

**Table E4-1: Information available to the working group on stock indicators and habitat characteristics for EMUs and other eel areas, based on data provided to WGEEL in 2014.**

Region	Eel management unit (EMU)	EMU code	Recruitment (long term series)		Biomass indicators			Mortality indicators			Habitats assessed				Assessment model	
			glass eel	yellow eel	B0	Bbest	Bcurrent	Sigma a	Fishery	Other anthropogenic	Rivers	Lakes	Transitional & lagoon	Coastal / marine		
Norway		NO														Recruitment
Sweden	East coast	SE_East	NP		12.500	3.770	3.499	0,07	0,07	0					East coast (Dekker & Sjöberg 2013); Inland, west coast (Dekker 2012)	NP
Sweden	Inland water	SE_Inla	NP	NP	300	280	57	1,25-1,58	0,16-0,36	1,09-1,22						
Sweden	West coast	SE_West			1.154	1.154	12	0	0	0						
Åland																
Finland	Finland	FI_Finl														Indicators
Estonia	Inland water	EE_Inla														
Latvia	Latvia	LV_Latv	NP													
Lithuania	Lithuania	LT_Lith	NP		87	32	14	0,5	0,44	0,05					Simplified model of the eel population dynamics (Dekker et al., 2008)	
Russia		RU														Habitat
Poland	Oder	PL_Oder	NP		1.611	241	58	1,55	1,04	0,051					Version of CAGEAN model (Deriso et al., 1985)	NP
Poland	Vistula	PL_Vist	NP		1.343	234	33	3,31	1,51	0,8						
Czech republic		CZ														
Germany	Eider	DE_Eide			240	146	109									
Germany	Elbe	DE_Elbe			1.450	118	186	1,36								
Germany	Ems	DE_Ems			711	235	390	0,08								
Germany	Maas	DE_Maas			4	1	0.5	0,86								
Germany	Oder	DE_Oder			118	9	19	1,14								
Germany	Rhein	DE_Rhei			288	17	154	1,03								
Germany	Schlei/Trave	DE_Schl			641	384	290									
Germany	Warnow/Peene	DE_Warn			1.395	614	539	0,24								
Germany	Weser	DE_Wese			605	163	357	0,41								
Denmark	Inland water	DK_Inla			1.100	163	130	0,227	0,158	0,069					Bo for rivers is based on production models and mark-recapture studies in three rivers. Bo for lakes is estimated assuming that the production in lakes was twice the catch level of the lakes. Bcurrent is estimated	

Denmark	Marine water	DK_Mar													the lakes. Bcurrent is estimated the same way but using recent surveys in rivers and lakes. Bbest is derived by adding known anthropogenic and predation mortality to Bcurrent.
Netherlands	Netherlands	NL_Neth			10.400	1.443	482	1,1	1,16	0,04					Bierman et al. 2012
Belgium	Meuse	BE_Flan			54	39	14	1,0245	0,11242	0,91209					
Belgium	Scheldt	BE_Wall			187	41	34	0,1872	0,1788	0,00841			NP	NP	
Luxenburg		LU													
Ireland	East	IE_East			20	10	9	0,01	0	0,01					Silver eel escapement and mortality is assessed directly using mark-recapture (Shannon, Erne, Fane), DIDSON (Shannon), acoustic tracking for mortality (Shannon, Erne) or by total trap
Ireland	North West	IE_NorW			136	54	52	0,05	0	0,05					
Ireland	Shannon	IE_Shan			201	75	69	0,09	0	0,09					
Ireland	South East	IE_SouE			15	7	7	0	0	0					
Ireland	South West	IE_SouW			25	12	11	0,03	0	0,03					
Ireland	West	IE_West			189	69	69	0	0	0					
United Kingdom	Anglian	GB_Angl			123	123	54	0,83	0,15	0,68					
United Kingdom	Dee	GB_De			422	25	21	0,16	0,04	0,11					
United Kingdom	Humber	GB_Humb			158	158	120	0,28	0,02	0,26					
United Kingdom	Neagh Bann	GB_Neag			500	582	155	1,33	1,33	0	NP		NP	NP	
United Kingdom	North Eastern	GB_NorE			4			0	0	0	NP		NP	NP	
United Kingdom	North West	GB_NorW			654	37	24	0,44	0,15	0,28					
United Kingdom	Northumbria	GB_Nort			71	71	70	0	0	0					
United Kingdom	Scotland	GB_Scot			196	65	47	0,225	0	0,225			NP	NP	
United Kingdom	Severn	GB_Seve			513	236	181	0,27	0,23	0,04				NP	
United Kingdom	Solway Tweed	GB_Solw			1.170	345	345	0	0	0				NP	
United Kingdom	South East	GB_SouE			98	98	63	0,45	0,06	0,38					
United Kingdom	South West	GB_SouW			596	141	56	0,93	0,77	0,16					
United Kingdom	Thames	GB_Tham			510	510	411	0,22	0,01	0,2					
United Kingdom	Western Wales	GB_Wale			371	25	23	0,09	0,01	0,08					
France	Adour	FR_Adou					184	2,759				NP		NP	
France	Artois-Picardie	FR_Arto					80	2,759				NP		NP	
France	Bretagne	FR_Bret					225	2,759				NP		NP	
France	Corse	FR_Cors					62	2,759				NP		NP	
France	Garonne	FR_Garo					429	2,759				NP		NP	
France	Loire	FR_Loir					343	2,759				NP		NP	
France	Meuse	FR_Meus					1	2,759				NP		NP	
France	Rhin	FR_Rhin					2	2,759				NP		NP	
France	Rhône-Méditerranée	FR_Rhon					533	2,759				NP		NP	

France	Seine-Normandie	FR_Sein					286	2,759				NP		NP	1. Total lack of data in the EMU: those EMUs have applied reference area production values from bibliography or from similar nearby habitats. 2. EMUs with electrofishing surveys: those EMUs have their own production values from certain areas, and they have extrapolated these values to areas of similar habitats where no information was available. 3. EMUs with fishery data and surveys: They have calculated productivity based on these data. As pristine production is concern, some EMUs have used reference values, and others have applied a conversion factor to current production. The only quantified anthropogenic mortality is the fishery one; and to calculate Bbest, catches (in silver eel equivalents) had been added to Bcurrent; thus Bbest is underestimated. To calculate the equivalents, a six year generation time was considered; thus, the catches of glass and yellow eel, from 6 and 3 years ago and current silver eel catches were used.
Spain	Andalusia	ES_Anda			5.563	610	563		0,08					NP	
Spain	Asturias	ES_Astu			64	159	13		2,54				NP	NP	
Spain	Balearic Islands	ES_Bale			331	223	221		0,01					NP	
Spain	Basque Country	ES_Basq			245	179	129		0,33					NP	
Spain	Cantabria	ES_Cant			10	28	1		3,08					NP	
Spain	Castilla-La Mancha	ES_Cast			23	0	0		0					NP	
Spain	Catalonia	ES_Cata			859	160	50		1,15				NP		
Spain	Galicia	ES_Gali			130	60	9		1,89				NP	NP	
Spain	Murcia	ES_Murc			2.420	0	0		1,04						
Spain	Navarra	ES_Nava			859	160	50								
Spain	Valencia	ES_Vale			5	2	2		0,11			NP		NP	
Spain	Inner	ES_Inne			698	428	385		0					NP	
Portugal	Portugal	PT_Port					639						NP		
Portugal	Minho	PT_Minh					9						NP		
Italy	Abruzzo	IT_Abru			2	0	0	0,028	0,028	0			NP	NP	
Italy	Basilicata	IT_Basi			2	1	1	0,04	0,04	0			NP	NP	
Italy	Calabria	IT_Cala			2	1	0	0,032	0,032	0			NP	NP	
Italy	Campania	IT_Camp			14	7	3	0,04	0,04	0			NP		
Italy	Emilia-Romagna	IT_Emil			458	118	80	0,049	-0,134	0,184			NP		
Italy	Frioli-Venezia-Giulia	IT_Frio			293	75	50	0,151	-0,139	0,291			NP		
Italy	Lazio	IT_Lazi			71	33	11	1,117	1,065	0,051					
Italy	Liguria	IT_Ligu			2	1	0	0,021	0,021	0			NP	NP	
Italy	Lombardia	IT_Lomb			66	11	4	0,154	0,154	0,001				NP	
Italy	Marche	IT_Marc			4	1	0	0,111	0,111	0			NP	NP	
Italy	Molise	IT_Moli			1	0	0	0,047	0,047	0			NP	NP	
Italy	Piemonte	IT_Piem			16	3	1	0,086	0,086	0		NP		NP	

DemCam (Bevacqua *et al.* , in prep)

Italy	Puglia	IT_Pugl			400	130	90	0,061	0,048	0,013		NP		
Italy	Sardegna	IT_Sard			210	97	28	1,228	0,195	1,033		NP		
Italy	Sicilia	IT_Sici			8	4	2	0,056	0,056	0		NP		
Italy	Toscana	IT_Tosc			75	35	3	1,448	0,085	1,363		NP		
Italy	Trentino Alto Adige	IT_Tren			7	1	1	-0,044	-0,044	0	NP		NP	
Italy	Umbria	IT_Umbr			0	0	0	2	1,73	0,27	NP		NP	
Italy	Valle D'Aosta	IT_Vall			1	0	0	2	2	0	NP	NP	NP	
Italy	Veneto	IT_Vene			1.773	452	343	0,031	-0,012	0,043				
Malta		MT												
Slovenia		SI												
Croatia		HR												
Bosnia-Herzegovina		BA												
Montenegro	Montenegro	ME												
Albania	Albania	AL												
Greece	Western Greece	GR_EMU 1												
Greece	Western Peloponese	GR_EMU 2												
Greece	East Macedonia and Thrace	GR_EMU 3												
Greece	Rest of Greece	GR_EMU 4												
Bulgaria		BG												
Romania		RO												
Moldavia		MD												
Ukrania		UA												
Georgia		GE												
Turkey		TR												
Cyprus		CY												
Syria		SY												
Lebanon		LB												
Israel		IL												
Egypt		EG												
Libya		LY												
Tunisia		TN												
Algeria		DZ												
Morocco		MA												
Austria		AT												
Slovakia		SK												

num

71

70

81

66

60

49

194.772

14.704

12.995

0,06672

t

not pertinent

series present / available

data not available

no series

data available

data not available

no data

not pertinent

assessed

partly assessed

not assessed