MEET-BY-MEET BREAKDOWN

DATE	MEET	TEAM	VAULT	BARS	BEAM	FLOOR	TOTAL
1.12	vs. William & Mary	CLEMSON	48.875	49.225	48.950	49.275	196.325
		William & Mary	47.800	47.600	48.225	46.425	190.050
1.21	vs. Pitt*	CLEMSON	49.150	48.925	48.750	49.375	196.200
		Pitt	48.750	48.625	48.300	49.100	194.775
1.26	at North Carolina*	CLEMSON	48.950	49.150	49.200	49.250	196.550
		North Carolina	48.750	47.675	48.675	49.150	194.250
2.2	vs. NC State*	CLEMSON	49.050	49.150	47.875	49.525	195.600
		NC State	49.050	49.050	48.850	49.350	196.300
2.9	at Pitt*	CLEMSON	49.050	48.925	49.125	49.275	196.375
2.0		Pitt	49.000	48.875	48.850	49.175	195.900
2.17	at NC State*	CLEMSON	48.800	49.375	48.625	49.200	196.000
2.17		NC State	49.250	49.450	49.375	49.500	197.575
2.23	vs. North Carolina*	CLEMSON	49.200	49.250	49.300	49.600	197.350
0		North Carolina	49.150	49.150	48.750	48.450	195.500
3.3	TWU Quad Meet	CLEMSON	49.225	49.200	48.575	49.350	196.350
		Oklahoma	49.525	49.625	49.675	49.475	198.300
		Texas Women's University	49.150	49.125	49.100	48.900	196.275
		Penn	48.875	48.600	48.525	48.825	194.825
3.8	vs. Air Force	CLEMSON	49.175	49.400	49.450	49.575	197.600
		Air Force	48.500	49.025	48.200	48.925	194.650
3.16	at UCLA	CLEMSON	49.450	48.700	49.300	49.375	196.825
		UCLA	49.475	49.625	49.675	49.775	198.550
3.23	ACC Championship	CLEMSON	-	-	-	-	-
		Pitt	-	-	-	-	-
		North Carolina	-	-	-	-	-
		NC State	-	-	-	-	-
SEASON	HIGHS	CLEMSON	49.450	49.400	49.450	49.600	197.600
		OPPONENT	49.525	49.625	49.675	49.775	198.550
SEASON	AVERAGES	CLEMSON	49.093	49.130	48.915	49.380	196.518
		OPPONENT	48.940	48.869	48.850	48.921	195.579

DATE

1.12

1.21

1.26

2.2

2.9

2.17

2.23

3.3

3.8

3.16

3.24



MOLLY ARNOLD

R-Sophomore • Bloomington, Minn.

CAREER HIGHS *at Utah State								
All-Around	Floor	Beam	Bars	Vault				
	9.950		9.825*	9.975				
		HS	ON HIG	SEAS				
All-Around	Floor	Beam	Bars	Vault				
	9.950			9.975				

DATE	MEET	VAULT	BARS	BEAM	FLOOR	AA
1.12	William & Mary	9.775			9.875	
1.21	Pitt*	9.800			9.875	
1.26	at UNC*	9.775			9.875	
2.2	NC State*	9.850			9.950^	
2.9	at Pitt*	9.775			9.825	
2.17	at NC State*	9.925^			9.875	
2.23	UNC*	9.800			9.925	
3.3	at TWU/Oklahoma/Per	nn 9.850			9.875	
3.8	Air Force	9.875			9.925	
3.16	at UCLA	9.975			9.875	
3.24	ACC Championsh	nip				
^event winn	er .	-				

PLAYER NOTES

- Recorded a career-high 9.975 on vault at UCLT
- Earned her first event win (tie with Lauren Rutherford) on vault vs NC State
- Tallied a career-high 9.925 on vault at NC State for her second event win of the season
- Transfer from Utah State
- 2022 Academic All-Mountatin Rim Gymnastics Conference



UNC*

Air Force

at UCLA

• Transfer from Utah State

DATE

1.12

1.21

1.26

2.2

2.9

2.17

2.23

3.3

3.8

3.16

3.24

^event winner PLAYER NOTES

TRINITY BROWN

R-Sophomore • Upper Marlboro, Md.

CAREER HIGHS *at Utah State							
Vault	Bars	Beam	Floor	All-Around			
9.900	9.875		9.925*				

SEASON HIGHS

an will	Vault 9.900	Bar 9.87	-		Floor 9.825	All-Around
MEET	VAL	JLT	BARS	BEAM	FLOOF	AA AA
William & Mary	9.8	00	9.800			
Pitt*	9.90	00^	9.650		9.800	
at UNC*	9.7	50	9.650			
NC State*	9.7	75			9.800	
at Pitt*	9.8	75	9.775		9.825	
at NC State*	9.8	00	9.875		9.050	

9.850





TAKODA BERRY

Freshman • Newport Beach, Calif.

CAREER HIGHS Vault Bars Beam All-Around Floor -----------------**SEASON HIGHS** Bars Beam Floor All-Around Vault ---MEET VAULT BARS BEAM FLOOR AA William & Mary ------____ ---Pitt* ----------------at UNC* ----____ -------NC State* -----------------at Pitt* ------------at NC State* --------------UNC* ----------------at TWU/Oklahoma/Penn -------Air Force -------____ -------at UCLA ---------ACC Championship ----

PLAYER NOTES



KATE BRYANT

Freshman • Littleton, Colo.

CAREER HIGHS

		/ault).775	Bars	Be	am 	Floor	All-Around
		SEASC /ault).775	Bars	I GHS Bea	am 	Floor	All-Around
DATE	MEET	VAUI	.т і	BARS	BEAM	FLOO	R AA
1.12	William & Mary						
1.21	Pitt*						
1.26	at UNC*						
2.2	NC State*						
2.9	at Pitt*	9.70	0				
2.17	at NC State*						
2.23	UNC*	9.75	0				
3.3	at TWU/Oklahoma/Pe	nn					
3.8	Air Force	9.77	5				
3.16	at UCLA						
3.24	ACC Championsh	nip					

PLAYER NOTES

• Recorded a season-high 9.775 on vault vs Air Force

• Recorded a then-career-high 9.800 on bars in Clemson's inaugural meet vs. William & Mary

• 2022 Academic All-Mountain Rim Gymnastics Conference

9.875

at TWU/Oklahoma/Penn 9.800

ACC Championship ----

- Set a career-high on vault (9.900) in Clemson's win over Pitt; won event
- Recorded a career-high 9.875 on bars at NC State on Feb. 17

DATE 1.12 1.21 1.26 2.2 2.9 2.17 2.23 3.3 3.8 3.16 3.24



SIERRA CHURCH

Freshman • Lincolnton, N.C.

CAREER HIGHS									
Vault	Bars	Beam	Floor	All-Around					
		9.925							
SEAS	SEASON HIGHS								
Vault	Bars	Beam	Floor	All-Around					
		9.925							

DATE	MEET	VAULT	BARS	BEAM	FLOOR	AA
1.12	William & Mary					
1.21	Pitt*					
1.26	at UNC*					
2.2	NC State*			9.650		
2.9	at Pitt*			9.800		
2.17	at NC State*			9.825		
2.23	UNC*			9.925^		
3.3	at TWU/Oklahoma/Penn			9.675		
	at TWU/Oklahoma/Penn			9.675		
3.8	Air Force			9.875		
3.16	at UCLA			9.875		
3.24	ACC Championship	o				
^event winne						

PLAYER NOTES

- Set a then-career-high with 9.825 on beam at NC State
- Earned her first event win against North Carolina on February 23 with a career-high 9.925.



BRIE CLARK

R-Sophomore • Daphne, Ala.

3 3 1		, oopiid	111010	Du	, ,	iiu.
	CAREE	R HIGH	IS *at Utah S	State		
The second secon	Vault	Bars	Beam	F	loor	All-Around
	9.825*		9.925	9	.950	
	SEASO	N HIGH	IS			
	Vault	Bars	Beam	F	loor	All-Around
			9.925	9	.950	
MEET	VAUI	т ва		EAM	FLOOR	АА
	VAU		NJ DI		FLOOR	AA
William & Mary			- 9.	850	9.900^	
Pitt*			- 9.	200	9.925^	
at UNC*			- 9.9	900^	9.925^	
NC State*			-			
at Pitt*			- 9.	300	9.900^	
at NC State*			- 9.	875	9.875	
UNC*			- 9.	775	9.925	
at TWU/Oklahoma/F	Penn		- 9.	700	9.900	
Air Force			- 9.	925	9.950^	
at UCLA			- 9.	700	9.750	
ACC Champion	ship		-			

PLAYER NOTES

^event winner

- 2x ACC Specialist of the week
- Missed NC State meet due to illness
- . Has won 5 floor events and one beam event for Clemson
- Tied a career-high on beam and floor vs Air Force
- Transfer from Utah State
- Women's Collegiate Gymnastics Association Regular Season Second Team All-American (2022)
- Mountain Rim Gymnastics Conference Floor Specialist of the Year (2022)
- MRGC Freshman of the Year (2022)
- First-Team All-MRGC: Floor (2022)



KAITLIN DEGUZMAN

Graduate • Dallas, Texas

CAREER HIGHS *at Kentucky								
Vault	Bars	Beam	Floor	All-Around				
	9.925	9.800*	9.800*					
SEAS	ON HIG	HS						
Vault	Bars	Beam	Floor	All-Around				
	9.925							

DATE	MEET	VAULT	BARS	BEAM	FLOOR	AA
1.12 1.21	William & Mary Pitt*		9.875 9.800			
1.26 2.2	at UNC* NC State*		9.875 9.850^			
2.9 2.17	at Pitt* at NC State*		9.800 9.850			
2.23 3.3	UNC* at TWU/Oklahoma/Penr	 1	9.725 9.900			
3.8 3.16	Air Force at UCLA		9.925^ 9.800			
3.24	ACC Championshi	р				

PLAYER NOTES

• Tied a career-high with a 9.925 and an event win on bars on Senior Night vs Air Force

- Won first event as a Tiger vs NC State (three-way tie for bars)
- Set a season high on bars at the TWU Quad meet (9.900)
- Transfer from Kentucky
- Dual citizen of the United States and Philippines
- Two-time WGCA Scholastic All-American



MAGGIE HOLMAN

Freshman • Raleigh, N.C.

CAREER HIGHS

		CAREER IIIGIIS					
111 /-		Vault Bar	s Be	eam	Floor	All-Around	
		9.850	9.	100	9.900		
a contraction		SEASON I	HIGHS				
93924		Vault Bar	s Be	eam	Floor	All-Around	
		9.850	9.	100	9.900		
DATE	MEET	VAULT	BARS	BEAM	FLOOF	R AA	
1.12	William & Mary				9.825		
1.21	Pitt*						
1.26	at UNC*			9.100	9.825		
2.2	NC State*	9.850			9.900		
2.9	at Pitt*	9.750			9.750		
2.17	at NC State*	9.250			9.675		
2.23	UNC*						
3.3	at TWU/Oklahoma/Pe	enn 9.775			9.650		
3.8	Air Force	9.850					
3.16	at UCLA	9.850					
3.24	ACC Champions	hip					

PLAYER NOTES

- Tied a season-high with a 9.850 on vault at UCLA
- Tied a season high with a 9.850 on vault vs Air Force
- Stepped into the lineup for the Tigers due to holes left by injury
- and sickness vs. NC State and came in second on vault by 0.025
- Named ACC Newcomer of the Week on Feb. 5
- Led off the floor exercise for Clemson vs NC State and earned a season-high 9.900

Three-time bars champion

DATE

1.12

1.21

1.26 2.2 2.9 2.17 2.23 3.3 3.8 3.16 3.24



EVE JACKSON

R-Junior • Los Angeles, Calif.

C	ARE	EER	HIGHS	
		_	-	

A CONTRACT OF A								
Los GIN	Vault	Bar	s B	eam	Floor	A	II-Around	
	9.900	9.90	0 9.	.775	9.925		39.200	
	SEAS	ON I	HIGHS					
A. M. A. S	Vault	Bar	s B	eam	Floor	A	II-Around	
	9.900	9.90	0 9.	.775	9.925		39.200	
MEET	VAL	JLT	BARS	BEAN	И FLC	OR	AA	
William & Mary	9.7	50	9.825	9.77	5 -			
Pitt*	9.8	00	9.825^	9.67	5 -			
at LINC*	97	25	9 775	9 72	5 8 5	00	37 725	

1.26	at UNC*	9.725	9.775	9.725	8.500	37.725
2.2	NC State*	9.700	9.850^	9.700	9.850	39.100
2.9	at Pitt*		9.800			
2.17	at NC State*	9.825	9.875		9.875	
2.23	UNC*	9.800	9.900	9.200	9.900	38.800
3.3	at TWU/Oklahoma/Penn	9.825	9.800	9.675	9.900	39.200
3.8	Air Force	9.775	9.900	9.675	9.850	39.200
3.16	at UCLA	9.900	9.800	8.975	9.925	38.600
3.24	ACC Championship)				

^event winner

DATE

1.12

1.21

PLAYER NOTES

Transfer from Utah State

- Recorded a career-high on vault and floor at UCLA (9.900; 9.925)
- Tied then-season/career highs on vault and floor at the TWU Quad, while setting a ca-
- reer-high all-around score (39.200)
- Tied a career-high with a 9.900 on bars vs UNC (2.23); set a career-high (9.900) on floor vs UNC (2.23)
- Won bars event vs Pitt (9.825); won bars event vs NC State (9.850; three-way tie)
- Tied a career-high with a 9.825 on vault at NC State
- Mountain Rim Gymnastics Conference Bars Specialist of the Week (1/17/22)
- 2021 Academic All-Mountain Rim Gymnastics Conference
- Father, Byron, played in the NFL, CFL and World League
- Niece of DeSean Jackson



LILY KURRACK

Freshman • Tampa, Fla.

CARE	ER HIG			
Vault	Bars	Beam	Floor	All-Around
CEAC		LIC		

ASON HIGHS

Vault	Bars	Beam	Floor	All-Around

DATE	MEET	VAULT	BARS	BEAM	FLOOR	AA
1.12	William & Mary					
1.21	Pitt*					
1.26	at UNC*					
2.2	NC State*					
2.9	at Pitt*					
2.17	at NC State*					
2.23	UNC*					
3.3	at TWU/Oklahoma/Penr	ı				
3.8	Air Force					
3.16	at UCLA					
3.24	ACC Championshi	р				

PLAYER NOTES



QUINN KUHL

Freshman • Holly Springs, N.C.

CAREER HIGHS

E.	Vault	Bars	Beam 9.800		oor A	All-Around
	SEASO Vault	N HIG Bars	HS Beam 9.800		oor A	All-Around
MEET	VAUL	т ва	RS B	EAM	FLOOR	AA
William & Mary		-	9	.700		
Pitt*		-	9	.475		
at UNC*		-	9	.800		
NC State*		-	8	.875		
at Pitt*		-	9	.750		
at NC State*		-	9	.075		
UNC*		-				
at TWU/Oklahoma/F	enn	-				
Air Force		-				
at UCLA		-				
ACC Champions	ship	-				

PLAYER NOTES



DATE 1.12 1.21 1.26 2.2 2.9 2.17 2.23 3.3 3.8 3.16 3.24

GRACE LACROSSE

Freshman • Lake Zurich, III.

	AREER I		am I	Floor	All-Around
	EASON ault Bar		am I	Floor	All-Around
MEET	VAULT	BARS	BEAM	FLOOF	r aa
William & Mary					
Pitt*					
at UNC*					
NC State*					
at Pitt*					
at NC State*					
UNC*					
at TWU/Oklahoma/Pen	n				
Air Force					
at UCLA					
ACC Championshi	р				

PLAYER NOTES



MEET

DATE

LILLY LIPPEATT R-Freshman • Mason. Ohio

			, .	
CARE	ER HIG	HS		
Vault	Bars	Beam	Floor	All-Around
	9.900	9.900	9.925	
SEAS	ON HIG	HS		
Vault	Bars	Beam	Floor	All-Around
	9.900	9.900	9.925	
VA	ULT B/	ARS BE	AM FLOO	DR AA
				-

1.12	William & Mary	 9.900^	9.750	9.825	
1.21	Pitt*	 9.800	9.850	9.875	
1.26	at UNC*	 9.825			
2.2	NC State*	 9.825	9.775		
2.9	at Pitt*	 9.125	9.825		
2.17	at NC State*	 9.900	9.900		
2.23	UNC*	 9.825	9.850		
3.3	at TWU/Oklahoma/Penn	 9.825	9.725		
3.8	Air Force	 9.850	9.850	9.925	
3.16	at UCLA	 9.875	9.875	9.900	
3.24 ^event winn	ACC Championship	 			
CVCIIL WIIIII	CI				

PLAYER NOTES

 Recorded the first 9.900 in school history vs William & Mary (hars)

 Tied a season-high with a 9.900 on bars at NC State and set a season-high with a 9.900 on beam.

• ACC Newcomer of the Week (Jan. 15)

- Set a career-high on floor with a 9.925 vs Air Force
- First high school signee in program history (enrolled in fall 2022)



DATE

1.12

1.21

1.26

2.2

MADISON MINNER

R-Sophomore • Anderson, S.C.

		•			
	CAREER HIGHS				
~~\ \\	Vault Ba	ars Be	eam I	Floor	All-Around
	9.900 -	·	g	.900	
	SEASON	HIGHS			
	Vault Ba	ars Be	eam I	loor	All-Around
	9.900 -	·	g	.900	
MEET	VAULT	BARS	BEAM	FLOOR	AA
	WIGEI	Britto	DEAM	LOON	701
William & Mary	9.600				
Pitt*	9.800				
at UNC*	9.775				
NC State*	9.750			9.875	
at Pitt*	9.800			9.825	

2.9	at Pitt*	9.800	 	9.825	
2.17	at NC State*	9.350	 		
2.23	UNC*		 		
3.3	at TWU/Oklahoma/Penn	9.900	 	9.800	
3.8	Air Force	9.750	 	9.900	
3.16	at UCLA	9.850	 		
3.24	ACC Championship)	 		

PLAYER NOTES

- Walk-on from nearby Anderson, S.C.
- Set a career-high on vault, 9.900, at the TWU Quad meet

• Set a career-high on floor, 9.900, vs Air Force



KIELYN McCRIGHT

R-Sophomore • Parkland, Fla.

		CAREE	R H	IGHS .	t Utah State			
		Vault	Bars	Be	am l	Floor	All-Around	
				9.9	925			
1125		SEASC)N H	IIGHS				
		Vault	Bars		am I	Floor	All-Around	
	1 dest			9.9	925			
DATE	MEET	VAU	T	BARS	BEAM	FLOO	R AA	
1.12	William & Mary				9.675			
1.12	Pitt*				9.900^			
1.21	at UNC*				9.900			
2.2	NC State*				8.900			
2.9	at Pitt*				9.825			
2.17	at NC State*				8.975			
2.23	UNC*				9.900			
3.3	at TWU/Oklahoma/Pe	enn			9.500			
3.8	Air Force				9.850			
3.16	at UCLA				9.925			
3.24 ^event winne	ACC Champions	hip						

PLAYER NOTES

- Transfer from Utah State
- Tied a career-high with a 9.925 on beam at UCLA
- Earned her first event win as a Tiger vs Pitt with a 9.900 on beam
- Earned second-consecutive beam win vs UNC (9,900)
- 2022 WCGA Scholastic All-American
- 2022 Academic All-Mountain Rim Gymnastics Conference
- Mountain Rim Gymnastics Conference Beam Specialist of the Week (1/17/22)



lunior Roswell Ga

		Julioi • Roswell, Ga.					
		CAR	EER H		at NC State		
		Vault	Bars	s Be	eam	Floor	All-Around
- KA		9.925	9.925	ō* -	9	9.950	
- Kala		SEA	SON F	IIGHS			
	1000	Vault	Bars		eam	Floor	All-Around
S488		9.925	9.87	5 -	9	9.950	
DATE	MEET	VA	ULT	BARS	BEAM	FLOOR	AA
DATE				Drine	22/11/	. 2001	,,,,
1.12	William & Mary	9.8	325^	9.825		9.850	
1.21	Pitt*	9.	850	9.750		9.900	
1.26	at UNC*	9.9	925^	9.825		9.850	
2.2	NC State*	9.	825	9.800		9.950^	
2.9	at Pitt*			9.875			
2.17	at NC State*						
2.23	UNC*	9.9	925^	9.825		9.900	
3.3	at TWU/Oklahoma/F	Penn		9.800			
3.8	Air Force			9.825			
3.16	at UCLA	9.	825	9.150		9.850	
3.24	ACC Champion	ship					
^event winn	er						

PLAYER NOTES

• Set a season-high with 9.875 on bars at NC State

· Missed Pitt meet due to illness

- Set a career-high on vault with a 9.925 at North Carolina, tied it at home vs UNC
- · Earned her first event win as a Tiger vs William & Mary with a 9.825 on vault; Clemson's first-ever event winner (vault, vs William & Mary)
- Recorded the first 9.90 of her Clemson career on floor vs Pitt

· Set a career-high on vault with a 9.925 at North Carolina

- Tied a career-high with a 9.950 (Clemson's highest floor score of the season) to win floor vs. NC State (tie with Molly Arnold)
- Transfer from NC State
- 2023 EAGL Second Team (floor); 2022 EAGL First Team (bars/floor)

• 6x EAGL All-Tournament Honoree; 2x All-EAGL Scholarstic Team (2022, 2023); 2x WCGA



TRINITY WEBB

Freshman • Smithville, Mo.

CAREER HIGHS

Vault	Bars	Beam	Floor	All-Around
	9.900			
SEAS	SON HIG	HS		
Vault	Bars	Beam	Floor	All-Around
	9.900			

DATE	MEET	VAULT	BARS	BEAM	FLOOR	AA
1.12	William & Mary					
1.21	Pitt*					
1.26	at UNC*					
2.2	NC State*		9.825			
2.9	at Pitt*		9.775			
2.17	at NC State*					
2.23	UNC*					
3.3	at TWU/Oklahoma/Penr	ı 	9.800			
3.8	Air Force		9.900			
3.16	at UCLA		9.825			
3.24	ACC Championshi	р				

PLAYER NOTES

- January 2024 enrollee
- Set a season-high with a 9.900 on bars vs Air Force



REBECCA WELLS

R-Senior • Smyrna. Tenn.

		CAREER HIGHS *at Utah State						
	NAMESALOP	Vault	Bai	rs	Beam	F	loor	All-Around
		9.900	9.87	75 9	9.950	9	.950	39.550
		CEVC		HIGHS				
		Vault) Beam		loor	All-Around
							.950	39.550
		9.900	9.0	/5 :	9.950	9	.950	39.000
DATE	MEET	VAL	JLT	BARS	BE/	٩М	FLOOF	AA
1.12	William & Mary	9.7	25	9.800	^ 9.8	75	9.150	38.550^
1.21	Pitt*	9.7	25	9.750	9.8	50	9.800	39.125^
1.26	at UNC*	9.7	25	9.850	9.8	75	9.775	39.225^
2.2	NC State*		-	9.775	5 9.8	50^		
2.9	at Pitt*	9.8	50	9.775	5 9.92	25^	9.900/	39.450^
2.17	at NC State*	9.9	00	9.800	9.9	50^	9.900	39.550
2.23	UNC*	9.8	00	9.850	9.8	50	9.950/	39.450^
3.3	at TWU/Oklahoma/I	Penn 9.8	50	9.875	5 9.8	00	9.875	39.400
3.8	Air Force	9.90	00^	9.775	5 9.9	50^	9.875	39.500^
3.16	at UCLA	9.8	75	9.400	9.9	25	9.825	39.025
3.24	ACC Champion	ship	-			-		
^event winn	er							

PLAYER NOTES

- Transfer from Utah State
- 2024 AAI Award Nominee
- Clemson's first-ever all-around winner (vs William & Mary) and currently the only all-around winner in program history (6)
- Tied her season/career-high with a 9.900 on vault and 9.950 on beam vs Air Force
- Tied a career-high with a 9.875 on bars at the TWU Quad meet (3.3)
- Set a career-high with a 9.950 on floor vs North Carolina (event win)
- Set a career-high with a 9.950 on beam at NC State, tied a career-high with a 9.900
- on vault during the same meet and tied a season-high with a 9.900 on floor.
- Set a career-high with a 39.550 all-around score at NC State (2.17)
- Tied a career-high on floor and beam at Pitt (2.9); won both events
- Utah State record-holder for best all-around score at an NCAA Championship meet (39.350)
- 2022 Mountain Rim Gymnastics Conference All-Around Champion
- First-Team All-Mountain Rim Gymnastics Conference: All-Around (2022), Vault (2022)
- Second-Team All-MRGC: Beam (2022)
- MRGC Vault Specialist of the Week (3/8/21; 1/31/22; 2/21/22)
- MRGC Gymnast of the Week (1/10/22)