sections), 3000A, 3000A LSIG MCB, 480Y/277V, NEMA-3R enclosure. Include (2) 600A/3P and (4) 225A/3P spaces, PM8000 Meter, (3) 600A LSI Micrologic Breakers, (1) 600A backfeed breaker for PV, (4) 225A breaker, (1) 100A breaker, (1) 60A/3P Breaker for TVSS installation, bus mounted TVSS	1		
Total					

Forest Oak Elementary

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	5		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	0		
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	0		
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	0		
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			

Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard		5	
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard		5	
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard		5	
Total					

Linden Hill Elementary School

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard		5	
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard		5	
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard		5	
Main Distribution Panel w/Switch	Square D	QED-2 Main Distribution Panel (2) sections (main circuit breaker and distribution sections), 1600A, 480Y/277V. Include (2) 600A/3P and (4) 225A/3P spaces, PM8000 Meter, (1) Micrologic 600A Breaker, (1) 250A breaker, (3) 225A breakers, (3) 200A breakers, (1) 175A breaker, (3) 150A breakers, (3) 100A breakers, (1) 100A/2P breaker, (2) 30A breakers, (1) 60A/3P Breaker for TVSS installation. All breakers shall be 3P unless noted otherwise.	1		
Total					

Marbrook Elementary School

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard		5	
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard		5	
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard		5	
Total					

McKean High School

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			

Warner Elementary

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	2		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	3		
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	0		
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	0		
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	1		
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	1		
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers	1		
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard			
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard	10		
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard	10		
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard	2		
Total					

Wilmington Campus / Cab Calloway School of the Arts

Fixture Type	Manufacturer	Model Number / Description	Quantity	Unit Price	Extended
Surface mounted 42 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	10		
Recessed 42 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers	40		
Surface mounted 30 circuit panelboard, MLO	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, MLO	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Surface mounted 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V 225A Main Breaker, 42 circuit with Qty (30) 20A breakers			
Recessed 42 circuit panelboard, 225A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 42 circuit with Qty (30) 20A breakers			
Surface mounted 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, surface mount, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
Recessed 30 circuit panelboard, 100A Main	Square D	NQ Series panelboard, recessed, 208Y/120V MLO, 30 circuit with Qty (20) 20A breakers			
400 A Main breaker for panelboard (loose)	Square D	400A main breaker for NQ series panelboard	1		
20A breaker for panelboard (loose)	Square D	20A breaker for NQ series panelboard	30		
15A breaker for panelboard (loose)	Square D	15A breaker for NQ series panelboard	30		
40A breaker for panelboard (loose)	Square D	40A breaker for NQ series panelboard	10		
75 kVA secondary transformer	Square D	Dry-type, copper coil, DOE 2016 compliant, 480 - 208Y/120 75 kVA secondary transformer	1		
Total					