

外国の製鉄スラグ

文献-No	遺構名	県別	T.Fe	FeO	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	CaO	MgO	TiO ₂	MnO	P ₂ O ₅	V	Cu	
A	Italy	AcquaRossa	47.9	32.1	32.8	12.3	12.2	4.8	1.1	0.2	0.1				
		AcquaRossa	50.0	44.0	21.9	13.8	4.2	6.8	1.1	0.0	0.1				
		Populonia	49.3	56.6	5.2	18.8	4.4	2.2	0.7	0.2	0.2				
		England	Populonia	51.8	53.1	11.2	14.8	3.9	2.9	0.7	0.2	0.1			
			Chelmscombe	51.8	58.6	11.2	23.2		4.4	1.1	0.3	0.1			
		Germany	Chelmscombe	44.7	50.4	7.9	27.0		5.6	1.2	0.3	0.1			
			Manpin	66.0	73.0	13.3	5.7	0.4	1.3	0.5	0.0	4.7			
		Germany	Manpin	57.6	61.9	10.7	11.2	0.5	3.1	0.6	0.1	5.8			
			Manpin	52.9	50.6	18.3	18.6	0.8	2.1	1.3	0.1	1.4			
		Poland	crossentreshite	54.4	58.0	12.4	16.1	2.8	0.4	0.2	0.1	0.6			
			crossentreshite	50.4	46.4	20.5	19.8	3.4	1.8	0.5	0.2	0.2			
		Jelenioski	山	50.1	56.8	4.7	25.1	4.4	1.4	0.8		1.6			
			Abhang	49.7	45.7	12.8	20.5	7.1	1.2	1.0		5.2			
Rudki			50.9	51.1	12.8	18.5	5.2	2.0	1.1		2.5				
峠			37.7	36.0	11.5	28.2	9.4	2.9	2.0		4.7				
B	Hangary	Nemesker	37.0	44.6	3.3	30.5	7.9	3.8	1.3	0.4	2.6	0.2			
		Nemesker	44.6	42.8	16.2	25.9	4.8	5.4	2.3		1.9				
		tomord	45.8	54.7	4.6	25.3	6.6	1.8	0.9	0.2	2.6	0.2			
		tomord	47.8	42.4	21.2	29.1	2.0	2.9	1.5		0.6				
		denesfa	36.3	40.7	6.7	30.6	8.0	2.4	1.9	0.4	3.6	0.4			
		denesfa	47.1	47.5	14.6	23.4	3.9	2.9	0.8	0.2	0.4	0.2			
		ivan	43.3	40.5	16.8	23.2	6.8	2.4	1.3	0.3	3.7	0.6			
		ivan	38.9	42.3	8.6	31.5	8.2	3.6	1.3	0.4	2.4	0.2			
		B.1		42.5	32.4	24.7	41.2	2.4	5.6	0.8		1.0			
		B.2		31.3	23.2	19.0	52.9	2.2	0.6	0.0		1.0			
		B.4		53.6	28.4	45.1	19.0	1.4	0.6	1.2		0.5			
		B.5		41.9	36.0	19.9	39.8	1.8	0.6	0.0		0.5			
		B.6		39.1	43.8	7.2	38.5	2.2	0.6	1.6		1.4			
		B.7		35.7	40.4	6.2	37.8	2.2	2.8	0.8		5.3			
B.8		48.0	54.3	8.3	32.3	2.0	1.1	1.2		0.5					
B.9		47.4	50.6	11.6	41.2	2.0	0.6	1.2		1.2					
B.10		41.3	45.6	8.4	40.2	1.2		1.6		1.2					
B.10		40.2	43.3	9.4	27.1	1.2	1.1	2.0		0.2					
B.12		24.0	24.9	6.7	45.4	4.1	2.8	1.6		3.2					
B.13		46.9	49.6	12.0	26.0	2.2	3.4	0.8		0.2					
B.15		41.1	50.7	2.4	34.8	2.2	1.6	0.8		1.6					
B.17		38.0	42.7	6.9	39.9	3.5	2.2	0.8		1.2					
B.19		37.4	41.6	7.3	39.5	2.0	2.2	1.6		0.6					
B.20			44.4		35.5	3.1	1.1	2.4		1.0					
B.21		43.6	47.7	9.3	32.5	2.7	2.2	2.0		0.3					
B.22		42.4	46.0	9.6	35.2	3.3	2.2	1.6		1.2					
B.23		39.1	41.0	10.4	39.8	2.0	1.7	1.6		1.5					
B.24		43.0	37.6	19.7	32.0	2.2	2.2	1.6		0.1					
C	England	Wealden流出	37.1	47.8		27.1	6.6	9.6	2.8	0.3	2.1	0.8			
		Wealden炉内	33.8	43.5		24.5	7.2	13.8	3.2	0.3	2.5	1.1			
		Sharpthome	32.9	42.4		30.4	7.9	10.4	2.5	0.5	2.1	0.9			
		Roman Holtye	37.2	47.9		28.9	9.0	7.2							
		Roman Oldlands	37.1	47.8		27.3	8.5	8.5							
D		pickworth	47.7	59.9	1.7	28.3	5.3	2.6	0.2		1.0	0.2			
		chipsham	48.0	59.1	3.0	25.2	5.4	1.3	0.9		0.1	0.2			
		sharpley	48.0	58.3	3.9	22.7	6.5	4.2	2.2		0.0	0.1			
		sharpley	43.9	24.4	35.7	31.5	5.8	1.6	1.1		tr	0.0			
		worcester	55.1	61.4	10.6	16.2	5.9	3.1	1.3		0.2	0.0			
		worcester	54.8	63.3	8.0	16.9	5.2	3.2	1.2		0.3	0.0			
		worcester	56.1	60.4	13.1	15.4	6.5	2.9	1.3		0.2	0.0			
		gt.casterton	51.4	55.5	11.8	20.9	1.9	2.4	0.9						

		gt.casterton	55.4	64.4	7.7	18.2	3.7	1.8	0.1		1.4	0.1		
		ashwicken	53.6	62.1	7.7	21.2	3.2	0.4	1.4		0.5	1.7		
		ashwicken	52.4	54.5	14.4	23.3	4.9	1.3	0.4		0.3	0.3		
		camerton	57.5	62.2	13.1	12.6	6.6	2.2	0.3			0.6		
		corbridge	57.2	21.4	58.1	7.5	1.2	0.8	0.6		0.2	0.2		
		widerspool	52.4	61.8	6.2	28.1	5.2	3.0	1.2		0.3	0.4		
		wark-on-then	51.8	66.7		21.6	5.7	3.7	1.8					
		gt.casterton	38.0	46.1	3.1	26.2	9.5	7.0	0.1		0.2	0.0		
	turkey	silzi	53.2	55.9	14.0	8.6	1.9	5.2	4.8		7.2	2.0		
E	Germany	sauerland	54.4	58.0	12.4	16.1	2.8	0.4	0.2	0.1	6.6			
		sauerland	50.4	46.4	20.5	19.8	3.4	1.8	0.5	0.2	0.3			
F.1	Tarp bei Flensburg		47.8	58.6	3.3	25.6	2.5	1.9	0.3		4.7	3.2		
F.2			50.6	59.4	6.4	20.2	1.7	1.7	0.2		4.4	3.8		
F.3			52.2	67.2		19.1					3.2	5.0		
F.4			50.8	56.9	9.4	22.8	1.7	1.5	0.2		4.1	3.3		
F.5			46.5	59.8		27.0					4.1	3.1		
			58.6	75.4		15.6					1.8	2.8		
			51.1	65.8		21.9					3.2	4.2		
			49.0	59.6	3.8	22.8	1.8	2.7	0.1		5.8	3.8		
			41.3	52.2	1.1	35.2	2.9	1.6	0.1		3.8	2.8		
			56.4	72.6		17.2					1.4	3.2		
			44.5	57.3		23.4					7.9	5.5		
F.12	Schlackenklotz aus Tarp		46.2	57.7	2.0	27.8	2.3	1.4	0.3		2.1	4.6		
			48.1	60.9	1.1	26.7	2.9	0.6	0.2		2.2	3.9		
			55.4	63.8	8.4	18.1	1.2	0.9	0.2			3.9		
			50.3	60.2	5.1	24.9	1.1	1.0	0.3		1.8	3.9		
			48.3	54.7	8.3	27.2	1.0	0.4	0.2		2.3	3.0		
			44.6	47.6	10.9	27.9	2.1	1.0	0.2		2.4	3.9		
F.18	Stietz bei Jeven-stedt		49.0	56.0	7.9	22.5	1.8	3.6	1.0		1.2	3.9		
			49.5	49.0	16.3	20.0	3.2	3.5	1.0		1.0	4.0		
			45.3	45.9	13.8	22.7	3.2	5.2	1.1		1.4	4.7		
			45.0	53.4	5.0	23.6	3.5	5.3	1.2		1.4	4.7		
			50.7	59.7	6.2	20.5	3.1	3.4	1.0		1.5	3.5		
			43.1	54.6	1.0	28.7	3.0	4.1	0.9		1.5	4.3		
			51.6	62.8	4.0	19.4	1.1	3.8	0.8		1.0	5.2		
			45.9	56.0	3.4	12.5	3.3	4.1	0.8		1.5	3.8		
			51.9	38.5	31.4	16.1	3.1	2.7	0.8		1.5	2.8		
			48.2	38.3	26.4	17.4	2.4	4.9	1.1		0.9	4.8		
			45.6	48.7	11.1	21.1	2.6	6.1	1.2		1.4	6.5		
			36.9	23.4	26.7	13.3	3.4	3.7	1.1		1.3	3.3		
			49.3	59.4	4.5	21.4	3.4	3.9	0.9		1.6	3.5		
			18.1	9.9	14.9	50.6	5.7	6.6	1.5		1.2	2.4		
			20.9	13.5	14.9	43.4	5.5	7.3	1.5		1.3	3.9		
			43.2	53.2	2.7	29.4	2.1	5.0	1.1		1.9	4.3		
			50.1	48.7	17.6	18.1	1.5	5.8	1.3		1.1	3.9		
F.35	Jevenstedt		46.7	50.6	10.6	19.9	2.7	5.9	1.1		0.8	6.0		
			44.9	49.8	8.9	23.9	2.0	5.2	1.0			5.4		
			53.6	64.0	5.5	20.5	1.0	1.5	0.8		2.8	2.1		
F.38	Brammer Kr. Rendsburg		45.3	54.2	4.5	29.9	2.2	5.3	0.8		0.8	1.3		
			53.1	63.7	5.2	19.9	1.1	2.2	0.8		3.4	3.9		
			50.0	57.3	7.9	16.7	0.6	2.2	0.2		8.2	3.8		
F.40	Bokel Altenkattbeck Kr. Rend		52.6	63.1	5.1	18.0	1.5	5.0	0.7		0.8	4.7		
			44.3	54.1	3.3	26.6	2.8	4.2	1.1		1.3	5.1		
			52.8	63.7	4.7	19.3	2.9	3.6	0.8		0.8	4.5		
F.44	Holddorf Kr. Rendsburg		54.3	60.7	10.2	15.5	1.5	4.1	1.1		0.8	5.6		
			50.9	46.3	21.4	15.8	1.9	5.0	0.9			5.8		
			49.3	58.9	5.0	28.8	0.7	1.9	0.8		1.1	2.7		
F.47	Nienkattbeck Kr. Rendsburg		51.3	55.8	11.3	8.7	1.2	8.4	1.4		0.7	10.3		
F.48	Luhndorf Kr. Rendsburg		49.6	56.3	8.4	20.9	1.1	4.3	0.9		0.9	5.1		
F.49	Padenstedt Kr. Rendsburg		42.2	51.1	3.6	32.3	2.0	2.7	0.6		2.8	3.2		
			52.8	63.7	4.7	20.9	0.9	2.4	0.4		0.8	2.9		
F.51	Einfeld Kr. Rendsburg		53.5	62.4	7.2	18.8	1.4	2.0	0.4		1.7	4.5		
F.52	Krummerfeld Kr. Segeberg		45.6	52.0	7.5	19.3	1.1	2.1	0.4		13.6	2.1		
F.53	Wittdorf bei Neumunster		55.6	54.7	18.8	14.2	0.9	2.2	0.3		1.3	3.8		

		49.3	58.0	6.0	27.2	0.6	1.0	0.2		1.5	2.5			
		53.4	63.1	6.2	19.4	0.7	3.0	0.2		1.5	4.2			
		52.5	63.4	4.6	20.0	1.1	2.8	0.1		1.4	4.2			
		47.2	58.6	2.4	24.6	1.3	4.6	0.4		0.8	4.6			
		55.8	63.6	9.1	14.4	0.7	2.0	0.3		3.8	4.3			
F.59	Heiligenhafen	57.1	66.4	7.9	16.3	0.5	3.1	0.3		0.7	2.3			
F.60	Bunsöh	54.6	63.7	7.3	18.5		1.4	n. b.		2.8	2.0			
F.61	Bramsfield	46.5	53.2	7.4	25.3	1.8	4.7	0.6		1.4	4.1			
F.62	Klein-Borstel	11.4	9.0	6.3	44.9	32.1	3.1	1.9		0.2	0.3			
F.63	Volksdorf	51.3	63.7	2.6	25.4	1.2	1.8	0.2		0.5	3.8			
		62.8	64.6	18.0	10.7	0.7	2.0	0.1		0.7	2.5			
		52.8	59.8	9.1	19.9	1.2	2.4	0.3		1.1	1.8			
		56.3	65.1	8.2	16.7	1.5	2.6	0.4		0.9	3.8			
F.67	Hamburg	45.1	44.6	14.9	29.5	3.4	1.6	0.2		0.6	0.5			
		48.9	54.3	9.6	26.7	2.1	1.9	0.5		0.5	0.5			
F.69	Duvenstedt	7.7	4.8	5.7	48.9	10.5	11.9	14.1		0.2	2.2			
F.70	Haithabu bei Schleswig	45.7	58.8		36.4	0.9	1.3			1.0	0.7			
		51.9	66.8		27.3	0.3	1.6			1.0	1.1			
		52.5	67.6		27.7	0.8	1.8			0.4	1.1			
		51.4	66.2		26.9	0.8	2.1			0.5	1.1			
		24.2	31.1		56.0	3.8	3.7			0.6	0.7			
		55.6	71.6		21.7	1.3	2.6			0.8	1.4			
		56.7	73.0		19.4	1.2	2.1			2.5	0.8			
F.77	Siegerland: Minnerbach	43.9	45.1	12.6	20.3	11.3	4.8	2.1		2.3	0.5			
F.78	Sauerland:Lennetal	36.0	43.2	3.5	30.9	5.6	5.0			4.2	1.8			
		32.4	37.9	4.2	36.3	6.7	6.9			0.5	1.4			
		40.8	45.8	7.4	23.8	7.6	7.0			1.0	1.7			
		60.3	39.4	42.5	8.1	1.0	0.6			2.3	0.4			
F.82	Oberpfalz : Kroblitz	42.0	54.0		30.2	6.4	4.3	0.8		0.6	3.1			
		42.3	54.4		23.0	8.4	13.5	0.9		0.2	3.7			
		37.4	48.1		32.8	9.3	4.7	1.3		0.5	3.3			
		33.7	43.4		24.1	11.9	15.4	1.1		0.2	3.8			
		42.0	54.0		30.3	6.0	4.4	1.4		0.7	3.1			
		42.2	54.3		30.2	5.7	4.4	1.5		0.6	3.0			
F.83	Amberg	53.4	52.3	18.3	16.0	3.8	3.0	0.5		0.6	3.6			
		57.4	66.5	8.2	13.4	4.1	2.3	0.5		0.5	3.7			
		46.7	25.8	38.1	16.1	11.4	2.5	0.8		0.8	3.1			
		53.4	51.0	19.7	14.6	4.3	3.9	0.6		0.8	3.4			
		55.7	63.9	8.6	15.3	3.1	3.2	0.9		0.6	3.4			
		48.8	28.6	38.0	18.9	6.3	3.4	0.9		0.5	0.6			
		52.6	61.1	7.3	17.7	4.2	3.2	0.7		0.8	3.7			
		57.1	65.2	9.2	14.9	3.0	2.6	0.6		0.7	3.0			
		44.1	56.8		23.3	3.1	1.8	1.0			1.1			
		29.3	37.7		44.0	4.1	0.3	0.5			2.7			
		41.5	53.4		22.9	5.5	2.2	1.5		12.7	1.8			
		54.5	70.2		16.3	3.5	0.2	0.3		7.3	1.1			
F.100	Regensburg	53.8	62.9	7.0	16.0	2:5	1.8	0.9		8.0	0.7			
F.101	Hallstadt	32.6	9.0	36.6	30.8	7.7	6.2			0.2	0.3			
G	Italy	Populonia I	54.9	64.6	6.8	17.2	5.2	3.5	0.3	0.2	0.3	0.3		
			50.4	58.0	7.6	21.9	6.1	2.7	0.6	0.2	0.6	0.2		
			53.7	65.1	4.6	19.0	5.5	3.0	0.6	0.2	0.6	0.2		
			51.7	64.2	2.6	20.8	6.2	3.5	0.1	0.2	0.1	0.2		
		Populonia III	49.2	63.3		22.1	5.5	5.1	0.6	0.2	0.6	0.2		
H	Eind 14B		82.6	53.6	58.5	21.3	1.6	9.1	0.5	tr	1.4	3.7		
	Eind B		88.9	57.1	63.7	20.3	1.5	6.1	0.5	tr	1.6	4.0		
	OD130		48.8	59.8	3.3	19.7	1.8	3.3	0.3	tr	2.0	2.3		
	OD130B		52.3	48.1	21.4	17.8	0.8	2.5	tr	tr	1.4	2.9		
	OD2171		46.6	58.5	1.7	19.9	1.6	6.0	0.4	tr	2.5	2.2		
	OD2171A		44.5	53.9	3.7	22.5	2.0	6.1	0.3	tr	2.2	2.3		
	OD2171B		45.8	57.1	2.0	19.6	1.5	5.8	0.3	tr	2.6	2.6		
	OD2171C		44.7	55.7	2.1	22.2	1.9	6.1	0.3	0.2	2.4	2.3		
	EM10		31.4	34.1	7.0	34.0	2.8	7.6	0.5	0.2	3.4	4.2		
	EM11		41.0	52.8		55.3	2.2	7.0	0.4	tr	1.8	3.2		
	EM12		46.8	56.0	4.7	20.5	1.9	3.6	0.3	tr	1.4	4.0		
	EM14		43.0	55.3		28.0	4.7	2.4	1.1	0.2	5.2	1.0		
	He1A		47.3	58.4	2.8	22.8	2.1	2.2	0.2	0.2	1.4	2.3		

	He1B		42.6	52.8	2.3	26.1	2.1	3.3	0.2	0.2	1.9	2.7		
	He2A		50.8	62.8	2.8	17.9	1.1	2.3	0.2	tr	1.3	2.9		
	He3A		51.2	62.1	4.2	17.6	1.2	2.3	0.2	tr	1.4	3.0		
	He4A		51.1	64.0	2.0	17.2	1.1	2.3	0.2	tr	1.4	3.0		
T6.4.1	Denmark	Varde	54.9	70.6		22.3	2.4	0.8		0.1	0.8			
2			54.3	69.9		23.1	2.8	1.3		0.1	0.2			
3			47.8	61.5		24.2	1.3	2.2		0.2	1.6			
4			51.2	65.9		12.7	1.2	0.5		0.1	0.8			
5	Denmark	Central Jutaland	42.1	54.2		22.6	2.4	3.5		0.2	7.2			
6			49.0	63.1		26.6	3.1	3.2		0.1	0.8			
7			43.6	56.1		22.8	2.4	4.4		0.2	5.1			
8			42.3	54.5		22.4	2.0	3.7		0.1	9.0			
9	Norway	Oppland	39.1	50.3		30.3	8.8	2.1		0.6	4.9			
10			37.6	48.4		27.7	9.2	2.8		0.5	7.5			
T7.1.1	Poland	Biskupice	48.0	61.7		22.3	1.6	4.4	0.2		4.0			
2		Biskupice	46.8	60.2		23.8	1.7	4.7	0.1	0.3	3.4			
3	Sweden	Jamtland	46.9	60.3		26.0	5.3	1.9	0.2		4.3			
4		Jamtland	47.2	60.7		25.6	5.3	1.9	0.3	0.2	4.3			
T7.4.1	Sweden	Halland	17.2	22.2		48.8	12.9	1.4	0.3	0.6	6.8			
2			15.3	19.6		46.8	14.1	2.6	0.8	0.3	8.4			
3			32.0	41.2		31.0	11.1	2.6	0.9	0.5	7.5			
4			31.2	40.1		30.4	11.8	3.5	0.8	0.5	7.0			
5			33.9	43.6		29.0	11.3	3.5	0.6	0.5	7.6			
6			33.7	43.4		28.1	11.9	3.5	0.8	0.6	7.8			
8			39.4	50.7		31.2	2.0	1.4	2.1	0.3	12.3			
T7.5.1	Sweden	bruneborg	40.6	52.3		28.9	4.6	7.6	1.3	0.3	1.1			
2			31.9	41.0		27.3	6.2	8.4	1.8	0.7	1.7			
3			29.9	38.5		37.2	5.9	10.7	1.5	0.5	1.4			
4			22.8	29.4		44.3	7.5	10.2	2.3	0.8	1.9			
5			17.7	22.8		46.3	7.9	14.8	2.3	1.0	1.9			
T7.6.1	Sweden	Brukelstooop	20.4	26.2		41.8	18.7	3.2	1.4	0.2	3.2			
2			26.2	33.7		34.6	17.6	4.5	0.7	0.3	3.6			
3	Sweden	Ubbalt	43.0	55.4		22.3	10.7	1.9	0.1	0.4	4.7			
4	Sweden	Tommarp	53.7	69.1		22.5	4.4	1.3	0.2	0.3	0.2			
5			46.3	59.6		30.5	5.3	1.5	0.3	0.3	0.3			
6			40.9	52.7		34.1	5.8	2.5	0.3	0.3	0.4			
7			36.8	47.4		23.6	10.1	4.0	1.2	0.6	1.7			
8			37.6	48.4		28.2	5.3	0.8	1.1	0.3	0.9			
9			44.1	56.7		28.1	4.8	1.6	0.3	0.3	3.7			
10			44.2	56.9		26.3	7.1	2.1	0.8	0.4	1.4			
11			39.5	50.8		24.5	5.6	2.1	0.2	0.4	5.0			
12			42.3	54.5		23.0	5.0	1.6	0.6	0.5	5.2			
13			42.8	55.1		26.1	5.8	2.8	1.0	1.0	4.7			
14			26.0	33.4		38.9	7.7	3.8	0.9	0.4	9.7			
15			37.9	48.8		32.9	5.6	5.8	1.0	0.3	1.0			
16	Sweden	Oland	34.9	44.9		29.0	4.5	5.0	1.8	0.4	2.8			
17			41.9	53.9		30.1	7.1	4.3	1.0	0.4	0.3			
T8.1.1	Denmark	Ovested	55.9	72.0		16.3	3.4	2.7	0.2	0.2	2.3			
2			52.1	67.0		20.2	5.6	1.8	0.4	0.2	2.2			
3			47.7	61.4		24.1	3.5	2.1	0.1	0.3	4.7			
4			46.5	59.9		28.4	5.9	1.5	0.2	0.3	1.1			
5			49.8	64.1		23.8	2.1	2.6	0.4	0.2	1.1			
6			46.0	59.2		27.3	3.0	4.2	0.2	0.3	2.3			
7	Denmark	Norre Omme	56.5	72.7		20.3	2.3	1.1	0.4	tr	0.5			
T8.2.1	Denmark	Ejstrup	46.7	60.1		25.7	2.6	1.0	0.2	0.1	4.8			
2			43.9	56.5		30.1	2.2	1.6	0.3	0.1	2.7			
3			3.5	4.5		66.5	9.4	12.2	0.2	0.9	3.4			
4			33.1	42.6		31.8	4.9	3.8	0.6	0.6	0.7			
5	Denmark	Boeslunde	45.1	58.1		28.0	3.2	3.8	0.1	0.3	2.1			

6			46.9	60.4		25.4	3.0	3.7	0.4	0.3	2.2			
7			39.1	50.3		36.6	3.6	2.7	0.6	0.3	2.9			
8	Denmark	Brenderup	17.6	22.6		53.5	9.1	10.2	1.1	0.7	0.1			
T9.1.1	Denmark	Ringkobing	54.2	69.7		17.4	1.8	0.4	0.3		0.4			
2			58.7	75.5		12.1	1.1	1.1	0.2	0.1	3.6			
3	Denmark	Ribe	51.0	65.6		22.8	2.4	1.3	0.2	0.1	3.7			
4			47.2	60.7		31.1	3.6	0.3	0.4		0.5			
5			34.1	43.9		46.1	5.0	1.5	tr	0.2	0.2			
6	Denmark	Hejnsvig	51.2	65.9		25.9	5.5	0.5	0.2	0.2	0.3			
7	Denmark	Grindsted	56.0	72.1		17.0	3.0	1.1	0.3	tr	2.0			
8	Denmark	Ribe	55.8	71.8		24.2	1.6	0.2	0.3	0.1	0.2			
9			55.6	71.5		25.0	1.6	0.6	0.8	0.1	0.2			
10	Denmark	Grindsted	50.9	65.5		21.2	2.9	1.2	0.5	0.1	0.6			
11			61.8	79.6		13.2	1.8	0.6	0.3	0.2	0.4			
12			56.1	72.2		23.7	1.1	0.9	0.2	0.2	0.5			
13	Denmark	Dostrup	46.5	59.8		31.6	4.3	1.6	0.3	0.2	0.3			
14	Denmark	Ribe	44.3	57.0		30.2	2.8	5.8	0.4	0.2	0.3			
15			51.1	65.8		23.0	2.3	3.6	0.4	0.2	0.8			
16	Denmark	Tistrup	47.0	60.5		29.2	3.5	1.2	0.2	0.3	0.8			
17	Denmark	Houlbjerg	51.2	65.9		27.7	2.2	0.5	0.3	0.2	0.5			
T9.2.1	denmark	Ovsted	47.2	60.8		23.4	1.9	4.2	0.2	0.1	6.3			
2	Denmark	Vibourg	35.7	46.0		20.4	4.5	1.1	0.4	0.1	12.6			
3			41.8	53.8		27.4	2.1	2.7	0.6	0.3	5.9			
4	Denmark	Tender	39.4	50.7		20.4	2.3	1.9	0.3	0.1	19.6			
T9.4.1	Denmark	Slangerup	44.9	57.8		29.3	5.0	3.4	0.1	0.2	0.2			
2			56.3	72.5		20.5	4.1	0.7	0.1	0.2	0.1			
3			45.6	58.7		28.4	4.7	3.0	0.3	0.2	0.1			
4			52.7	67.8		24.0	3.5	2.1	0.3	0.1	0.2			
5			51.6	66.4		24.0	5.6	2.0	0.1	0.1	0.2			
6			54.9	70.6		20.6	2.4	3.9	0.1	0.1	0.2			
7			53.4	68.7		22.8	4.7	0.5	1.1	0.2	0.2			
8	Denmark	Faxe	48.3	62.2		18.6	2.0	5.5	0.2	0.2	1.9			
9			48.6	62.6		18.4	2.1	5.2	0.4		2.5			
10			50.1	64.5		17.3	1.6	5.3	0.2	0.1	1.8			
11		Holbaek	45.4	58.4		24.5	2.3	4.7	0.3	0.4	1.6			
12			52.8	68.0		19.8	2.1	4.1	0.2	0.1	1.1			
T9.5.1	Denmark	Harslev	47.2	60.7		20.7	2.1	5.1	0.1	0.3	3.9			
2			46.8	60.2		29.5	2.9	3.9	0.3	0.1	0.2			
3	Denmark	Ore	43.6	56.1		30.0	2.8	4.7	0.3	0.1	0.3			
4			49.5	63.7		28.9	1.5	2.0	0.7	0.1	0.6			
5			48.6	62.6		27.5	3.2	3.2	0.2	0.1	0.1			
6			43.4	55.8		24.2	1.9	3.5	0.2	0.2	10.2			
7			41.6	53.5		25.1	2.4	4.0	0.1	0.4	9.8			
8	Denmark	Refsvindinge	41.6	53.6		25.9	3.0	3.6	0.1	0.3	7.2			
9	Denmark	Orure	14.7	18.9		63.0	3.9	4.3	0.9	0.5	3.7			
10			31.5	40.5		35.4	3.8	3.7	0.5	0.4	2.8			
11			47.8	61.5		23.7	4.1	3.4	0.4	0.3	0.3			
12	Denmark	Gudme	19.3	24.8		40.4	17.7	6.6	1.4	0.5	3.5			
13	Denmark	Oure	12.0	15.5		46.1	19.5	7.5	3.4	1.0	3.1			
14	Denmark	Oster Marie	41.4	53.3		27.5	2.8	2.7	0.4	0.8	10.0			
T10.1.1	Norway	Trndelag	55.1	70.9		18.0	6.2	1.2	0.6	0.2	1.8			
2	Norway	Opplund	47.9	61.7		22.9	4.3	1.9	0.1	0.4	5.9			
3			47.1	60.6		24.2	4.2	2.6	0.1	0.5	5.1			
4			47.4	61.0		23.7	4.3	3.0	0.3	0.4	3.6			
5	Norway	Valdres	39.7	51.1		28.4	10.2	3.0	0.8	0.2	3.7			
6			34.1	43.9		30.9	9.5	3.7	1.0	0.2	7.2			
7			40.1	51.6		23.6	8.2	2.3	0.9	0.2	9.6			
8			31.5	40.5		25.2	10.4	3.1	1.7	0.6	16.3			
9			44.3	57.0		30.0	7.9	1.6	0.5	0.3	0.8			

T10.7.1	Poland	Warsaw	43.1	55.5		25.2	2.4	6.2	0.2	0.4	2.6			
2			45.7	58.8		24.3	2.7	4.9	0.2	0.1	3.0			
3			44.8	57.6		25.7	1.6	4.1	0.1	0.3	4.8			
4			46.5	59.9		23.8	1.7	4.7	0.1	0.3	3.4			
5			44.8	57.6		25.4	2.5	4.0	0.1	0.3	4.7			
6			45.0	57.9		24.9	2.2	4.8	0.1	0.3	3.7			
7	Germany	remershaven	43.4	55.8		27.9	5.5	4.2	0.3	0.4	0.3			
8	Germany	Slesvig	52.2	67.2		20.7	2.3	1.7	0.5	tr	0.7			
9			51.4	66.2		20.0	1.8	2.4	0.4	tr	2.4			
10	Germany	Thuringen	33.4	43.0		34.7	12.2	1.0	1.2	0.6	2.2			
T10.8.1	England	Worcester	46.9	60.4		25.1	8.9	1.9	0.6	0.1	0.2			
2	England	Lincolnshire	47.1	60.6		25.9	7.9	2.6	0.4	0.6	0.6			
3			34.4	44.3		28.3	9.4	1.7	tr	1.1	10.9			
4	England	Devon	53.4	68.7		22.5	3.8	1.4	0.4	0.2	0.5			
5	England	Wales	24.3	31.3		50.5	8.6	1.9	0.8	0.5	2.7			
6			42.4	54.6		26.0	12.2	1.0	0.3	0.5	3.1			
7			43.7	56.3		23.4	11.0	1.1	0.5	0.5	4.9			
8	England	Yorkshire	48.3	62.1		29.5	3.9	1.4	0.5	0.2	0.6			
平均値			45.3	53.2	11.5	25.7	4.3	3.3	0.8	0.3	2.4	2.6		

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