2022-032 EX A

Category	Division	Group1	Item	Year 2022	Sources	Leg	FOA
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Brandywine Rd Bridge (NOR-040-0157)	1,000,000	MVGT	Y	20502-4121-78501
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Brecksville Rd Bridge (RFV-017-2461)	60,000	Other Local	-	
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Brecksville Rd Bridge (RFV-017-2461)	200,000	MVGT		
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Bridge Repair/Rehabilitation	300,000	MVGT	v	20502-4121-78501
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	CVNP Pedestrian Bridge	450,000	Other Fed		20302-4121-70301
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	CVNP Pedestrian Bridge	805,000	AMATS		
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Granger Rd Bridge (BAT-079-0221)	225,000	MVGT		
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	High Level Bridge (AKR-008-0909)	400,000	MVGT		
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Pressler Rd Bridge (SPR-137-0002)	25,000	MVGT		
Bridge Improvements	-	Bridge Engineering and Construction Projects	Pressler Rd Bridge (SPR-137-0002)	1,000,000	Other Fed		
• •	Engineer	Bridge Engineering and Construction Projects		530,000	MVGT		
Bridge Improvements	Engineer		Revere Rd Bridge (BAT-114-0320)	,	-		
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Riverview Rd Bridge (AKR-009-0583)	50,000	MVGT		
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Riverview Rd Bridge (AKR-009-0583)	50,000	Other Fed		
Bridge Improvements	Engineer	Bridge Engineering and Construction Projects	Steels Corners Bridge (STW-100-0490)	1,000,000	MVGT	Ŷ	20502-4121-78501
Computer Systems & Equipment	DSSS	Operations and Maintenance	Portable By-Pass Pump - Equipment	125,000	Sewer Funds	Y	50001-8510-78501
Computer Systems & Equipment	DSSS	Operations and Maintenance	Spare / Replacement Pumps - Equipment	300,000	Sewer Funds	Y	50001-8510-78501
Computer Systems & Equipment	Engineer	Equipment-Maintenance Department	Heavy Equipment	225,000	MVGT	Y	20502-4121-78501
Computer Systems & Equipment	General Government	Board of Elections	Voting Equipment	4,600,000	State of Ohio		
Computer Systems & Equipment	General Government	Medical Examiner	Gas Chromotography & Blood Alchol Analyzer	225,000	GF CIP	Y	40010-840201-78501
Computer Systems & Equipment	General Government	Medical Examiner	Pathology Microscopes	51,200	GF CIP	Y	40010-840201-78501
Computer Systems & Equipment	General Government	Various County Buildings	Floor Scrubbing Machines	50,000	GF CIP	Y	40010-840201-78501
Computer Systems & Equipment	Information Technology	Hardware & Software	Office 365	95,000	Other Local	Y	60025-8773-78501
Computer Systems & Equipment	Information Technology	Hardware & Software	Varonis Security Suite	40,000	Other Local	Y	60025-8773-78501
Computer Systems & Equipment	Information Technology	Hardware & Software	Veeam Backup	50,000	Other Local	Ŷ	60025-8773-78501
Computer Systems & Equipment	Information Technology	Hardware & Software	XDR - Vipre Replacement	71,000	Other Local	Ý	60025-8773-78501
Computer Systems & Equipment	Information Technology	Hardware & Software	Zix CloudAlly	34,000	Other Local	v	60025-8773-78501
Computer Systems & Equipment	Judicial and Public Safety	Sheriff	P25 Link Layer Authentication	73,200	Other Local	Ý	10164-3120-78501
Economic Development			AkronArts Polsky Renaissance Project	300,000	GF CIP		10104-3120-78301
	Executive	Economic Development	Canal Way Development & Trail Plan - Grant Prog	150,000	GF CIP	v	40010-820501-78501
Economic Development	Executive	Economic Development		500,000	GF CIP	Y	40010-820501-78501
Economic Development	Executive	Economic Development	Public Safety Smart City Technology Pilot	,	GF CIP		
Economic Development	Executive	Economic Development	Soap Box Derby	375,000			
Economic Development	Executive	Economic Development	Summit County Broadband Community Investmetns	20,000,000	ARPA		
Environmental Improvements	DSSS	Pump Station Improvements	PS 30 Replacement Ph 2 - Construction	3,000,000	WPCLF		
Environmental Improvements	DSSS	Pump Station Improvements	PS 36 Replacement - Construction	1,200,000	OWDA		
Environmental Improvements	DSSS	Pump Station Improvements	PS 6 & 13 Replacement - Construction	3,000,000	WPCLF		
Environmental Improvements	DSSS	Pump Station Improvements	PS 60 Force Main Replacement - Design	15,000	Sewer Funds	Y	50001-8510-78501
Environmental Improvements	DSSS	Pump Station Improvements	PS 78 Force Main Replacement - Construction (RES	300,000	Sewer Funds	Y	50001-8510-78501
Environmental Improvements	DSSS	Pump Station Improvements	PS 81 Force Main Replacement - Construction	450,000	OWDA		
Environmental Improvements	DSSS	Pump Station Improvements	PS 82 Improvements - Construction	2,300,000	WPCLF		
Environmental Improvements	DSSS	Sewer System Improvements	Cleveland Ave (SR 532) Trunk Sewer - Construction	1,000,000	OWDA		
Environmental Improvements	DSSS	Sewer System Improvements	Hines Hill Trunk Sewer Replacement - Construction	3,800,000	WPCLF		
Environmental Improvements	DSSS	Sewer System Improvements	Hudson SSO Elim - OEPA C.O., 185-3 Ph 2 P.S Cor	2,000,000	WPCLF		
Environmental Improvements	DSSS	Sewer System Improvements	Mogadore Sewer System Rehabilitation - Construction	100,000	Sewer Funds	Y	50001-8510-78501
Environmental Improvements	DSSS	Sewer System Improvements	Seasons Road SSE (FOGG West side of SR8) (RES 2	271,200	Sewer Funds		
Environmental Improvements	DSSS	Sewer System Improvements	Stow Gorge Replacement Ph1 - Construction	1,000,000	WPCLF		
Environmental Improvements	DSSS	Sewer System Improvements	Village of Boston Heights Wolcott Dr. Imp. (RES 2021	50,000		v	50001-8510-78501
Environmental Improvements	DSSS	WWTP Improvements	Peninsula WWTP & Collection System - Design	1,000,000		•	
Environmental Improvements	DSSS	WWTP Improvements	Plant 25 Fishcreek Clarifier, Digester, Sludge - Const	2,500,000	WPCLF		
Environmental Improvements	DSSS	WWTP Improvements	Plant 25 Fishcreek RBC - Design	750,000	WPCLF		
	DSSS	WWTP Improvements	Ę	15,000		v	50001 8510 79504
Environmental Improvements Facility Improvements	Engineer	Service and Administration Buildings/Grounds	Plant 36 Tertiary Door Replacement Facility Improvements	100,000	Sewer Funds MVGT		50001-8510-78501
Facility Improvements	General Government	Animal Control Facility	, ,	10,000		1 V	20502-4121-78501
		-	General Repairs and Maintenance			Y	40002-811201-78501
Facility Improvements	General Government	Animal Control Facility	Replace Cat Cages	150,000	GF CIP	Y	40010-811201-78501
Facility Improvements	General Government	Board of Elections	General Repairs and Maintenance		Permanent Imp	Y	40002-811101-78501
Facility Improvements	General Government	Board of Elections	Retaining Wall Repair		Permanent Imp	Y	40002-811101-78501
Facility Improvements	General Government	DD Board Facilities	Facility Acquistion & Improvements	689,468		Y	42210-8161-78501
Facility Improvements	General Government	Edwin Shaw Property	General Repairs and Maintenance			Y	40002-811804-78501
Facility Improvements	General Government	Medical Examiner	Exterior Security Fencing		Permanent Imp	Y	40002-811001-78501
Facility Improvements	General Government	Medical Examiner			Permanent Imp		40002-811001-78501

Category	Division	Group1	Item	Year 2022	Sources	Leg	FOA
Facility Improvements	General Government	Medical Examiner	Repaint walls and repair ceiling		Permanent Imp	Y	40002-811001-78501
Facility Improvements	General Government	Medical Examiner	Retaining Wall Repair		Permanent Imp	- V	40002-811001-78501
Facility Improvements	General Government	Ohio Building		10,000			
			General Repairs and Maintenance			Y	40002-810101-78501
Facility Improvements	General Government	Ohio Building	Roof Replacement Project Contingency	50,000		Y	40251-810101-78501
Facility Improvements	General Government	Summit Center	General Repairs and Maintenance	10,000	Permanent Imp	Ŷ	40002-811401-78501
Facility Improvements	General Government	Summit County Parking Deck	Expansion Joint Repair		Permanent Imp	Ŷ	40002-810901-78501
Facility Improvements	General Government	Summit County Parking Deck	General Repairs and Maintenance	10,000	Permanent Imp	Y	40002-810901-78501
Facility Improvements	General Government	Summit County Parking Deck	Paint Stairwells		Permanent Imp	Y	40002-810901-78501
Facility Improvements	General Government	Summit County Parking Deck	Recoat Deck on Levels 1 and 2	130,000	Permanent Imp	Y	40002-810901-78501
Facility Improvements	General Government	Summit County Public Health	COVID Facility Improvements Grant	800,000	ARPA		
Facility Improvements	General Government	Tallmadge Avenue Facility	General Repairs and Maintenance	10,000	Permanent Imp	Y	40002-811902-78501
Facility Improvements	General Government	Various County Buildings	General Repairs and Maintenance	30,000	GF CIP	Y	40010-810000-785011
Facility Improvements	General Government	Various County Buildings	Lighting Upgrade Project	1,500,000	GO Debt		
Facility Improvements	General Government	Various County Buildings	Replace Simplex Panels in Multiple Buildings	100,000	GF CIP	Y	40010-810000-785011
Facility Improvements	General Government	Veterans Service Bldg.	General Repairs and Maintenance	10,000	Permanent Imp	Ŷ	40002-810601-78501
Facility Improvements	Judicial and Public Safety	Consolidated Dispatch	NextGen 911 Dispatch Center	12,122,600	GO Debt	•	40002-010001-70001
Facility Improvements	Judicial and Public Safety	Data Center	Summit County Public Safety Fairlawn Data Center	2,000,000	GF CIP		
Facility Improvements	Judicial and Public Safety	Domestic Relations Court/Clerk of Courts		, ,		~	40000 040004 70704
			General Repairs and Maintenance		Permanent Imp	Y	40002-810301-78501
Facility Improvements	Judicial and Public Safety	Fairgrounds	Backflow Installation	50,000	GF CIP	Ŷ	40010-810000-78501]
Facility Improvements	Judicial and Public Safety	Fiber	Network	10,000,000	ARPA		
Facility Improvements	Judicial and Public Safety	Juvenile Court and Detention Center	General Repairs and Maintenance	10,000		Y	40002-810801-78501
Facility Improvements	Judicial and Public Safety	Ohio Building	Contruction Manager for Ohio Building Project	500,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Ohio Building	Council Technology Upgrade	25,000	GF CIP	Y	40010-810101-78501
Facility Improvements	Judicial and Public Safety	Ohio Building	Elevator Upgrade Project	1,100,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Ohio Building	HVAC and Finishes Upgrade Construction including	6,000,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Ohio Building	HVAC and Finishes Upgrade Project Design	400,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Safety Building	Facility Upgrades and Improvements	1,000,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Safety Building	General Repairs and Maintenance	10,000	Permanent Imp	Y	40002-810201-78501
Facility Improvements	Judicial and Public Safety	Summit Center	Renovation of Summit Center Building	1,000,000	GO Debt		40002 010201 10001
Facility Improvements	Judicial and Public Safety	Summit County Courthouse	Clerk of Courts & Domestic Court Office Renovation	75,000	GF CIP	v	40010-810301-78501
Facility Improvements	Judicial and Public Safety	Summit County Courthouse		100,000	-	- V	40002-810301-78501
Facility Improvements	Judicial and Public Safety	Summit County Courthouse	Exterior Cleaning & Repair		Permanent Imp	1 V	
Facility Improvements		2	General Repairs and Maintenance	400,000	GO Debt	Y	40002-810301-78501
	Judicial and Public Safety	Summit County Courthouse	HVAC Improvement Improvements				
Facility Improvements	Judicial and Public Safety	Summit County Courthouse	Refinish Courtroom Wood Paneling	60,000	GF CIP	Ŷ	40010-810301-78501
Facility Improvements	Judicial and Public Safety	Summit County Courthouse	Roof Replacement Project	750,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Summit County Courthouse	Update Bathrooms on 2nd Floor Courthouse	50,000	GF CIP	Y	40010-810301-78501
Facility Improvements	Judicial and Public Safety	Summit County Jail	Chiller Rental	50,000	GF CIP	Y	40010-810401-78501
Facility Improvements	Judicial and Public Safety	Summit County Jail	Double Bunk Safety Stabilizers	85,000	GF CIP	Y	40010-810401-78501
Facility Improvements	Judicial and Public Safety	Summit County Jail	Exterior Inmate Window Restoration/Security	100,000	GF CIP	Y	40010-810401-78501
Facility Improvements	Judicial and Public Safety	Summit County Jail	General Repairs and Maintenance	25,000	Permanent Imp	Y	40002-810401-78501
Facility Improvements	Judicial and Public Safety	Summit County Jail	HVAC and Plumbing Upgrade Project	6,000,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Summit County Jail	Inmate Cell Desk Replacements	200,000	GF CIP	Y	40010-810401-78501
Facility Improvements	Judicial and Public Safety	Summit County Jail	Lighting Upgrade Project	1,500,000	GO Debt		
Facility Improvements	Judicial and Public Safety	Summit County Jail	Westside inmate showers, Units 5 & 6	180,000	GF CIP	Y	40010-810401-78501
Facility Improvements	Judicial and Public Safety	Summit County Jail	Window Film	48,000	GF CIP	Ý	40010-810401-78501
Facility Improvements	Judicial and Public Safety	Tallmadge Ave Facility	Renovate Building Standards Space	400,000	-	Ŷ	10173-3104-78501
Facility Improvements		Various County Buildings	. .	300,000	GF CIP GO Debt	I	101/3-3104-/0301
Regional Stormwater	Judicial and Public Safety	Surface Water Management	Security Camera Upgrades	100,000			┨─────┤
•	Engineer	5	Brandywine Creek		ARPA		
Regional Stormwater	Engineer	Surface Water Management	Chaffee Culvert	100,000	/ / .		
Regional Stormwater	Engineer	Surface Water Management	Darrow/Marwell Retention Basin	140,000	ARPA		
Regional Stormwater	Engineer	Surface Water Management	Dorwick Ditch	300,000			
Regional Stormwater	Engineer	Surface Water Management	Everett/Oakhill	80,000	ARPA		
Regional Stormwater	Engineer	Surface Water Management	Idle Brook	280,000	ARPA		
Regional Stormwater	Engineer	Surface Water Management	Penguin Area	400,000	ARPA		
Regional Stormwater	Engineer	Surface Water Management	Pond Brook	80,000	ARPA		
Regional Stormwater	Engineer	Surface Water Management	Regional Stormwater Mapping	900,000	ARPA		
Regional Stormwater	Engineer	Surface Water Management	Regional Stormwater Study	1,400,000	ARPA		†
Regional Stormwater	Engineer	Surface Water Management	Springfield Lake	660,000	ARPA		
Regional Stormwater	Engineer	Surface Water Management	Sunny Acres Phase 1	150,000	ARPA		
	Lenginoon	Carried Mater management		,			

Category	Division	Group1	Item	Year_2022	Sources	Leg	FOA
Regional Stormwater	Engineer	Surface Water Management	Wye Road	900,000			
Regional Stormwater	Engineer	Surface Water Management	Bonnebrook Dr Pond	40,000			
Road & Ditch Improvements	Engineer	Economic Development	CED Grants	200,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Highway Engineering Projects	Landslide Mitigation	150,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Highway Engineering Projects	Roadway Design	300,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Highway Engineering Projects	Sewer Video/Cleaning/Repair Program	250,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Akron Cleveland Road	175,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Akron Cleveland Road	700,000	AMATS		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Annual Roadway Maintenance	450,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Annual Roadway Resurfacing	309,400	OPWC	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Annual Roadway Resurfacing	3,400,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Catch Basin Rebuild Program	75,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Cleveland Massillon Rd Part 1	400,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Cleveland Massillon Rd Part 1	700,000	AMATS		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Cleveland Massillon Rd Part 2	470,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Cleveland Massillon Rd Part 2	700,000	AMATS		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Cleveland-Mass. Rd Resurfacing	100,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Culvert Replacement Program	250,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Highland Road	118,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Intersection Improvements	150,000	MVGT	Y	20502-4121-78501
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Olde Eight Rd Part 1	290,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Olde Eight Rd Part 1	700,000	AMATS		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Ravenna Road Part 1	175,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Ravenna Road Part 1	700,000	AMATS		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Valley View Road Part 1	130,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	Valley View Road Part 2	40,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	White Pond Drive	300,000	MVGT		
Road & Ditch Improvements	Engineer	Pavement, Culvert & Ditch Maintenance	White Pond Drive	600,000	AMATS		
Road & Ditch Improvements	Engineer	Roadway Construction Projects	Canton Road	100,000	MVGT		
Vehicles	DSSS	Operations and Maintenance	Construction Tool Trailer	25,000	Sewer Funds	Y	50001-8510-78501
Vehicles	DSSS	Operations and Maintenance	Tri-Axle Dump Trailer	70,000	Sewer Funds	Y	50001-8510-78501
Vehicles	Engineer	Equipment-Maintenance Department	Dump Plows	300,000	MVGT	Y	20502-4121-78501
Vehicles	Engineer	Equipment-Maintenance Department	Light Duty Trucks	150,000	MVGT		20502-4121-78501
Vehicles	Judicial and Public Safety	Sheriff	Community Rotary Patrol Vehicles	237,107	Rotary Fund	Y	10125-3025-78501
Vehicles	Judicial and Public Safety	Sheriff	In-Car Mobile Devices	23,000		Y	10125-3025-78501
Vehicles	Judicial and Public Safety	Sheriff	Unmarked Vehicles	28,000	GF CIP	Ŷ	40010-810401-7850
Vehicles	Judicial and Public Safety	Sheriff	Unmarked Vehicles	50,000	Insurance Ret	Ŷ	10155-3030-70501
Vehicles	Judicial and Public Safety	Sheriff	Upfit Kits for New Vehciles	50,000		Ý	10125-3025-78501

Total

123,361,175

Fund	Orgn	Total Appropriat	ion
Sanitary Sewer Services	Sheriff's Policing Rotary	10125-3025-78501	310,107
Information Technology-IS	Sheriff-Insurance Retention	10155-3030-70501	50,000
Motor Vehicle & Gas	Exec-800 MHz Maintenance	10164-3120-78501	73,200
DD Permanent Improvement	Exec-Building Regulation	10173-3104-78501	400,000
Sheriff's Policing Rotary	Engineer-Capital Improvment	20502-4121-78501	8,727,400
Permanent Improvement	Ohio Bldg Repairs	40002-810101-78501	10,000
General Capital Improvements	Safety Bldg Repairs	40002-810201-78501	10,000
General Capital Improvements	Courthouse Repairs	40002-810301-78501	130,000
Ohio Building Renovations	Jail Repairs	40002-810401-78501	25,000
General Capital Improvements	Veterans Service Bldg	40002-810601-78501	10,000
General Capital Improvements	Juvenile Ct Repairs	40002-810801-78501	10,000
Permanent Improvement	Ohio Bldg Parking Deck Repair	40002-810901-78501	510,000
Permanent Improvement	Medical Examiner Bldg Repairs	40002-811001-78501	255,000
Permanent Improvement	Bd of Elections Bldg Repairs	40002-811101-78501	40,000
Permanent Improvement	Animal Shelter	40002-811201-78501	10,000
Permanent Improvement	Summit Center Improvement	40002-811401-78501	10,000
Permanent Improvement	Edwin Shaw Property Maintenance	40002-811804-78501	10,000

Division	Group1	Item	Year_2022	Source
Fund	Orgn	Total Appropriation		
Permanent Improvement	Tallmadge Ave	40002-811902-78501	10,000	
Permanent Improvement	Building Improvement	40010-810000-78501]	180,000	
General Capital Improvements	Ohio Bldg Repairs	40010-810101-78501	25,000	
General Capital Improvements	Courthouse Repairs	40010-810301-78501	185,000	
General Capital Improvements	Jail Repairs	40010-810401-78501	691,000	
Permanent Improvement	Animal Shelter	40010-811201-78501	150,000	
Permanent Improvement	Towpath Development	40010-820501-78501	150,000	
800 MHz County Radios	Exec Misc Comp & Tel Eq	40010-840201-78501	326,200	
Permanent Improvement	Ohio Bldg Repairs	40251-810101-78501	50,000	
Permanent Improvement	DD-Capital Project	42210-8161-78501	689,468	
Insurance Retention Fund	DOSSS-Sewer	50001-8510-78501	1,000,000	
Building Standards	Information Technology-IS	60025-8773-78501	290,000	
		Total	14,337,375	

FOA