

# **WORK OF THE STECF**

- **4** Quota Advice
- **Let Effort Control Advice**
- **4** Technical Conservation Measures



# **WORK OF THE STECF**

#### **Considerations**

# **Long Term**

- Condition of Stocks
- Future of the Fishery
- Eco-System, Flora and Fauna

### **Immediate**

- Impact on Fleet Earnings
- Impact on Employment



Costs & Earnings	€	%
Total Earnings		
Commission		
Harbour Dues		
Subscriptions & Levies		
Shore labour		
Fuel & Oil		
Boxes		
Ice		
Crew Travel		
Food & Stores		
Other Expenses		
Crew Share		
Total Fishing Expenses		
Insurance		
Repairs		
Gear		
Hire & Maintenance		
Other Vessel Owner Expenses		
Total Vessel Owner Expenses		
Total Expenses		
Net Profit		



		F	Purchaser				
		Agriculture	Industry	Services	Final Use	Total Use	
	Agriculture	11	19	1	10	41	
Producer	Industry	5	89	40	106	240	
	Services	5	37	37	106	185	
	Primary Inputs	20	95	107	21	243	
	Total Outputs	41	240	185	243	709	

**INPUT-OUTPUT ANALYSIS** 



# **Multiplier Effects**

Direct Effects

Indirect Effects

Demand Driven - Upstream

Supply Driven - Downstream

Induced Effects



# **University of Lincoln Consolidated Transactions Matrix**

		Purchaser						
£m	2007	University	Other	House- holds	Total Intermediate Demand	Misc Final Demand	Exports	Total Output
	University	0	50	10	60	0	2	61
	Other	26	1,050,611	732,521	1,783,158	1,211,502	298,644	3,293,304
Producer	Labour	36	648,964	0	649,000	549,562	0	1,198,562
	Total Primary Inputs	61	1,699,625	732,531	2,432,218	1,761,064	298,646	4,491,928
	Imports	0	1,198,231	0	1,198,231			
	Indirect Taxes &							

466,031

1,198,562

861,479

4,491,928

395,448

3,293,304

£	Average Salary	34,008	22,844	
nos	No Employed	1,044	28,407,956	28,409,000

0

61



Profits

**Total Inputs** 

# **University of Lincoln**

		Total	Demand- Driven	Supply- Driven
TYPE I	Output	2.81	1.62	2.19
	Income	1.62	1.21	1.41
	Employment	1.92	1.32	1.60
TYPE II	Output	3.98	2.38	2.60
	Income	2.02	1.47	1.55
	Employment	2.51	1.70	1.81



# Denmark (Truncated Matrix)

1999 mDKr	HC Fishing	HC Processing	Reduction Fishing	Reduction Processing	Other	Households	Total Intermediate Demand
HC Fishing	0	2,382	0	61	0	0	2,443
HC Processing	0	0	0	0	2,505	0	2,505
Reduction Fishing	0	0	0	658	0	0	658
Reduction Processing	0	0	0	225	100	0	325
Other	1,235	4,079	445	553	560,435	560,435	1 <mark>,1</mark> 27,182
Households	890	1,242	121	146	507,542	0	509,941
Total Primary Inputs	2,125	7,703	566	1,643	1,070,582	560,435	1,643,054
Imports	0	9,430	0	895	293,700	0	304,025
Indirect Taxes & Profits	554	177	200	28	158,000	0	158,959
Total Inputs	2,679	17,310	766	2,566	1,522,282	560,435	2,106,038
Average Salary €	312,830	222,860	267,699	337,182	245,829	0	
No Employed	2,845	5,573	452	433	2,064,617	2,073,920	



# **Denmark**

Type II Downstream Supply-Driven	Fishing for Human Consumption	Processing for Human Consumption	Fishing for Reduction	Reduction Processing	Other
Output	2.35	1.49	2.07	1.24	3.38
Income	1.63	3.26	1.60	1.94	3.37
Employment	1.83	3.05	1.55	2.25	3.37



€m	Ireland 2009	Purchaser						
		Fishing	Other	Households	Total Intermediate Demand	Misc Final Demand	Exports	Total Output
	Fishing	0	187	0	187	0	49	236
	Other	112	109,369	84,331	193,812	50,165	144,782	388,759
Producer	Labour	71	58,595	0	58,666	25,701	0	84,367
	Total Primary Inputs	183	168,151	84,331	252,665	75,866	144,831	473,362
	Imports	29	120,333	18	120,380			
	Indirect Taxes & Profits	24	100,275	18	100,317			
	Total Inputs	236	388,759	84,367	473,362			

£	Average Salary	18,024	36,758	36,712
nos	No Employed	3,928	1,594,072	1,598,000



# **Multipliers for the Irish Fishing Industry**

		Fishing				
		Total	Demand- Driven	Supply- Driven		
TYPE I	Output	2.76	1.66	2.10		
	Income	1.89	1.33	1.55		
	Employment	1.44	1.16	1.27		
TYPE II	Output	3.76	2.36	2.40		
	Income	2.39	1.69	1.70		
	Employment	1.68	1.34	1.34		

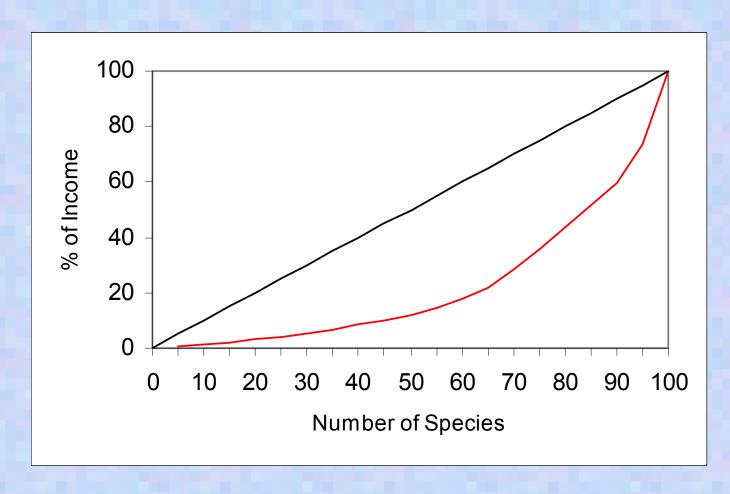


# THE RODGERS-BERTRAM COEFFICIENT

Species	£m
Nephrops	126.4
Mackerel	67.1
Haddock	39.9
Scallops	38.8
Crabs	37.9
Monkfish	34.1
Lobsters	31.3
Cod	21.7
etc	15.5



# THE RODGERS-BERTRAM COEFFICIENT





## **RODGERS-BERTRAM COEFFICIENTS FOR NATIONAL FLEETS**

RB20 (UK 2007) 0.79

RB50 UK (1995) 0.68

France (1994) 0.63

Italy (1993) 0.59

**Netherlands (1994)** 0.88



# THE END ERINSHORE ECONOMICS