Reconstructing Iraq's fisheries: 1950-2010¹

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Abstract

Iraq's fraction of the Persian Gulf waters, surrounding the mouth of the Shatt al-Arab, is tiny, and so are its marine fisheries, which, moreover, have been impacted by a succession of wars over the past few decades. Its fisheries remain underdeveloped and understudied, and hence little documented. Here, Iraqi marine fisheries catches are reconstructed from 1950 to 2010, based on admittedly fragmentary evidence. Overall, the catches reconstructed here are 1.8 times those reported to FAO on behalf of Iraq, and are dominated by unreported catches of hilsa shad (*Tenualosa ilisha*). This study illustrates the need to establish management infrastructure for fisheries monitoring and regulation enforcement, especially in light of the many stocks that are shared with other Persian Gulf countries.

INTRODUCTION

Iraq has the smallest fishing grounds of the Persian Gulf countries, essentially near the mouth of the Shatt al-Arab River, which is formed by the confluence of the Euphrates and Tigris river about 200 km upstream. Thus Iraq's marine fisheries are of minor importance compared to its freshwater fisheries. The marine fisheries are all artisanal in nature, with gillnetting for hilsa shad (*Tenualosa ilisha*), pomfret (*Pampus* spp.), and mullet (*Liza* spp.) being dominant fishing activities, complemented by some traditional dhows operating small trawl nets. Fish supply is relatively low throughout the region and does not meet local demand (Jawad 2006). There are apparently no marine recreational fisheries.

Iraq has one of the richest water resources in the Middle East due to the presence of the Tigris and Euphrates rivers, the smaller Shatt al-Arab and Shatt al-Basrah rivers, and the Mesopotamian marshes. The marshlands serve as nursery

grounds for a number of migratory fish such as the hilsa shad, and also provide important nutrients to the fisheries of the northern Gulf through the Shatt al-Arab River (Jawad 2006).

Between the 1950s and 1990s, large areas of the Mesopotamian marshes were drained, at different times and for different reasons (Al-Yamani et al. 2007). Although the initial draining of the central marshes was intended for land reclamation for agricultural purposes, it later became a political attempt to force Marsh Arabs (Ma'dan people) out of the area through water diversion tactics. The marshes, which have been reduced in extent by over 90%, have long been considered as a refuge for people persecuted by Saddam Hussein's government. Not surprisingly, thousands of fish and waterfowl died as the waters receded (North 1994). In addition, damming naturally flowing rivers reduces freshwater discharge into the sea, leading to reduced nutrient concentration in coastal waters, which consequently diminishes plankton productivity, and in turn, fish landings (Al-Yamani et al. 2007). It is speculated that the damming could also increase the salinity of the northwestern Gulf, raising concerns about jellyfish outbreaks and changes in plankton (and hence fish) community density and distribution (Al-Yamani et al. 2007).

A number of major wars have greatly shaped the country's fisheries. The Iran-Iraq war, which lasted from 1980-1988, presumably led to decreased

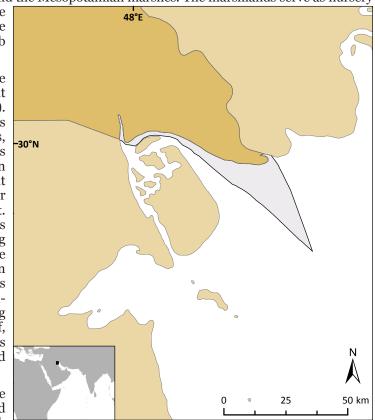


Figure 1. Map of Iraq, showing the extent of its small EEZ (in grey).

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marine fisheries catch, though the lack of detailed records precludes firm inferences (Ali 2001). In addition, the first Gulf War in 1991 led to UN imposed sanctions which implied that areas in the Northern Persian Gulf traditionally exploited by Iraqi fishers could no longer be accessed. Thus, patrols by non-Iraqi forces meant that the Shatt al-Arab waterway and areas around Bubiyan Island and Warba Island (Kuwait) were closed to all forms of fishing. This, combined with other factors (general insecurity and perhaps oil pollution, see below), meant that Iraq's reported catches dropped to near zero in 1991 and 1992.

Several studies were carried out on the impact of the 1991 Gulf War oil spill on fisheries stocks (e.g., Linden *et al.* 2004; Al-Sabbagh and Dashti 2009). Impacts of oil spills tend to be highly variable, affecting food webs, life history cycles, and entire marine ecosystems (Al-Sabbagh and Dashti 2009). In this case, it has been suggested that declines in fish stocks were a result of planktonic larval or egg mortality, not adult mortality because many of the fish species live in depths below the oil slick, and because the warm waters sped up the breakdown of oil (Linden *et al.* 2004).

As the northern Gulf became safer to navigate in 1994-1995, fisheries catches started to recover. However, the funds allocated towards fisheries management and monitoring suffered as a result of the UN sanctions, leading fisheries to be essentially unregulated. The damming of the upper Tigris and Euphrates rivers and the draining of the marshes in the Shatt al-Arab delta also negatively affected marine resources, particularly in the case of the hilsa shad, *Tenuolosa ilisha* (Al-Dubakel 2011).

Following the combats that led to the change of government in 2003, Iraqi fishers began to expand their fishing southward, returning to Bubiyan and Warba Islands, as well as fishing illegally in other parts of Kuwait's Exclusive Economic Zone (EEZ).

While the ichthyofauna of Iraq has been reasonably well documented (<u>www.fishbase.org</u>), there are currently no management plans in place for any of Iraq's fisheries. Detailed catch statistics have not been collected since the early 1990s and no stock assessments have been performed. Thus, the numbers presented here will remain tentative until this situation is addressed.

Corrupt governance and lack of infrastructure have complicated data gathering on Iraqi fisheries. For example, under the former Ba'athist government, the State Organization of Fisheries controlled the administration of freshwater and marine fisheries, including the administration of fishing licenses. As such, they discriminated against non-Ba'ath people, especially Marsh Arabs (Jawad 2006), refusing to issue licenses. In addition, Uday Hussein, the eldest son of Saddam Hussein controlled the most productive areas of the marshlands and demanded payments from fishers in exchange for access (Jawad 2006). Later, the State Organization of Fisheries was dissolved and replaced by a marine fisheries cooperative that only served the Basrah province.

Methods

Iraq reports to FAO only a miscellaneous category called 'marine fishes nei' up until 2003. From 2004 on, catches are also reported for 'hilsa shad, 'mullets' (Family Mugilidae) and '*Penaeus* shrimps'. To improve the taxonomic resolution, taxonomic information from the 2004-2010 time period, as well as information on the species caught in the waters of neighbouring Kuwait, was used to disaggregate the data from 1950-2003. The 'marine fishes nei' category was initially assigned to 76% Mugilidae, 2% Penaeidae, 22% miscellaneous marine fish, which was adapted from relative proportions in the reported data. The miscellaneous marine fish portion was then broken down further; ten percent remained miscellanous marine fish, while the other 90% was assigned to the four most common families found in Kuwait waters (croakers, 40%; groupers, 35%; grunts, 15%; and snappers 10%) (see Kuwait; Al-Abdulrazzak, this volume). These methods were also utilized (with slight adjustments) for the 2004-2010 time period as there was still large amounts of 'marine fishes nei' reported. Note that 'hilsa shad' was not part of the disaggregation breakdown as there was additional information utilized to reconstruct these catches.

Al-Dubakel (2011) reports shad catches from 1990-2007, as well as average percentages of shad catches compared to total catch from 1965-1975 (56.9%), 1990-1992 (38.9%), and 2003-2007 (5.1%). Because Al-Dubakel's total catch estimates are much higher than FAO's over the same time period, and because they were not reported as part of the freshwater catches, we assumed that the shad is not already reported in the miscellaneous marine fishes category and therefore adopted Al-Dubakel's (2011) estimates as unreported 'hilsa shad' catch.

Iraq's coastline is very short (Figure 1) and only 0.001% of the population of Iraq lives within 10 km of the coast. We assume a conservative subsistence catch rate of 500 g/person/week (i.e., the equivalent of two servings per week) and apply this to the derived coastal population from 1950-2010. We used the 2004-2010 FAO data (excluding shrimp) as a guideline to derive a subsistence breakdown (approximately 44% *Tenualosa ilisha*, 32% miscenalleous marine fish, and 24% Mugilidae).

A number of accounts exist of significant illegal fishing by Iraqi trawlers and gillnetters in Kuwait's and Iran's EEZs (e.g., De Young 2006; Al-Saadoun 2012; Saleh 2012). We estimated illegal fishing in Kuwait's EEZ to be 10% of reported catches for the years 2003-2010, and disaggregated it into shrimp (Penaeidae, 5%), pomfret (*Pampus*)

argenteus, 2%), shad (*Tenualosa ilisha*, 2%), and mullet (Mugilidae, 1%). For illegal fishing in Iran, we estimate catches to be 3% of reported and apply the same species composition ratios used for catches in Kuwait.

Finally, we apply a bycatch ratio (15:1) to reported, estimated and illegal Iraqi shrimp catches, of which 98% of the fish is discarded and only 2% is retained (as miscellaneous marine fishes), derived from the nearby Kuwait shrimp fishery (Ye *et al.* 2000). We also applied the same species composition from Kuwait to the discards.

Results and discussion

Data supplied to FAO offer poor taxonomic resolution and omit illegal catches and shrimp discards. After incorporating these components in our reconstruction, our catch estimates over the 1950-2010 time period are 1.8 times what is reported to FAO (Figure 2a; Appendix Table A1). We predict that our reconstructed catches are likely to be an underestimate, as without more information on fishing practices in Iraq, our assumptions were conservative.

Since shrimp stocks are shared with Iran and Kuwait, the unregulated and illegal trawling may impact landings in these countries. Iraqi vessels are landing significant quantities of shrimp, particularly species that have not been previously landed in Iraq in these large quantities (Al-Dubakel 2011). Catches from Iran and Kuwait waters (2003-2010) were estimated to be 3% and 10%, respectively, of the total reonstructed catch from 1950-2010.

Discards are likely present from more than just the shrimp fishery, but scant information exists, and is therefore difficult to quantify. In Iraq, the majority of fishermen are Shiite Muslims who therefore do not consume fish without scales visible to the naked eye. Therefore, bycatch species such as *Muraenesox cinereus, Arius thalassinus,* and *Trichiurus lepturus* are discarded back to sea (Jawad 2006). Discards made up 26% of the total estimated catch.

The main species of Iraq's marine fisheries were Mugilidae (39%), *Tenualosa ilisha* (17%), *Arius thalassinus* (8%), Sciaenidae (5%), and *Epinephelus*

spp. (5%) (Figure 2b; Appendix Table A2).

Jawad (2006) suggests that regulating access may be more than implementing effective catch or effort controls. Due to the remoteness of certain areas in the marshlands, and because most fishers make their own gear, size and gear control are difficult to implement. Concerns have also been raised concerning oil pollution and runoff from industrial and household wastes (Al-Dubakel 2011). Oil spills are commonly seen along the Shatt Al-Arab, particularly from the Abu Flous port (Al-Dubakel 2011).

A number of major challenges hinder Iraq's ability to manage its fisheries. First, infrastructure for fisheries management and monitoring needs to be rebuilt. Enforcement of existing and new fisheries legislature cannot be implemented otherwise. Second, marine habitat degradation, particularly the draining of the marshes, must be addressed. Finally, and perhaps most importantly, Iraq should be incorporated into regional fisheries management plans since many stocks are shared with other Gulf countries.

The management of Iraq's marine fisheries has deteriorated

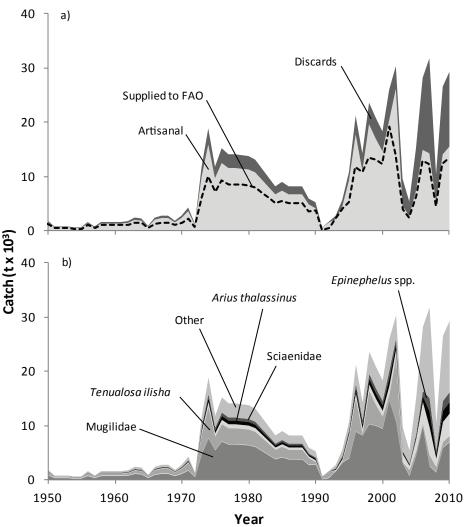


Figure 2. Total reconstructed catch for Iraq, 1950-2010, by a) sector (with comparison to FAO), and b) major taxa. Note that subsistence catches were included in the sector graph (a) but are not visible (too small).

significantly since 2003, while increased fishing effort (and a corresponding increase in landings) has occurred during the same time. This does not bode well for the long-term sustainability of the country's fisheries. It is clear that unregulated fishing of shared fish and shrimp stocks of the northern Gulf must be brought under control.

Acknowledgements

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References

- Al-Dubakel AY (2011) Commercial fishing and marketing of hilsa shad *Tenualosa ilisha* (Hamilton-Buchanon, 1822) in Basrah-Southern Iraq. Emirates Journal of Food and Agriculture 23(2): 178-186.
- Al-Saadoun H (2012) Iraqi fishing boat stopped. Kuwait Times, edition of March 24. Available at: <u>http://news.kuwaittimes.net/2012/03/24/iraqi-fishing-boat-stopped</u>.
- Al-Sabbagh T and Dashti J (2009) Post-invasion status of Kuwait's fin-fish and shrimp fisheries (1991-1992). World Journal of Fish and Marine Sciences 1(2): 94-96.
- Al-Yamani FY, Bishop JM, Al-Rifaie K and Ismail W (2007) The effects of the river diversion, Mesopotamian marsh drainage and restoration, and river damming on the marine environment of the northwestern Arabian Gulf. Aquatic Ecosystem Health & Management 10(3): 277-289.
- Ali TS (2001) Effects of shrimp trawlers on the fisheries status and environment of the northwest Arabian Gulf. Acta Ichthyologica et Piscatoria 31(2): 77-86.
- De Young C, editor (2006) Review of the state of world marine capture fisheries management: Indian Ocean. FAO fisheries Tehnical Paper 488. Food and Agriculture Organization of the United Nations (FAO), Rome. viii+458 p.
- Jawad LA (2006) Fishing gear and methods of the lower Mesopotamian Plain with reference to fishing management. Marina Mesopotamica 1(1): 1-37.
- Linden O, Jernelov A and Egerup J (2004) The environmental impacts of the Gulf War 1991. Interim Reports, International Institute for Applied Systems Analysis (IIASA). xi+82 p. Available at: <u>http://webarchive.iiasa.</u> <u>ac.at/Admin/PUB/Documents/IR-04-019.pdf</u> [Accessed: November 15, 2012].
- North A (1994) Saddam drains life from Arab marshes: Scientists fear Iraq's historic wetlands face destruction in 10 to 20 years, says Andrew North. The Independent, edition of May 17.
- Saleh A (2012) Iraq claims five more fishermen captured in Kuwait. Kuwait Times, edition of April 27. Available at: <u>http://news.kuwaittimes.net/2012/03/24/iraqi-fishing-boat-stopped</u>.
- Ye YM, Alsaffar AH and Mohammed HMA (2000) Bycatch and discards of the Kuwait shrimp fishery. Fisheries Research 45(1): 9-19.

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1964 $1,400$ $2,300$ $1,880$ 2 410 1965 500 940 790 2 150 1966 $1,500$ $2,810$ $2,360$ 2 440 1968 $1,500$ $2,810$ $2,360$ 2 440 1969 $1,000$ $1,870$ $1,580$ 2 290 1970 $1,500$ $2,810$ $2,360$ 3 440 1971 $2,300$ $4,300$ $3,620$ 3 680 1972 700 $1,310$ $1,100$ 3 $2,10$ 1974 $10,100$ $18,880$ $15,910$ 3 $2,970$ 1975 $7,200$ $11,810$ $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,530$ 1978 $8,600$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $13,120$ $10,770$ 4 $2,350$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1982 $7,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1986 $5,000$ $8,200$	1963	1,500	2,460	2,020	2	440
1965500940790215019661,3002,4302,050238019671,5002,8102,360244019681,5002,8102,360224019701,5002,8102,360344019712,3004,3003,620368019727001,3101,100321019736,30011,7809,92031,850197410,10018,88015,91032,73019757,20011,8109,69032,12019769,28315,23012,49032,73019778,60114,11011,58032,53019788,60014,11011,58032,53019808,40013,78011,31042,47019818,00013,12010,77042,35019825,5009,0207,40041,62019836,0008,2006,73041,47019865,0008,2006,73041,47019875,0008,2006,73041,47019865,0008,2006,73041,47019855,5009,0207,40041,06019903,7545,2804,18051,100199112567063054001992543 <td>1964</td> <td>1,400</td> <td>2,300</td> <td>1,880</td> <td>2</td> <td>410</td>	1964	1,400	2,300	1,880	2	410
19671,5002,8102,360244019681,5002,8102,360244019701,5002,8102,360344019712,3004,3003,620368019727001,3101,100321019736,30011,7809,92031,850197410,10018,88015,91032,73019757,20011,8109,69032,12019769,28315,23012,49032,53019778,60114,11011,58032,53019788,60013,94011,44032,50019808,40013,78011,31042,47019818,00013,12010,77042,35019827,00011,4809,42042,06019836,0009,8408,08041,62019855,5009,0207,40041,62019865,0008,2006,73041,47019855,5009,0207,30041,47019865,0008,2006,73041,47019875,0008,2006,73041,47019885,0008,2006,73041,47019845,0008,2006,73041,47019855,5009,0207,76053,4401	1965	500		790	2	150
1967 $1,500$ $2,810$ $2,360$ 2 440 1968 $1,500$ $2,810$ $2,360$ 2 440 1970 $1,500$ $2,810$ $2,360$ 3 440 1971 $2,300$ $4,300$ $3,620$ 3 680 1972 700 $1,310$ $1,100$ 3 210 1973 $6,300$ $11,780$ $9,920$ 3 $1,850$ 1974 $10,100$ $18,880$ $15,910$ 3 $2,730$ 1975 $7,200$ $11,810$ $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,530$ 1978 $8,600$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $13,940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1983 $6,000$ $9,200$ $7,400$ 4 $1,620$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1984 $5,000$ <td>1966</td> <td>1,300</td> <td>2,430</td> <td>2,050</td> <td>2</td> <td>380</td>	1966	1,300	2,430	2,050	2	380
19681,5002,8102,360244019691,0001,8701,580229019701,5002,8102,360344019712,3004,3003,620368019727001,3101,100321019736,30011,7809,92031,850197410,10018,88015,91032,97019757,20011,8109,69032,12019769,28315,23012,49032,53019778,60114,11011,58032,53019788,60013,94011,44032,50019808,40013,78011,31042,47019818,00013,12010,77042,35019827,0008,2006,73041,47019855,5009,0207,40041,62019865,0008,2006,73041,47019875,0008,2006,73041,47019885,0008,2006,73041,47019885,0008,2006,73041,47019885,0008,2006,73041,47019893,6175,9404,87041,06019903,7545,2804,18051,10019911256706305401992 <t< td=""><td>1967</td><td>1,500</td><td>2,810</td><td></td><td>2</td><td>440</td></t<>	1967	1,500	2,810		2	440
1969 $1,000$ $1,870$ $1,580$ 2 290 1970 $1,500$ $2,810$ $2,360$ 3 440 1971 $2,300$ $4,300$ $3,620$ 3 680 1972 700 $1,310$ $1,100$ 3 210 1973 $6,300$ $11,780$ $9,920$ 3 $1,850$ 1974 $10,100$ $18,880$ $15,910$ 3 $2,970$ 1975 $7,200$ $11,810$ $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,530$ 1978 $8,600$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $13,940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,220$ $10,770$ 4 $2,350$ 1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,470$ 1985 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 5 $1,240$ 1999 $3,617$ <		1,500	2,810		2	440
1970 $1,500$ $2,810$ $2,360$ 3 440 1971 $2,300$ $4,300$ $3,620$ 3 680 1972 700 $1,310$ $1,100$ 3 210 1973 $6,300$ $11,780$ $9,920$ 3 $1,850$ 1974 $10,100$ $18,880$ $15,910$ 3 $2,970$ 1975 $7,200$ $11,810$ $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,730$ 1977 $8,601$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $13,1940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 400 1992 $5,253$ <t< td=""><td>1969</td><td></td><td>1,870</td><td>1,580</td><td></td><td>290</td></t<>	1969		1,870	1,580		290
1971 $2,300$ $4,300$ $3,620$ 3 680 1972 700 $1,310$ $1,100$ 3 210 1973 $6,300$ $11,780$ $9,920$ 3 $1,850$ 1974 $10,100$ $18,880$ $15,910$ 3 $2,970$ 1975 $7,200$ $11,810$ $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,730$ 1977 $8,601$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $13,940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $1,248$			2,810		3	
19727001,3101,1003210 1973 6,30011,7809,92031,850 1974 10,10018,88015,91032,970 1975 7,20011,8109,69032,120 1976 9,28315,23012,49032,530 1977 8,60114,11011,58032,500 1978 8,60013,94011,44032,500 1980 8,40013,78011,31042,470 1981 8,00013,12010,77042,350 1982 7,00011,4809,42042,060 1983 6,0009,8408,08041,470 1984 5,0008,2006,73041,470 1985 5,5009,0207,40041,620 1984 5,0008,2006,73041,470 1985 5,0008,2006,73041,470 1987 5,0008,2006,73041,470 1988 5,0008,2006,73041,470 1988 5,0008,2006,73041,470 1999 3,7545,2804,18051,100 1991 125670630540 1992 5431,7101,5505630 1994 4,2215,6904,45051,240 1995 5,25310,8309,280<	1971	2,300				680
1973 $6,300$ $11,780$ $9,920$ 3 $1,850$ 1974 $10,100$ $18,880$ $15,910$ 3 $2,970$ 1975 $7,200$ $11,810$ $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,730$ 1977 $8,601$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $14,110$ $11,580$ 3 $2,530$ 1979 $8,500$ $13,940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1999 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $13,683$	1972	700	1,310			210
1974 $10,100$ $18,880$ $15,910$ 3 $2,970$ 1975 $7,200$ $11,810$ $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,730$ 1977 $8,601$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $13,1940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $16,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 420 1992 $5,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $3,440$ 1997 $10,$	1973	6,300				
1975 $7,200$ 11,810 $9,690$ 3 $2,120$ 1976 $9,283$ $15,230$ $12,490$ 3 $2,730$ 1977 $8,601$ $14,110$ $11,580$ 3 $2,530$ 1978 $8,600$ $14,110$ $11,580$ 3 $2,530$ 1979 $8,500$ $13,940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,470$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 $3,440$ 1996 $11,688$ $21,200$ $17,760$ 5 <td>1974</td> <td></td> <td></td> <td></td> <td></td> <td></td>	1974					
19769,28315,23012,49032,730 1977 8,60114,11011,58032,530 1978 8,60014,11011,58032,530 1979 8,50013,94011,44032,500 1980 8,40013,78011,31042,470 1981 8,00013,12010,77042,350 1982 7,00011,4809,42042,060 1983 6,0009,8408,08041,760 1984 5,0008,2006,73041,470 1985 5,5009,0207,40041,620 1986 5,0008,2006,73041,470 1987 5,0008,2006,73041,470 1988 5,0008,2006,73041,470 1988 5,0008,2006,73041,470 1989 3,6175,9404,87041,060 1990 3,7545,2804,18051,100 1991 125670630540 1992 5,431,7101,5505160 1993 2,1332,7802,1505630 1994 4,2215,6904,45051,240 1995 5,25310,8309,28051,540 1999 13,09320,83016,97063,850200012,38918,31014,	1975	7,200	11,810		3	
1977 $8,601$ 14,110 $11,580$ 3 $2,530$ 1978 $8,600$ 14,11011,580 3 $2,530$ 1979 $8,500$ 13,94011,440 3 $2,500$ 1980 $8,400$ 13,78011,310 4 $2,470$ 1981 $8,000$ 13,12010,770 4 $2,350$ 1982 $7,000$ 11,480 $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991125 670 630 5 1240 1992 543 $1,710$ $1,550$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ <	1976	9,283	15,230	12,490	3	2,730
1978 $8,600$ 14,110 $11,580$ 3 $2,530$ 1979 $8,500$ $13,940$ $11,440$ 3 $2,500$ 1980 $8,400$ $13,780$ $11,310$ 4 $2,470$ 1981 $8,000$ $13,120$ $10,770$ 4 $2,350$ 1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$	1977	8,601	14,110	11,580	3	2,530
1979 $8,500$ 13,94011,4403 $2,500$ 1980 $8,400$ 13,78011,3104 $2,470$ 1981 $8,000$ 13,12010,7704 $2,350$ 1982 $7,000$ 11,480 $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $1,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ <td>1978</td> <td>8,600</td> <td>14,110</td> <td>11,580</td> <td>3</td> <td></td>	1978	8,600	14,110	11,580	3	
1980 $8,400$ 13,780 $11,310$ 4 $2,470$ 1981 $8,000$ 13,12010,770 4 $2,350$ 1982 $7,000$ 11,480 $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6	1979					
1982 $7,000$ $11,480$ $9,420$ 4 $2,060$ 1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,640$ 2000 $12,389$ $18,310$ $14,660$ 6 $5,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7	1980	8,400		11,310	4	2,470
1983 $6,000$ $9,840$ $8,080$ 4 $1,760$ 1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,470$ 1985 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$	1981	8,000	13,120	10,770	4	2,350
1984 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1985 $5,500$ $9,020$ $7,400$ 4 $1,620$ 1986 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7	1982	7,000	11,480	9,420	4	2,060
19855,5009,0207,40041,62019865,0008,2006,73041,47019875,0008,2006,73041,47019885,0008,2006,73041,47019893,6175,9404,87041,06019903,7545,2804,18051,100199112567063054019925431,7101,550516019932,1332,7802,150563019944,2215,6904,45051,24019955,25310,8309,28051,540199611,68821,20017,76053,440199710,78314,27011,10063,170199813,46323,61019,64063,960199913,09320,83016,97063,850200012,38918,31014,66063,640200119,20025,97020,32065,640200214,10030,34026,18074,15020034,0009,6304,62075,00020042,3555,4102,72072,69020056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,470 </td <td>1983</td> <td>6,000</td> <td>9,840</td> <td>8,080</td> <td>4</td> <td>1,760</td>	1983	6,000	9,840	8,080	4	1,760
19865,000 $8,200$ $6,730$ 4 $1,470$ 1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 630 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ <td< td=""><td>1984</td><td>5,000</td><td>8,200</td><td>6,730</td><td>4</td><td>1,470</td></td<>	1984	5,000	8,200	6,730	4	1,470
1987 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,246$ $26,570$ $14,090$ </td <td>1985</td> <td>5,500</td> <td>9,020</td> <td>7,400</td> <td>4</td> <td>1,620</td>	1985	5,500	9,020	7,400	4	1,620
1988 $5,000$ $8,200$ $6,730$ 4 $1,470$ 1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$	1986	5,000	8,200	6,730	4	1,470
1989 $3,617$ $5,940$ $4,870$ 4 $1,060$ 1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991 125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,0$	1987	5,000	8,200	6,730	4	1,470
1990 $3,754$ $5,280$ $4,180$ 5 $1,100$ 1991125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,960$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,090$ 8 $12,470$	1988	5,000	8,200	6,730	4	1,470
1991125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,090$ 8 $12,470$	1989	3,617	5,940	4,870	4	1,060
1991125 670 630 5 40 1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,090$ 8 $12,470$	1990	3,754	5,280	4,180	5	1,100
1992 543 $1,710$ $1,550$ 5 160 1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,090$ 8 $12,470$	1991	125	670	630	5	40
1993 $2,133$ $2,780$ $2,150$ 5 630 1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,090$ 8 $12,470$	1992			1,550	5	160
1994 $4,221$ $5,690$ $4,450$ 5 $1,240$ 1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,090$ 8 $12,470$	1993		2,780		5	
1995 $5,253$ $10,830$ $9,280$ 5 $1,540$ 1996 $11,688$ $21,200$ $17,760$ 5 $3,440$ 1997 $10,783$ $14,270$ $11,100$ 6 $3,170$ 1998 $13,463$ $23,610$ $19,640$ 6 $3,960$ 1999 $13,093$ $20,830$ $16,970$ 6 $3,850$ 2000 $12,389$ $18,310$ $14,660$ 6 $3,640$ 2001 $19,200$ $25,970$ $20,320$ 6 $5,640$ 2002 $14,100$ $30,340$ $26,180$ 7 $4,150$ 2003 $4,000$ $9,630$ $4,620$ 7 $5,000$ 2004 $2,355$ $5,410$ $2,720$ 7 $2,690$ 2005 $6,359$ $15,160$ $7,350$ 7 $7,810$ 2006 $12,959$ $28,170$ $14,910$ 7 $13,250$ 2007 $12,319$ $31,760$ $14,280$ 7 $17,470$ 2008 $4,486$ $10,430$ $5,180$ 8 $5,240$ 2009 $12,246$ $26,570$ $14,090$ 8 $12,470$	1994	4,221		4,450	5	1,240
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		5,253		9,280		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1996	11,688	21,200	17,760	5	3,440
199813,46323,61019,64063,960199913,09320,83016,97063,850200012,38918,31014,66063,640200119,20025,97020,32065,640200214,10030,34026,18074,15020034,0009,6304,62075,00020042,3555,4102,72072,69020056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470	1997	10,783	14,270		6	3,170
200012,38918,31014,66063,640200119,20025,97020,32065,640200214,10030,34026,18074,15020034,0009,6304,62075,00020042,3555,4102,72072,69020056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470				19,640		3,960
200012,38918,31014,66063,640200119,20025,97020,32065,640200214,10030,34026,18074,15020034,0009,6304,62075,00020042,3555,4102,72072,69020056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470	1999	13,093		16,970		3,850
200214,10030,34026,18074,15020034,0009,6304,62075,00020042,3555,4102,72072,69020056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470	2000	12,389		14,660	6	3,640
200214,10030,34026,18074,15020034,0009,6304,62075,00020042,3555,4102,72072,69020056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470		19,200	25,970	20,320	6	5,640
20042,3555,4102,72072,69020056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470	2002	14,100	30,340	26,180		4,150
20056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470			,	4,620		5,000
20056,35915,1607,35077,810200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470	2004	2,355	5,410	2,720	7	2,690
200612,95928,17014,910713,250200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470	2005	6,359	15,160	7,350	7	7,810
200712,31931,76014,280717,47020084,48610,4305,18085,240200912,24626,57014,090812,470	2006		28,170	14,910	7	13,250
20084,48610,4305,18085,240200912,24626,57014,090812,470	2007	12,319				
2009 12,246 26,570 14,090 8 12,470	2008		10,430		8	5,240
2010 13,490 29,300 15,520 8 13,770		12,246	26,570			12,470
	2010	13,490	29,300	15,520	8	13,770

Appendix Table A1. FAO landings vs. total reconstructed catch (t) for Iraq, 1950-2010, as well as catch by sector.

Year Muglildae Tenuclosa ilisha Arius thalassinus Sciaenidae Epinephelus Others* 1950 910 409 110 100 83 360 1951 380 171 40 40 35 150 1953 380 171 40 40 35 150 1954 300 137 40 30 28 120 1955 300 137 40 30 28 120 1955 300 137 40 40 35 150 1958 760 341 90 80 69 300 1950 760 341 90 80 69 300 1961 760 341 90 80 69 300 1964 1,060 477 120 110 97 430 1964 1,60 477 120 104 460 1976	Appendix Table A2. Total reconstructed catch (t) for Iraq by major taxa, 1950-2010.									
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Appendix Table A2. Total reconstructed catch (t) for Iraq by major taxa, 1950-2010.