

***"Progress of the eReporting application  
four years after implementation in  
Puerto Rico, 2020-24."***





**Throughout 2017-2020 NOAA Fisheries and The Nature Conservancy worked project in coordination with DNER Commercial Fisheries Statistics Program. The goal was to develop a smart phone application to help commercial fishers to report their landings electronically.**



**On April 3, 2020 during the COVID – 19 Pandemic, Rafael Machargo Maldonado, DNER Secretary, established the Administrative Order 2020-3, the implementation of the eReporting application to help commercial fishers to submit their landings to DNER.**



Pesca:  Diurna  Nocturna  
 Fecha del desembarco Mes \_\_\_\_ / Día \_\_\_\_ Año \_\_\_\_

Reportado por:  Pescadería  Pescador

Municipio de desembarco \_\_\_\_\_ Centro de desembarco \_\_\_\_\_  
 Nombre del pescador \_\_\_\_\_ Número de licencia ( 1 ) \_\_\_\_\_  
 Nombre del pescador ( 2 ) \_\_\_\_\_ Número de licencia ( 2 ) \_\_\_\_\_  
 Nombre del pescador ( 3 ) \_\_\_\_\_ Número de licencia ( 3 ) \_\_\_\_\_  
 Número de teléfono \_\_\_\_\_ Profundidad donde ocurrió la mayor captura \_\_\_\_\_ (brasas).  
 Registro de embarcación \_\_\_\_\_ Área de captura \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ (puede ser más de un área).

Número Permiso si aplica: HMS \_\_\_\_\_ Pesca capturada a una distancia de la costa: \_\_\_\_\_ Si pescó con nasas o capjnes, ¿cuantos días estuvieron sumergidos? \_\_\_\_\_  
 Mayor \_\_\_\_\_ ( 9 millas )  
 Menor o igual a \_\_\_\_\_ ( 9 millas )

CLASE DE PESCADO	PESO	PRECIO POR LIBRA	ARTE	HORAS PESCANDO	CANTIDAD O TAMAÑO DE ARTE	CLASE DE PESCADO	PESO	PRECIO POR LIBRA	ARTE	HORAS PESCANDO	CANTIDAD O TAMAÑO DE ARTE
<b>PELAGICO</b>						<b>PAROS Y MEROS DE AGUAS PROFUNDAS</b>					
(226) ATUNALETA AMARILLA (Yellowfin)						(142) BESUGO (Vermilion Snapper)					
(229) BACORA (Skipjack tuna)						(143) CARTUCHO (Queen Snapper)					
(228) BONITO (Blackfin tuna)						(139) CHILLO (Sik Snapper)					
(230) VACA (Little tunny)						(144) MUYAMA DE AFUERA (Cardinal Snapper)					
(720) PATUDO (Bigeye tuna)						(141) CHOPA NEGRA (Black Snapper)					
(227) ATUN BLANCO (Abacone)						(138) NEGRA O LINEGRA (Blackfin Snapper)					
(225) ATUNES (Familia)						(760) MERO GUAJIL DEL HONDO (Yellowedge grouper)					
(128) DORADO (Scuppinfish or Mahi)						(086) MERO GUASA (Mahi grouper)					
(232) PETO (Wahoo)						(850) CARTUCHO PRIETO (Atlantic Scombrops)					
<b>TIBURONES</b>						<b>PECES DE ARRECIFE</b>					
(008) TIBURONES (Familia)						(079) MEROS (Groupers)					
(010) TIGRE (Tiger Shark)						(064) GALLOS (Squirrelfish)					
(016) CORNIA GRANDE (GREAT HAMMERHEAD)						(080) MANTEQUILLA (Coney)					
Añadir Especie a mano						(088) CABRILLA (Red Hind)					
(012) LIMON (LEMON SHARK)						(091) GUAJIL (Yellowfin Grouper)					
(003) VILMA (SEVENGILL SHARK)						(109) JURELES (Familia) (Jacks)					
(400) TIBURON ARRECIFE CARIBEÑO						(115) COJINUA (Bar Jack)					
Añadir Especie a mano						(118) JUREL OJON (Horseeye Jack)					
<b>MARISCOS</b>						(130) PARGOS (Familia) (Snappers)					
(906) CANGREJOS MARISCOS (Crabs)						(131) PARGO MULATO (Cubera snapper)					
(909) CARRUCHO (Cowfish)						(134) SAMA (Mutton snapper)					
(904) JUEY DE TIERRA (Land Crab)						(136) ARRAYADO (Lane Snapper)					
(901) LANGOSTA (Spiny Lobsters)						(140) COLIRRUBIA (Yellowtail snapper)					
(935) CANGREJO DE CORAL (Coral Crab)						(152) RONCOS (Familia) (Grunts)					
(902) PULPO (Octopus)						(155) BOQUICOLORAO (White grunt)					
(905) OTROS MARISCOS (Other Shellfish)						(164) PLUMAS (Parrot)					
<b>CARNADA Y ESPECIE DE BAJURA</b>						(175) SALMONETE COLORADO (Spotted goatfish)					
(036) SARDINAS (Herrings)						(176) SALMONETE AMARILLO (Yellow goatfish)					
(055) BALAJU (Ballyhoo)						(189) CAPITAN (Hogfish)					
(199) JAREA (White Mullet)						(192) LOROS (Parrotfish)					
(147) MOJARRAS						(202) PICUA PARDA o PICUOLLAS (Barracudas Family)					
(076) ROBALOS (Snooks)						(233) SIERRA CARITE (Kingfish Mackerel)					
(936) CALAMAR (Squid)						(234) SIERRA ALASANA (Cero Mackerel)					
(908) CAMARON (Shrimp)						(251) PEJE PUERCO (Queen triggerfish)					
Añadir Especie a mano						(256) CHAPINES (Trunkfishes)					
Añadir Especie a mano						(546) PEZ LEON (Lion Fish)					



# Landings Reported throughout 2020 via CCL (paper trip ticket) compared to e Reporting (electronic trip ticket)

	CCL	eReporting
Pounds Landed	800,215	271,162
Number of Fishing Trips	15,430	5,159
Number of Fishers	755	406

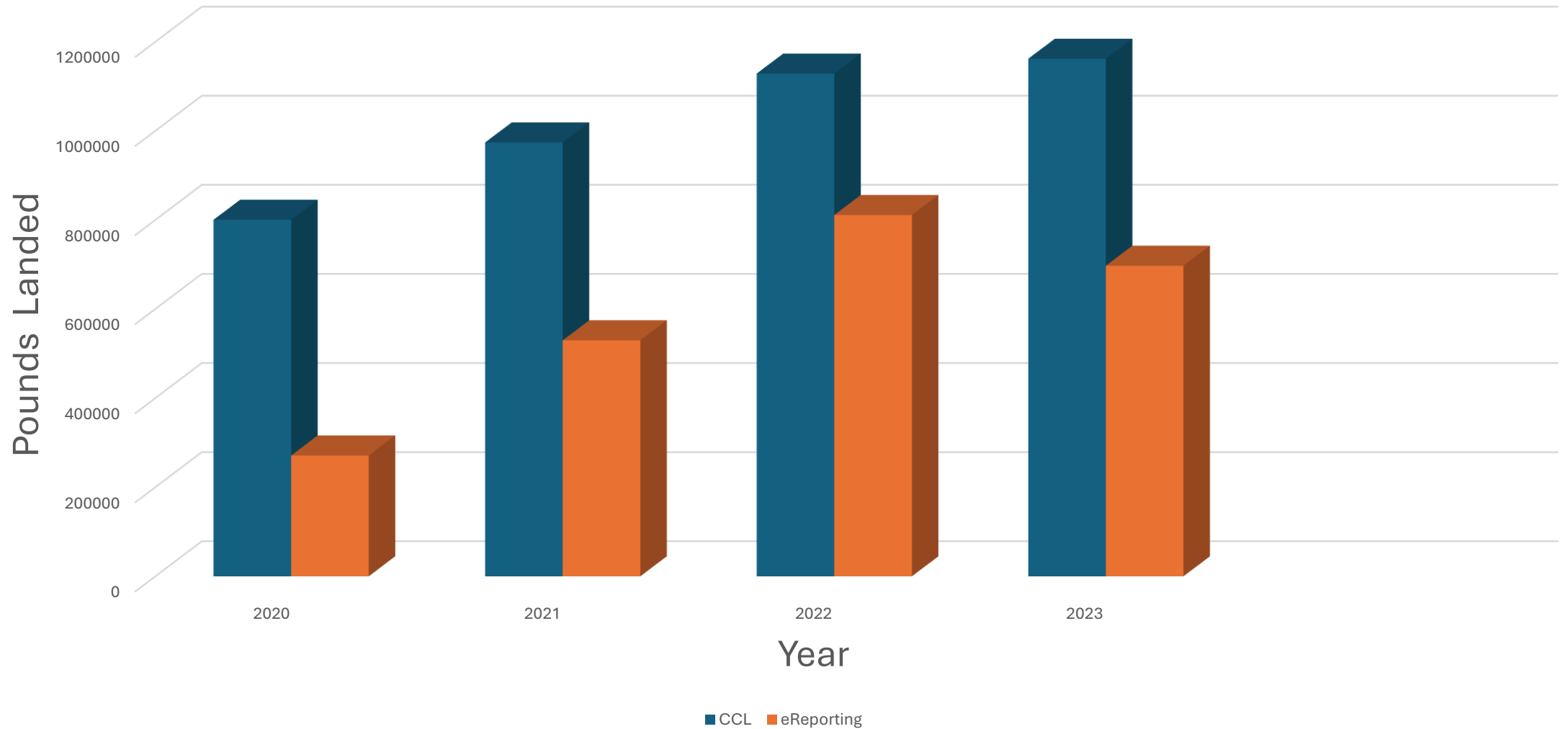
# During 2021

- eReporting personnel
- TNC personnel
- DNER/CFSP personnel

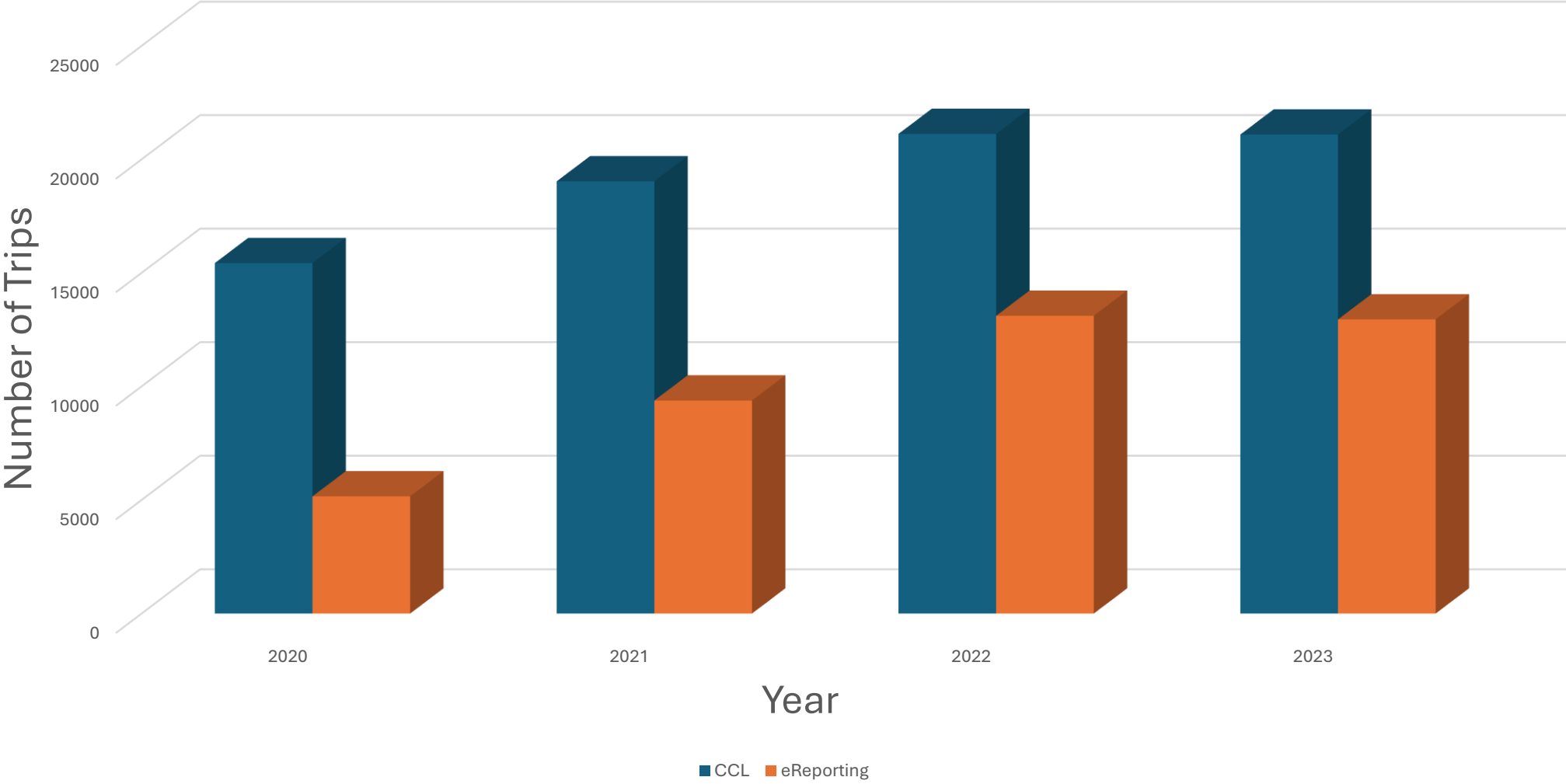
Started to coordinate meetings around PR's Fishing Villages to motivate fishers to use the eReporting application.



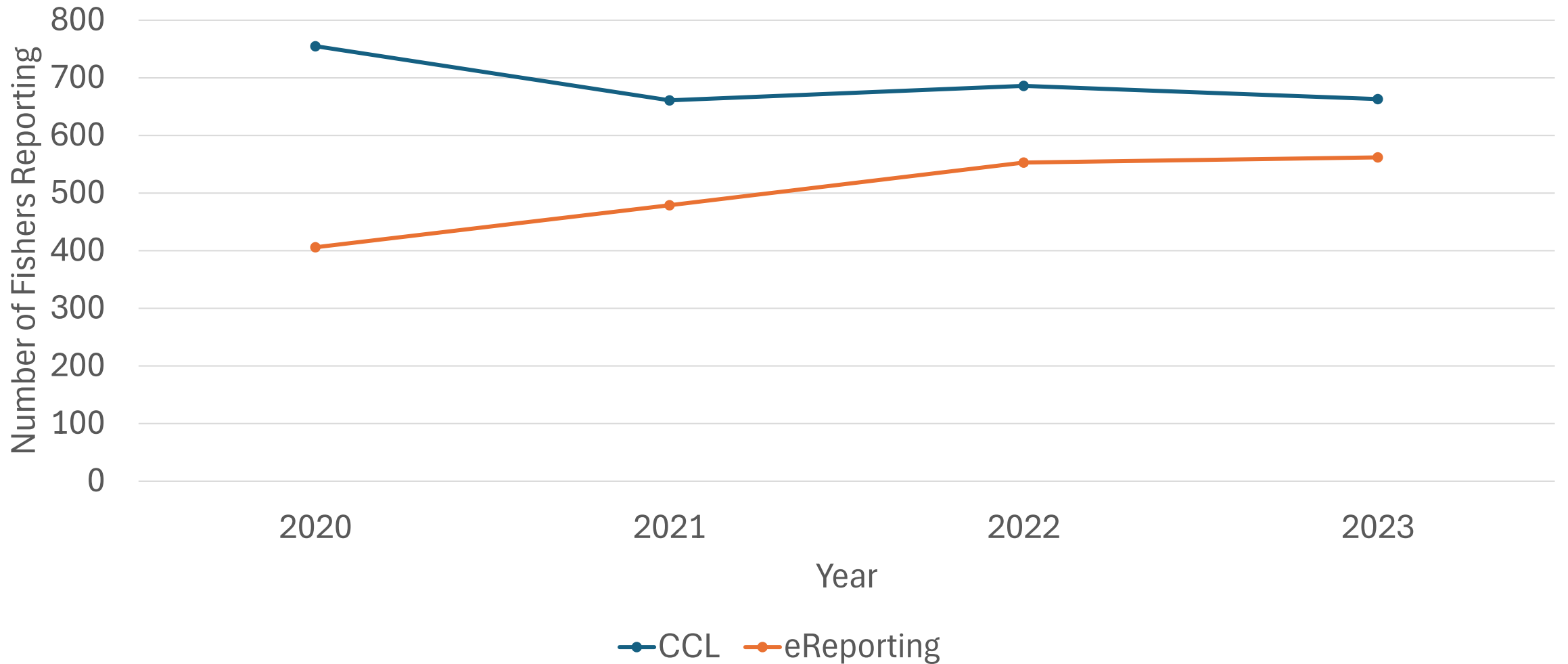
# Commercial Landings Reported in Puerto Rico via CCL (Paper Trip Tickets) and via eReporting (Electronic Trip Ticket) During 2020-23



# Puerto Rico Commercial Landings Number of Trips Reported via CCL (Paper Trip Ticket) and via eReporting (Electronic Trip Ticket) During 2020-23.



# Number of Puerto Rico's Commercial Fishers that Reported via CCL (Paper Trip Ticket) and via eReporting (Electronic Trip Ticket) During 2020-2023.



# eReporting Challenges and Needs for the Near Future

- 1. DNER and NOAA Fisheries must work together to keep eReporting running. The need of “recurrent funds” is fundamental.
- 2. NOAA Fisheries is working to merge eReporting database to CCL/NOAA database. This task has taken over two years. This has proven more complicated work than initially expected.
- 3. eReporting must continue to improve yearly as new fishery needs arise.
- 4. DNER/CFSP must continue to promote and educate commercial fishers to use eReporting.

