

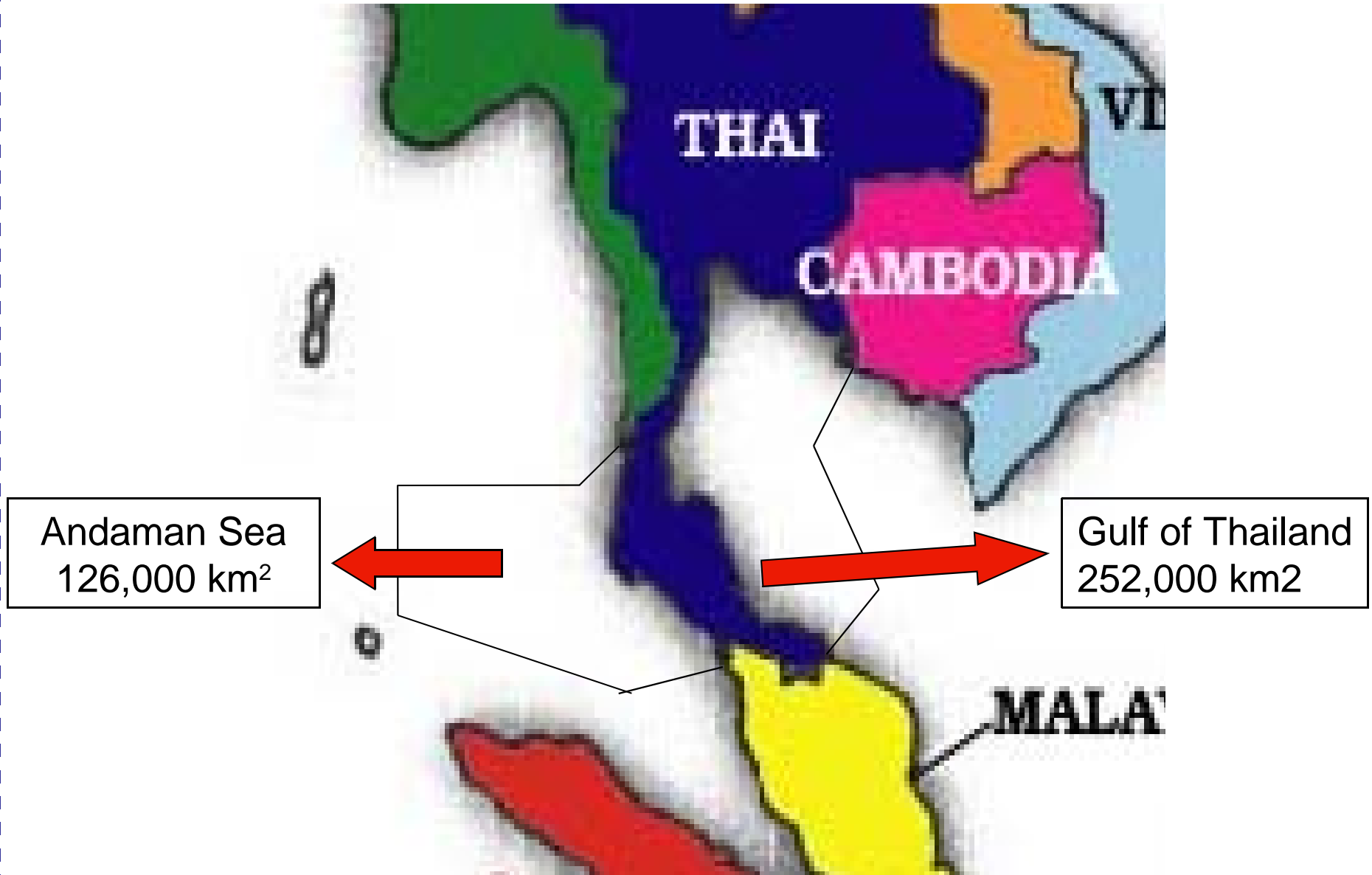
Status of sea safety programmes for small-scale and commercial Fishermen in Thailand and Southeast Asia

By

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Fishing area in Thailand



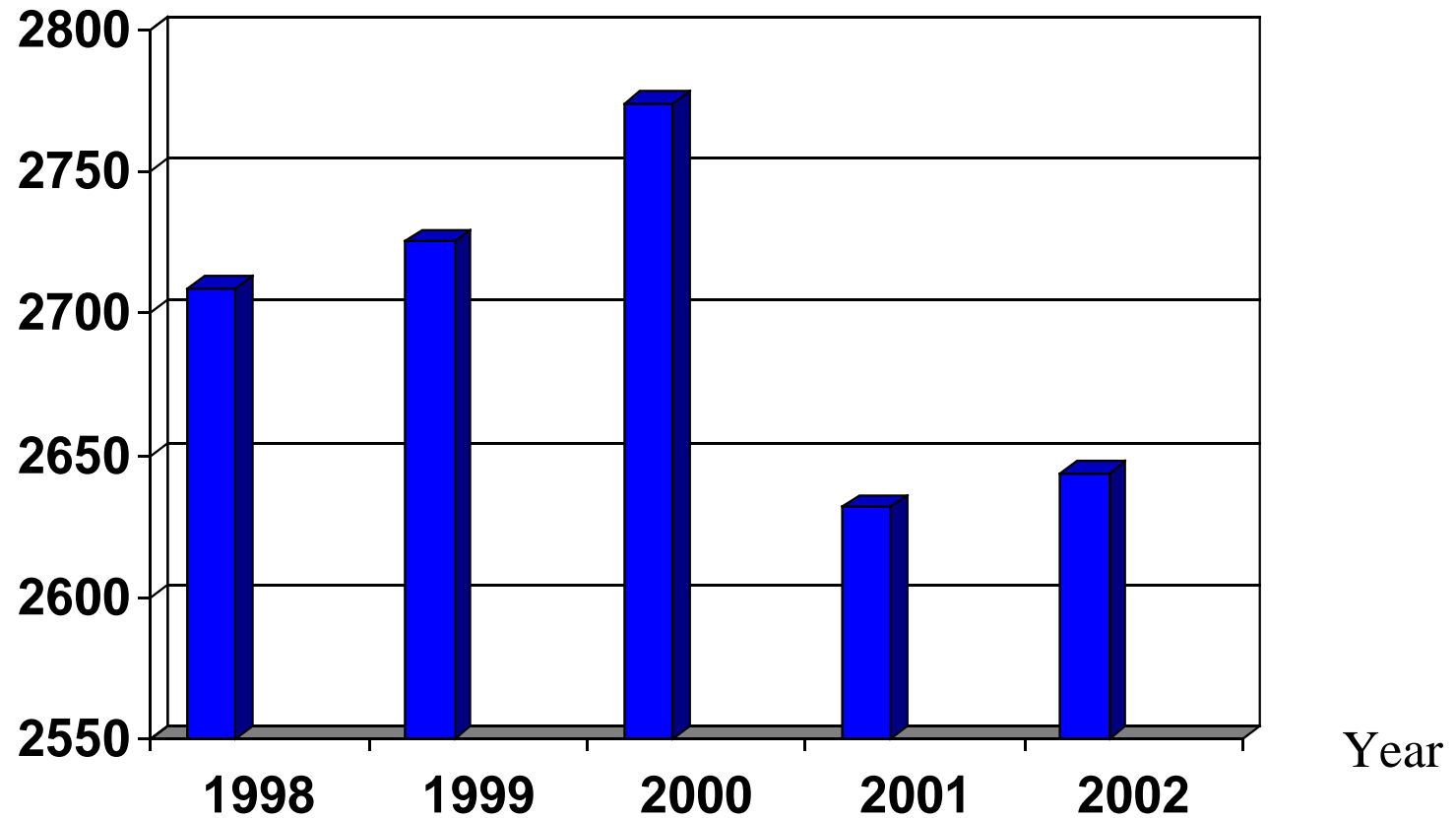
Marine Capture Production

Year	Catch of Marine fishery (Unit : 1,000 Ton)	Quantity of Export (Quantity :Ton)	Value of export (Value : Million Baht)
1998	2,709.0	1,312,250	176,311.0
1999	2,725.2	1,394,104	165,718.1
2000	2,773.7	1,356,734	185,750.4
2001	2,631.7	1,398,997	190,900.6
2002	2,643.7	1,449,959	169,186.4

Source: Fisheries Statistics of Thailand 2002, DOF (Thailand)

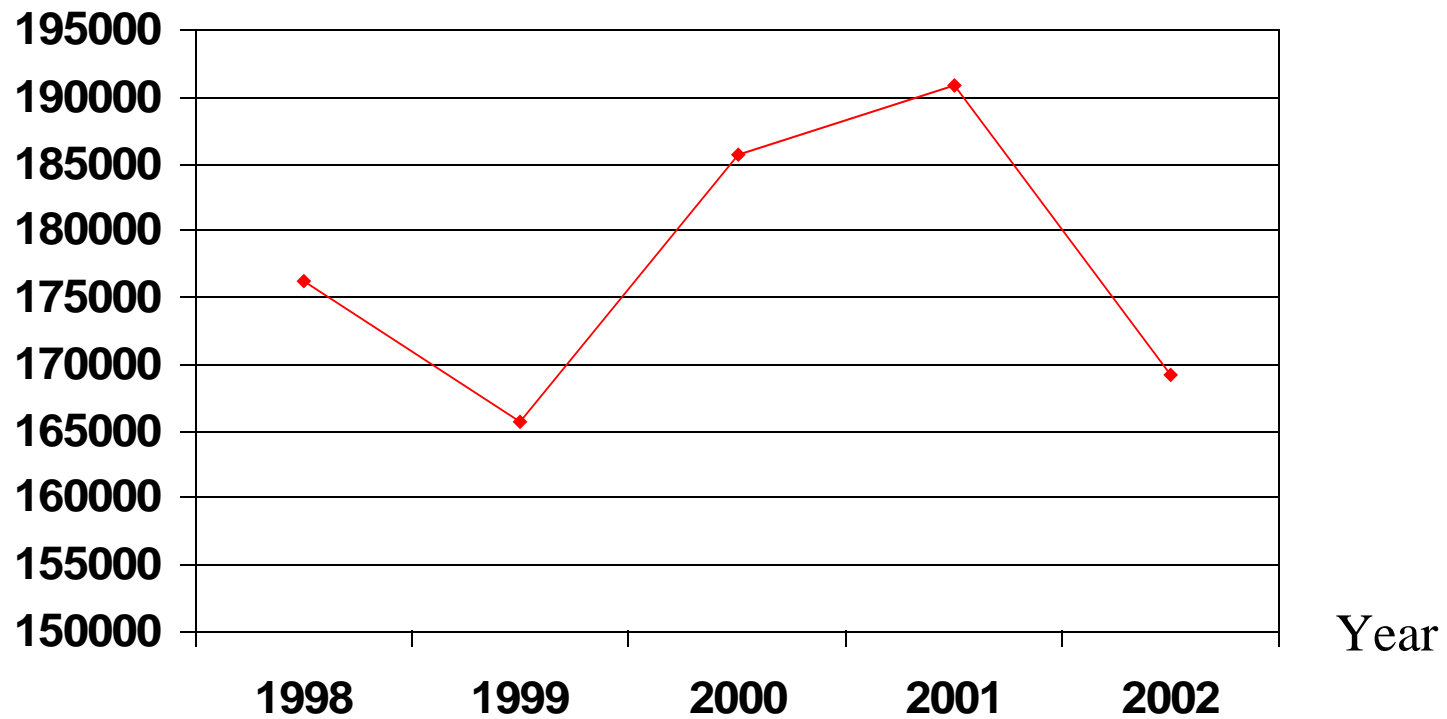
Catch of Marine fishery

1,000 Ton



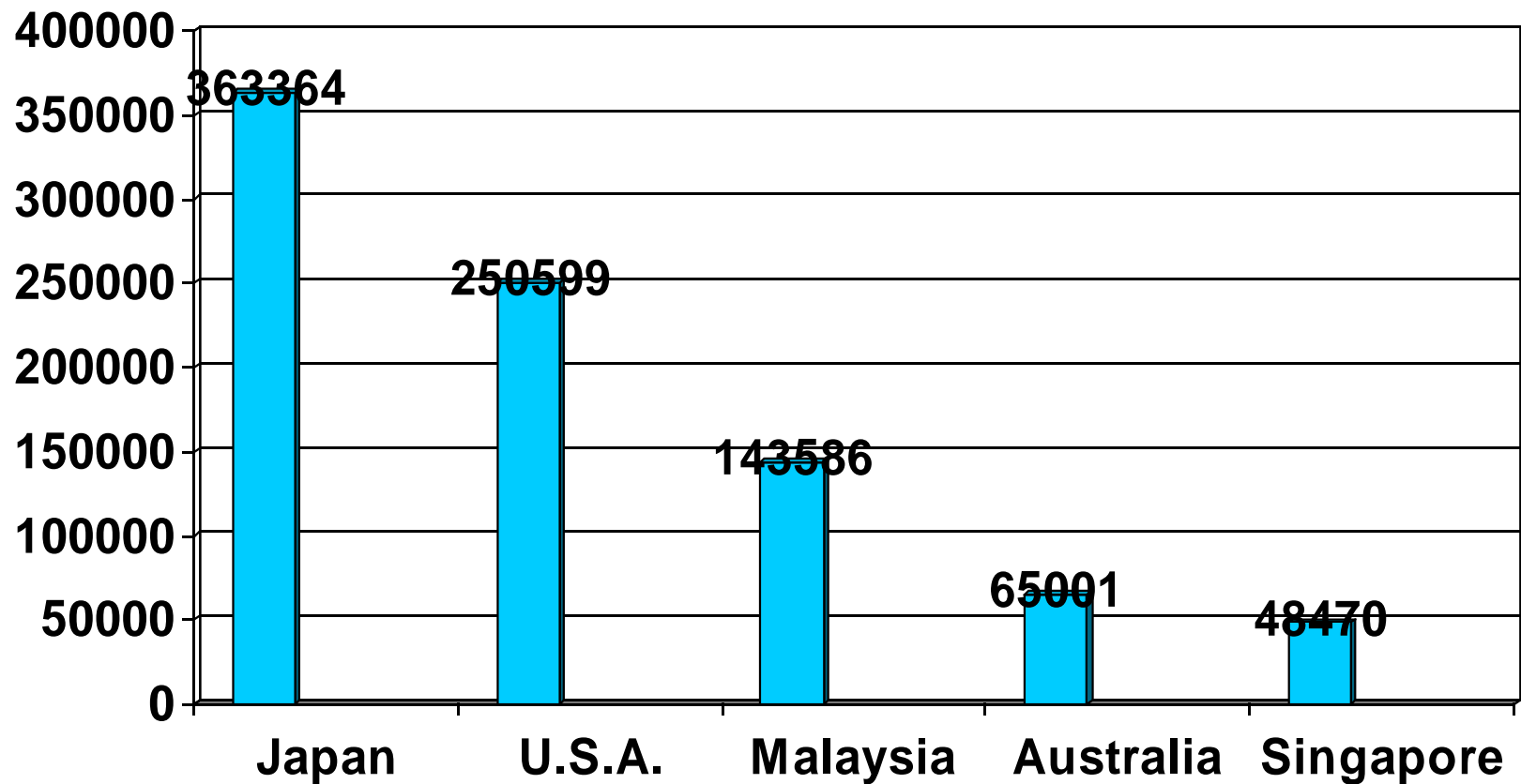
Value of Export

Million Baht



Top Five of Import Country Fishery Product from Thailand in 2002

Unit : Ton



Source: Fisheries Statistic of Thailand 2002

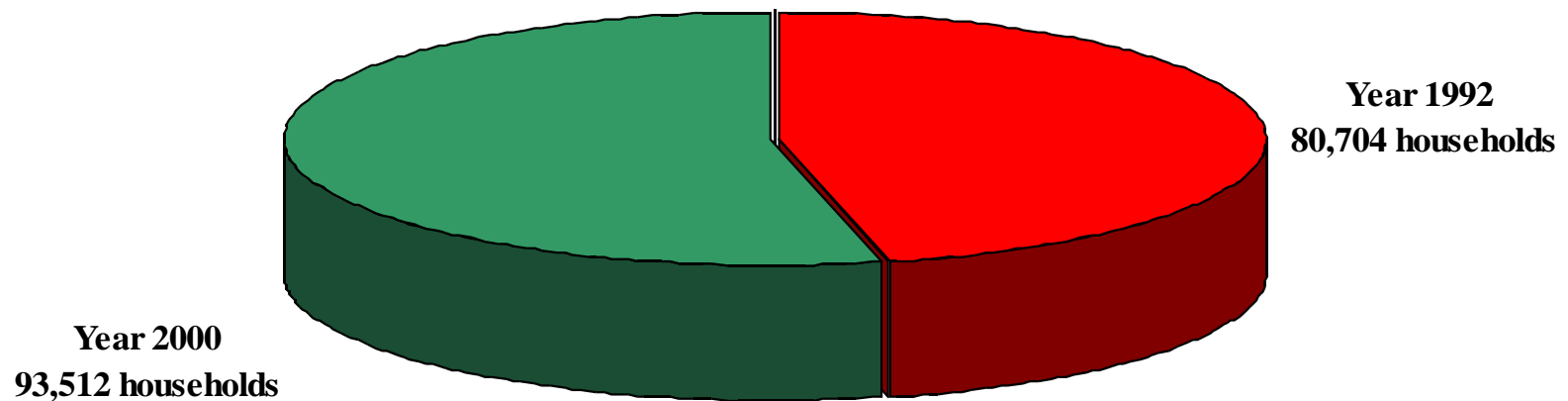
Fisherman Categorized

Country	Small-scale Fisherman	Commercial Fisherman
THAILAND	Operation with boat of less than 5 GT	Operation with boat of more than 5 GT
BRUNEI	Operation in all fishing area but concentrating in shore line out to 3 nm	Operation in fishing area from 3 nm to EEZ limit
CAMBODIA	Operation from shore line out to 20 m depth and use engine 5 HP to 50 HP	More than 50 HP and operation from 20 m depth to EEZ limit
INDONESIA	Outboard and inboard engine (10 HP to 25 GT), operation from shore out line to 7 nm	Engine more than 200 HP and operation from 12 nm to EEZ limit

Fisherman Categorized

Country	Small-scale Fisherman	Commercial Fisherman
MALAYSIA	Traditional fishing gear with boats less than 10 GT, operation in all fishing area but concentrating in shore line out to 5 nm	Operation with boat of more than 10 GT, operation in fishing area from 5 nm to EEZ limit
MYANMAR	Operation from shore line out to 5 nm in the northern and 10 nm in the southern area, boat less than 30 feet or using less than 12 HP	Operation from outer limit of small scale to EEZ limit, boat more that 30 feet or using more than 10 HP
PHILIPPINES	Boat of less than 3 GT, operation from shore to EEZ limit	Boat 3.1 to more than 150 GT, operation from 10.1 km to EEZ limit
VIETNAM	Boat with no engine and with engine less than 40 HP	Boat with engine more than 40 HP

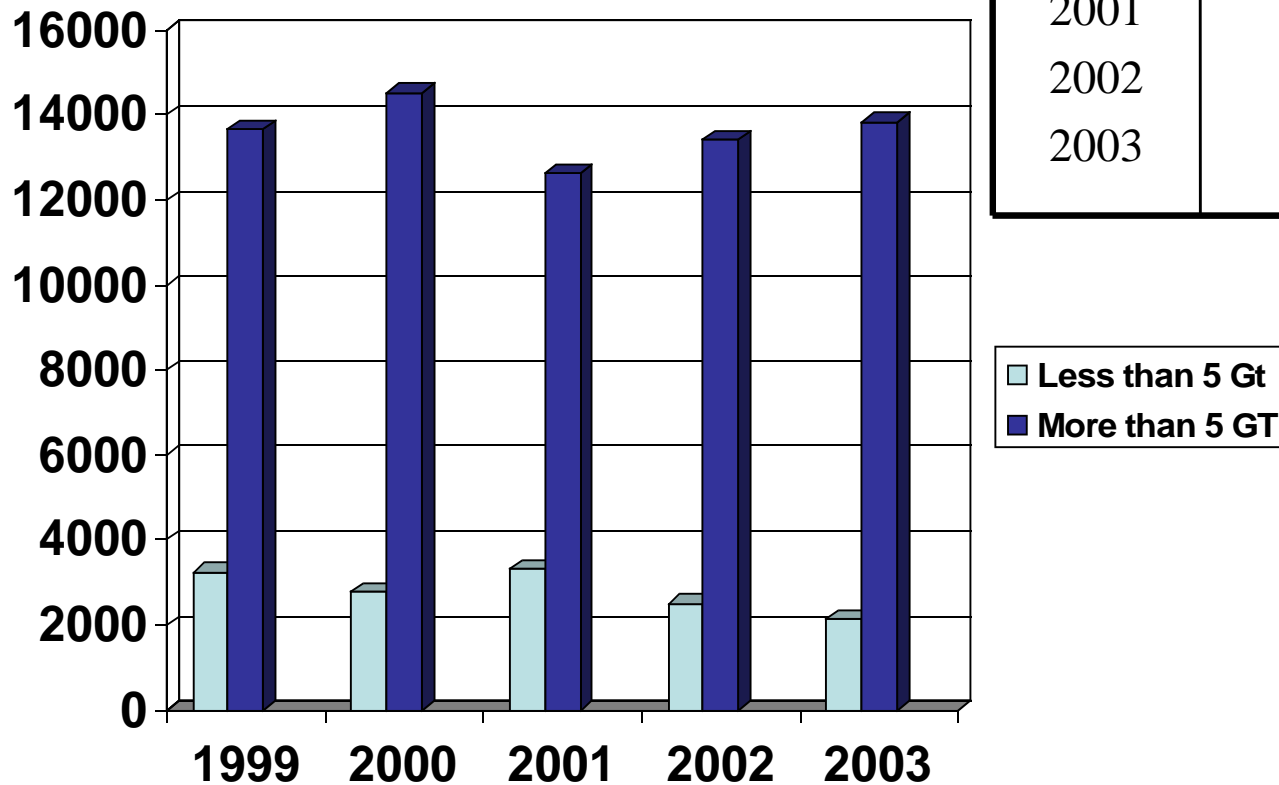
Fishermen household census in 1992 and 2000



Source: www.nso.go.th

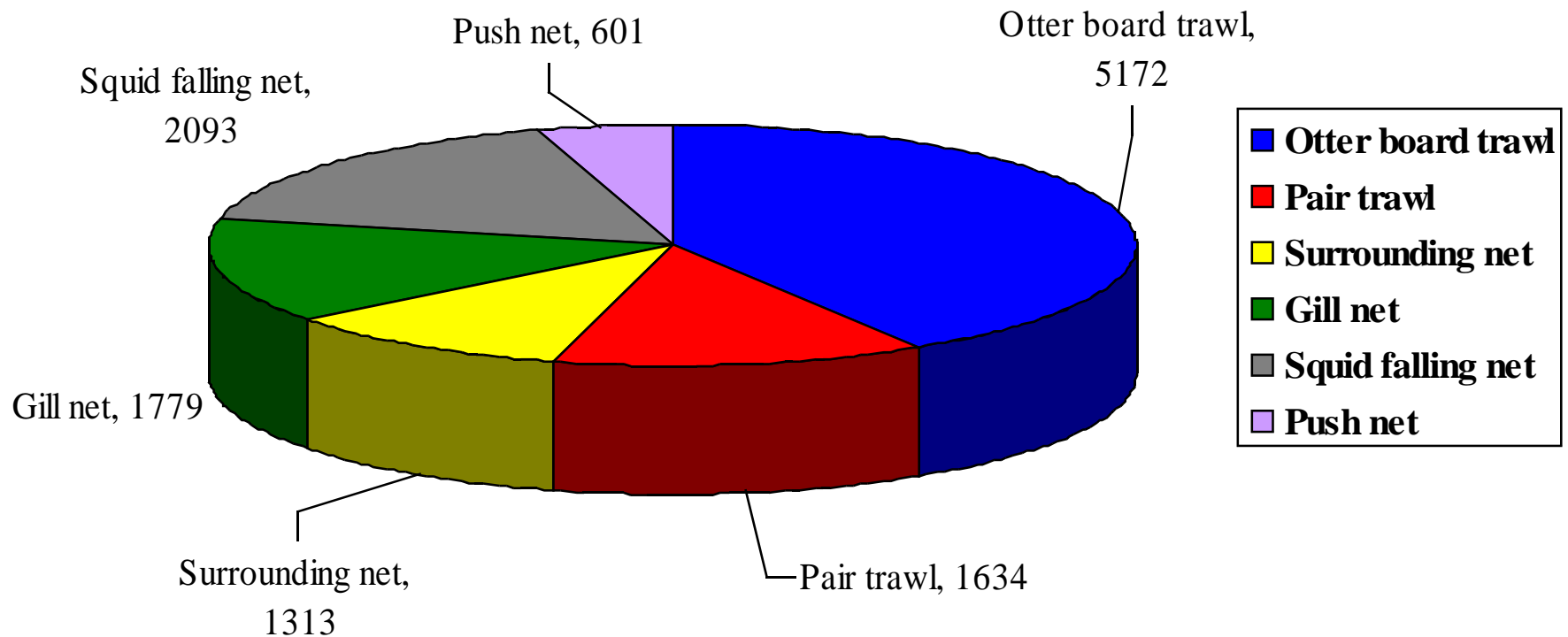
Fishing Boat

Year	Less than 5 GT (Unit)	More than 5 GT (Unit)
1999	3,257	13,664
2000	2,786	14,509
2001	3,329	12,616
2002	2,517	13,407
2003	2,160	13,823



Source: Thai Fishing Vessels Statistics 2003, DOF (Thailand)

Number of fishing boat registered by type of fishing method in 2003



Source : Thai Fishing Vessels Statistics 2003

Thai Fishing Industry

20,000 Fishing boats
(Trawler 90 %)

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graph TD; A["20,000 Fishing boats (Trawler 90 %)"] --> B["First group  
- Fishing in Thai EEZ"]; A --> C["Second group  
- Fishing in neighboring countries  
- 5,000 fishing boats  
- length around 24-30 m."]; A --> D["Third group  
- Fishing in distant water (Madagascar, Somalia and Yemen)  
- 450 fishing boats"];
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First group
- Fishing in Thai EEZ

Second group
- Fishing in neighboring countries
- 5,000 fishing boats
- length around 24-30 m.

Third group
- Fishing in distant water (Madagascar, Somalia and Yemen)
- 450 fishing boats

Source: Overseas Fisheries Association

Rule of Fishing Operation

- Fishing boat length more than 7 meters have to registration
- Pay for Fishing Licenses Fee
- Use legal fishing gear operation
- Commercial fishing boat is prohibited to operate from shore to 3,000 meter

Fishing boat by type of fishing gear



Joint Venture Fishing Boat



Research and Training Vessel in Thailand



Situation of Safety at Sea

Small-scale Fisherman

- Follow marine forecasts from radio and TV
- Maintenance fishing boat
- Safety equipment apply from fishing gear as float buoy, plastic box and so on



Situation of Safety at Sea

Commercial Fisherman

- Follow marine forecasts from radio and TV
- Maintenance fishing boat
- Prepare Safety equipment on boat as life jacket
- Maintenance technology equipment as echo-sounder, radio, GPS and so on
- Follow the Safety at Sea regulation in host country



Situation of Safety at Sea

Government Role

- Storm warning
- Inform safety at sea to fisherman
- Training safety at sea practice for the crew
- Monitoring Control and Surveillance



Role of SEAFDEC with Safety at Sea in the Southeast Asia

- Arrangement Regional Workshop on Safety at Sea for Small Fishing Boat in Southeast Asia on 17-19 December 2003



- Attempt to plan and prepare the guideline on sea safety for implementation in the region in the future



Recommendations on Safety at Sea for Small Fishing Boats in Southeast Asia From Regional Workshop

1. Leave the Definition of ‘small fishing boats’ and ‘operational range’ up to individual countries
2. Promote the registration of small fishing boats
3. Promote coordination between concerned authorities on monitoring and control of small fishing boat safety as well as socio-economic considerations



Recommendations on Safety at Sea for Small Fishing Boats in Southeast Asia

4. Strengthen local authorities and promote policies of safety at sea within the coastal communities
5. Promote technical and financial support from authorities, including subsidies, at all levels for issues of safety at sea



Recommendations on Safety at Sea for Small Fishing Boats in Southeast Asia

6. Identify and promote basic requirements for safety at sea in the areas of;
- research on the design and construction of small fishing boats including the modification of traditional type boats
 - safety equipment including fire fighting and life-saving appliances
 - regular boat inspection systems



Recommendations on Safety at Sea for Small Fishing Boats in Southeast Asia

1. Implement training & education programs for all stakeholders including fishers and boat builders, for the basic requirements of:
 - boat design and construction
 - equipment and its correct use
 - search & rescue
 - occupational health and safety awareness, including the avoidance of dangerous fishing practices
 - awareness of environmental factors



Recommendations on Safety at Sea for Small Fishing Boats in Southeast Asia

8. Develop and promote the use of appropriate communication systems for;
 - weather forecasting information
 - search & rescue systems
9. Development of appropriate incident reporting and investigation systems for the purpose of improving safety at sea

Proposal of Safety at Sea for Small-scale fisherman Training Course

Objective:

- To inform safety at sea method and safety instrument
- To inform and practice in boat engine maintenance.
- To promote and encourage the concept of responsible fishing technologies and practices

Course Outline

- Introduction of hazard in the sea
- Safety equipments for small fishing boat
- Radio equipment for small fishing boat
- Boat engine maintenance
- Principle Meteorology for fisherman
- Bad weather shelter procedure
- Introduction of small scale fisheries and responsible fishing technologies and practices



Thank you