

4. Employment in manufacturing, total and paid*

Table 4a. Employment - from labour force surveys ('000)

Table 4b. Employment - from other sources ('000)**

Table 4c. Paid employment - from labour force surveys ('000)

Table 4d. Paid employment - from other sources ('000)**

ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

* The data shown are those available to the ILO on 27 April 2009. They have been drawn from official national statistical publications and websites, or received routinely from national statistical services.

The data are based on national definitions, are not seasonally adjusted, and have not been adjusted or altered by the ILO in any way. Annual and some of the quarterly averages are calculated by the ILO.

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Percentage change over the same period of the previous year is based on the latest available period.

ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

Region Country		Annual average			Quarterly average						2008										2009			Change over the same period of the previous year (%)*
		2006	2007	2008	4nd07	1st08	2nd08	3rd08	4nd08	1st09	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct	Nov.	Dec.	Jan.	Feb.	Mar.		
Africa	South Africa	1,732	1,779	1,954		1,988	1,968	1,917	1,944			1,968			1,917			1,944					3.6	
America	Canada	2,118	2,045	1,970	1,998	1,927	1,987	2,020	1,947	1,792	1,919	2,002	2,041	2,008	2,041	2,010	1,987	1,939	1,916	1,793	1,806	1,778	-7.3	
	Chile	818	857	863	856	864	868	859	860	862	865	873	865	866	854	856	859	865	855	862			0.6	
	Mexico	7,092	7,101	6,935	7,213	6,947	7,150	6,891	6,752			7,150			6,891			6,752					-6.4	
	United States	16,377	16,302	15,904	16,469	16,005	16,076	16,130	15,404	14,351	16,042	15,998	16,187	16,205	16,226	15,958	15,745	15,526	14,941	14,406	14,451	14,195	-11.7	
Asia	Hong Kong, China	217	204	194	205	195	196	191	195			196			191			195					-4.5	
	Indonesia	11,734	12,231	12,495		12,440		12,549						12,549									1.5	
	Iran, Islamic Rep. of						6,585	6,554	6,724			6,585		6,554			6,724						3.0	
	Israel	402	422	432	419	427	453	433	416			453		433			416						-0.9	
	Japan	11,610	11,650	11,443	11,680	11,323	11,560	11,493	11,397	11,135	11,600	11,660	11,420	11,450	11,610	11,420	11,380	11,370	11,440	11,080	11,190		-0.5	
	Korea, Republic of	4,167	4,119	4,079	4,120	4,114	4,101	4,055	4,048	3,850	4,099	4,097	4,107	4,097	4,020	4,047	4,079	4,036	4,028	3,895	3,842	3,813	-7.0	
	Macau, China	30	24	25	23	27	25	24	23			25			24			23					0.0	
	Philippines	3,053	3,059	2,924	3,060	2,963	2,883	2,954	2,896		2,883			2,954			2,896						-5.4	
	Sri Lanka	1,363	1,331		1,369	1,334	1,371	1,441				1,371			1,441								8.1	
	Taiwan, China	2,777	2,842	2,886	2,873	2,875	2,886	2,903	2,879	2,797	2,874	2,889	2,894	2,907	2,908	2,894	2,895	2,886	2,855	2,818	2,776		-3.4	
	Thailand	5,504	5,619	5,453	5,417	5,801	5,568	5,231	5,213			5,568		5,231			5,213						-3.8	
Europe	Austria	742	730	695	703	683	696	705	695			696			705			695					-1.1	
	Belgium	715	724	727	750	724	723	734	729			723			734			729					-2.8	
	Croatia	302	312		307	323	323	318				323			318								1.9	
	Cyprus	37	37	38	37	36	37	39	39			37			39			39					3.5	
	Czech Republic	1,362	1,406	1,433	1,431	1,425	1,432	1,453	1,422			1,432			1,453			1,422					-0.6	
	Denmark	428	433	432	421	412	429	440	446			429			440			446					5.9	
	Estonia	136	135	138	128	144	151	138	122			151			138			122					-4.9	
	Finland	442	445	438	442	430	448	450	424			448			450			424					-4.2	
	France	4,027	3,972	3,908	4,018	3,945	3,942	3,929	3,817			3,942			3,929			3,817					-5.0	
	Germany	8,176	8,423	8,559	8,556	8,375	8,376	8,727	8,760			8,376			8,727			8,760					2.4	
	Greece	562	561		560	548	548	554				548			554								-1.5	
	Hungary	868	874	872	873	864	872	884	868			872			884			868					-0.6	
	Ireland	267	269	261	267	264	263	266	252			263			266			252					-5.8	
	Italy	4,826	4,870	4,805	4,822	4,734	4,858	4,868	4,761			4,858			4,868			4,761					-1.3	
	Latvia	161	165	171	171	178	174	167	165			174			167			165					-3.6	
	Lithuania	265	268	266	278	257	277	271	258			277			271			258					-7.3	
	Luxembourg	16	16	14	14	14	14	13	14			14			13			14					-3.5	
	Macedonia, The former Y	123	126		129	124	125	132				125			132								5.9	
	Malta	27	26		26	25	24	25					24			25							-2.7	
	Netherlands	1,048	1,058	1,002	1,054	1,023	1,021	1,000	965			1,021			1,000			965					-8.4	
	Norway	275	282	290	286	288	291	292	290			291			292			290					1.4	
	Poland	2,988	3,162	3,231	3,235	3,221	3,169	3,276	3,259			3,169			3,276			3,259					0.7	
	Portugal	980	954	917	938	927	929	911	901			929			911			901					-3.9	
	Romania	1,978	1,974	1,930	1,883	1,930	1,943	1,924	1,923			1,943			1,924			1,923					2.1	
	Slovakia	609	635	648	643	648	649	645	649			649			645			649					0.9	
	Spain	3,107	3,090	3,060	3,119	3,178	3,105	3,061	2,896			3,105			3,061			2,896					-7.2	
Sweden	686	685	690	678	685	693	705	675	624	693	677	709	735	705	674	702	674	650	640	619	612	-10.1		
Turkey	4,186	3,949	4,083	4,055	4,077	4,099	4,150	4,006	4,086	4,055	4,104	4,139	4,147	4,153	4,149	4,100	4,017	3,901	4,222	3,950		-3.0		
	United Kingdom	3,729	3,731		3,713	3,621	3,553	3,529			3,553			3,529									-6.3	
Oceania	New Zealand	276	274	274	275	282	269	275	269			269			275			269					-2.3	

Table 4b. Paid employment in manufacturing - from labour force surveys ('000)ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

		Annual average			Quarterly average						2008										2009					Change over the same period of the previous year (%)*	
Region	Country	2006	2007	2008	3rd07	4nd07	1st08	2nd08	3rd08	4nd08	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct	Nov.	Dec.	Jan.	Feb.					
America	Canada	2,026	1,944	1,869	1,898	1,829	1,893	1,918	1,838	1,689	1,821	1,908	1,948	1,912	1,942	1,901	1,883	1,830	1,801	1,681	1,703	1,682	-7.7				
	United States	16,047	15,948	15,590	16,140	15,695	15,738	15,804	15,121	14,028	15,720	15,651	15,843	15,873	15,891	15,647	15,457	15,252	14,655	14,094	14,124	13,866	-12.0				
Asia	Israel	369	392	402	389	397	421	403	387		421		403			387								-0.4			
	Japan	10,820	10,910	10,769	10,917	10,583	10,917	10,843	10,733	10,520	10,950	11,040	10,760	10,780	10,940	10,810	10,740	10,720	10,740	10,620	10,420		-1.2				
	Korea, Republic of	3,544	3,520		3,498	3,504	3,477				3,477																-1.5
	Philippines	2,252	2,284		2,282	2,200	2,113				2,113																-6.4
Europe	Austria	701	689	660	666	649	659	667	663		659			667		663							-0.3				
	Belgium	667	676	683	703	679	672	696	683		672			696		683							-2.8				
	Croatia	279	288		284	299	297	295			297			295									1.3				
	Cyprus	30	30	31	30	29	30	32	33		30			32		33							7.9				
	Czech Republic	1,255	1,296	1,325	1,323	1,318	1,326	1,343	1,312		1,326			1,343		1,312							-0.8				
	Denmark	411	419	412	404	400	418	426	406		418			426		406							0.4				
	Estonia	131	129	135	123	139	147	134	119		147			134		119							-3.5				
	Finland	416	420	412	419	406	421	423	398		421			423		398							-4.9				
	France	3,814	3,757	3,699	3,805	3,732	3,719	3,730	3,615		3,719			3,730		3,615							-5.0				
	Germany	7,761	8,023	8,173	8,149	7,995	7,994	8,341	8,363		7,994			8,341		8,363							2.6				
	Greece	407	411		414	405	408	412			408			412									-1.5				
	Hungary	814	827	830	828	822	830	841	826		830			841		826							-0.2				
	Ireland	245	245	235	243	238	237	240	225		237			240		225							-7.2				
	Italy	4,075	4,114	4,078	4,077	4,006	4,099	4,152	4,058		4,099			4,152		4,058							-0.5				
	Latvia	153	156	161	164	168	164	155	156		164			155		156							-5.1				
	Lithuania	255	255	249	264	244	260	252	239		260			252		239							-9.5				
	Luxembourg	16	15	13	14	14	14	13	13		14			13		13							-7.7				
	Macedonia, The former Y	114	117		121	116	116	122			116			122									6.4				
	Malta	25	24		24	22	22	23			22			23									-1.3				
	Netherlands	985	999	946	995	965	964	942	912		964			942		912							-8.4				
	Norway	261	269	278	273	276	279	280	276		279			280		276							1.1				
	Poland	2,765	2,952	3,040	3,025	3,027	2,974	3,080	3,077		2,974			3,080		3,077							1.7				
	Portugal	867	842	825	833	825	837	822	818		837			822		818							-1.9				
	Romania	1,925	1,924	1,879	1,846	1,868	1,892	1,883	1,873		1,892			1,883		1,873							1.4				
	Slovakia	574	597	610	605	611	611	606	612		611			606		612							1.1				
	Spain	2,716	2,712	2,683	2,745	2,798	2,734	2,683	2,515		2,734			2,683		2,515							-8.4				
	Turkey	3,271	3,346	3,469	3,478	3,476	3,477	3,551	3,373		3,477			3,551		3,373							-3.0				
	United Kingdom	3,501	3,472		3,465	3,372	3,307	3,286			3,307			3,286									-6.2				

Table 4c. Paid employment in manufacturing - from other sources ('000)ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

Region Country		Annual average			Quarterly average					2008										2009						Change over the same period of the previous year (%)*	Source		
		2006	2007	2008	3rd07	4nd07	1st08	2nd08	3rd08	4nd08	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct	Nov.	Dec.	Jan.	Feb.							
Africa	Seychelles	4.5	4.2	4.2	4.0	4.0	4.0	4.0	4.0		4.0	4.1	4.0	4.0	4	4	4	4	4								-0.1	Insurance records	
	South Africa	1,298	1,320		1,315	1,312	1,307	1,288					1,307			1,288												-2.3	Establish. survey
America	Canada	1,934	1,802	1,715	1,782	1,713	1,740	1,737	1,672		1,716	1,747	1,756	1,758	1,733	1,720	1,704	1,659	1,653									-6.6	Establish. survey
	Mexico	1,259	1,263	1,238	1,266	1,254	1,249	1,236	1,214		1,255	1,250	1,241	1,240	1,238	1,230	1,226	1,216	1,199									-5.1	Establish. survey
	Puerto Rico	110	106	101	101	103	102	102	99		102	102	102	102	101	101	100	99	99									-2.0	Establish. survey
	United States	14,197	13,883	13,431	13,803	13,585	13,554	13,468	13,116	12,358	13,521	13,542	13,599	13,499	13,492	13,413	13,263	13,140	12,946	12,519	12,344	12,210					-9.9	Establish. survey	
	Virgin Islands (US)	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.0		2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3									0.0	Establish. survey
Asia	Hong Kong, China	161	157	152	156	153	152	151	150				152			151			150									-3.9	Establish. survey
	Japan	6,350	6,411		6,437	6,428	6,551	6,529			6,553	6,553	6,548	6,546	6,529	6,513												1.3	Insurance records
	Taiwan, China	2,458	2,492	2,504	2,516	2,512	2,519	2,521	2,466	2,426	2,519	2,520	2,518	2,528	2,523	2,511	2,500	2,471	2,426	2,439	2,412							-3.7	Establish. survey
Europe	Austria	552	565		571	556	560	571			559	560	562	574	570	568												-0.6	Establish. survey
	Bosnia and Herzegovina			145	133	144	142	148	146	154	141	142	142	148	148	147	147	147	144	154	153							8.4	Admin. records
	Bulgaria	611	636	625	625	631	632	626	611		637	630	630	631	628	619	619	613	602									-2.8	Establish. survey
	Croatia	241	248	254	249	253	256	255	252	243	256	256	256	255	255	254	254	253	250	246	239							-6.5	Establish. survey
	Czech Republic	1,063	1,079	1,092	1,088	1,103	1,102	1,094	1,070			1,102			1,094			1,070										-1.6	Establish. survey
	Denmark	357	366	363	377	363	368	357	365			368			357			365										-3.1	Admin. records
	Hungary	692	693	695	693	695	696	695	693	645	696	696	696	696	695	695	693	691	696	648	642							-7.6	Establish. survey
	Latvia		158	145	153	150	148	146	138		150	148	147	147	146	144	142	138	133									-12.1	Establish. survey
	Macedonia, The former Y	78	76	72	74	73	73	72	69		73	73	73	73	72	72	71	70	67									-9.2	Establish. survey
	Poland	2,281	2,402		2,428	2,470	2,474	2,463	2,444			2,474			2,463			2,444										0.7	Establish. survey
	Romania	1,390	1,377	1,319	1,349	1,350	1,340	1,315	1,272	1,206	1,345	1,341	1,333	1,326	1,312	1,307	1,294	1,275	1,248	1,218	1,194							-11.4	Establish. survey
	Serbia	419	389	368	379	373	371	367	361	352	373	371	369	368	366	366	363	361	358	352								-5.6	Establish. survey
	Slovakia	523	540	552	541	558	557	553	540	491	559	557	557	554	555	551	550	542	529	498	484							-13.3	Establish. survey
	Spain	2,261	2,339	2,238	2,337	2,312	2,302	2,223	2,114			2,302			2,223			2,114										-9.6	Establish. survey
	United Kingdom	2,876	2,827	2,763	2,824	2,794	2,782	2,760	2,716		2,784	2,783	2,780	2,773	2,760	2,748	2,736	2,720	2,692									-4.5	Officila est.
Oceania	Guam	2	2		2	2	2	2					2			2												7.5	Establish. survey
	New Caledonia	7	7		7	7	8						8															9.5	Insurance records
	New Zealand	235	235	235	236	241	244	229	225			244			229			225										-4.6	Establish. survey

4 - Bis. Employment in manufacturing, change (Level and Rate)*

Table 4a - Bis. Employment - from labour force surveys (Percentage change over the same period of the previous year)

Table 4b - Bis. Employment - from other sources (Percentage change over the same period of the previous year)

Table 4c - Bis. Paid employment - from labour force surveys (Percentage change over the same period of the previous year)

Table 4d - Bis. Paid employment - from other sources (Percentage change over the same period of the previous year)

ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

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ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

RegionCountry		Annual average		Quarterly average				2008											2009					
		Δ2007	Δ2008	Δ2nd08	Δ3rd08	Δ4nd08	Δ1nd09	ΔApr.	ΔMay	ΔJun.	ΔJul.	ΔAug.	ΔSep.	ΔOct	ΔNov.	ΔDec.	ΔJan.	ΔFeb.	ΔMar.					
Africa	South Africa	2.7	9.9	6.6																				
America	Canada	-3.4	-3.6	-3.4	-3.2	-2.6	-7.0	-5.8	-3.1	-1.4	-4.4	-3.2	-1.9	-2.3	-3.6	-1.8	-7.8	-5.8	-7.3					
	Chile	4.8	0.6	-0.5	0.2	0.5	-0.2	-1.2	0.0	-0.3	0.0	-0.3	1.0	-0.1	1.0	0.4	0.6							
	Mexico	0.1	-2.3	1.5	-2.4	-6.4		1.5			-2.4			-6.4										
	United States	-0.5	-2.4	-0.8	2.8	-6.5	-10.3	-0.8	-2.0	0.5	-1.3	13.3	-2.2	-4.5	-5.8	-9.1	-9.8	-9.5	-11.7					
Asia	Hong Kong, China	-5.7	-4.9	-4.9	-3.0	-4.9		-4.6			-3.4			-4.5										
	Indonesia	4.2	2.2	1.5			1.5																	
	Iran, Islamic Rep. of																							
	Israel	4.9	2.5	6.6	2.6	-0.7		6.5			2.6			-0.9										
	Japan	0.3	-1.8	-0.8	-2.2	-2.4	-1.7	0.3	-0.6	-2.1	-2.8	-0.9	-2.9	-3.7	-1.6	-1.9	-2.9	-0.5						
	Korea, Republic of	-1.1	-1.0	-0.6	-0.9	-1.7	-6.4	-0.6	-0.4	-0.8	-0.7	-0.8	-1.3	-1.5	-1.4	-2.4	-5.6	-6.7	-7.0					
	Macau, China	-19.3	2.6	-7.4	4.3	0.0		-8.1			4.3			0.0										
	Philippines	0.2	-4.4	-6.2	-3.6	-5.4		-6.2	-3.6			-5.4												
	Sri Lanka	-2.3		3.6	8.1			3.6			8.1													
	Taiwan, China	2.4	1.5	2.2	1.8	0.2	-2.7	2.0	2.3	2.2	2.2	1.9	1.3	1.1	0.5	-1.0	-2.3	-3.4						
	Thailand	2.1	-3.0	-2.2	-6.5	-3.8		-2.2			-6.5			-3.8										
	Europe	Austria	-1.5	-4.9	-4.1	-4.7	-1.1		-4.1			-4.7			-1.1									
		Belgium	1.3	0.4	2.0	5.0	-2.8		1.9			5.0			-2.8									
Croatia		3.4		0.9	1.9			1.0			1.9													
Cyprus		-0.1	0.8	-2.6	5.4	5.4		-2.9			3.5			3.5										
Czech Republic		3.2	1.9	2.7	3.0	-0.6		2.7			3.0			-0.6										
Denmark		1.2	-0.2	-1.2	0.7	5.9		-1.2			0.7			5.9										
Estonia		-1.2	2.7	10.2	7.8	-4.7		10.5			7.3			-4.9										
Finland		0.7	-1.6	-0.9	-0.4	-4.1		-0.9			-0.3			-4.2										
France		-1.4	-1.6	0.2	-1.9	-5.0		0.2			-1.9			-5.0										
Germany		3.0	1.6	0.2	2.8	2.4		0.2			2.8			2.4										
Greece		-0.2		-2.0	-1.4			-2.0			-1.5													
Hungary		0.6	-0.2	-0.9	1.3	-0.6		-1.0			1.3			-0.6										
Ireland		0.6	-3.0	-1.5	-3.3	-5.6		-1.6			-3.3			-5.8										
Italy		0.9	-1.3	-1.4	-1.1	-1.3		-1.4			-1.1			-1.3										
Latvia		2.7	3.6	4.8	0.0	-3.5		4.8			0.0			-3.6										
Lithuania		1.2	-0.7	3.0	0.4	-7.2		3.2			0.3			-7.3										
Luxembourg		-5.0	-11.7	-12.5	-27.8	0.0		-14.7			-25.7			-3.5										
Macedonia, The former Y		2.6		1.6	5.6			1.4			5.9													
Malta		-3.4		-7.7	-3.8			-9.2			-2.7													
Netherlands		1.0	-5.3	-4.7	-6.5	-8.4		-4.7			-6.6			-8.4										
Norway		2.4	3.1	3.9	3.5	1.4		3.9			3.5			1.4										
Poland		5.8	2.2	0.4	2.9	0.7		0.4			2.9			0.7										
Portugal		-2.7	-3.9	-2.6	-5.6	-3.9		-2.6			-5.6			-3.9										
Romania		-0.2	-2.2	-4.9	0.4	2.1		-4.9			0.4			2.1										
Slovakia		4.2	2.1	2.7	2.2	0.9		2.6			2.2			0.9										
Spain		-0.6	-1.0	1.2	-0.8	-7.1		1.2			-0.9			-7.2										
Sweden		-0.2	0.7	1.0	0.7	-0.4	-8.9	2.4	-0.4	1.1	1.7	0.0	0.1	2.5	-0.6	-3.0	-6.6	-10.2	-10.1					
Turkey	-5.7	3.4	4.1	4.6	-1.2	0.2	3.9	4.0	4.3	5.2	4.4	4.1	1.0	-0.7	-3.9	3.5	-3.0							
United Kingdom	0.1		-5.5	-6.3			-5.4			-6.3														
Oceania	New Zealand	-0.6	-0.2	0.7	2.6	-2.2	0.8													2.8		-2.3		

ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

4. Employment in manufacturing, total and paid*

Graph 4a. Total - % change over the same period of the previous year, from labour force surveys.

Graph 4b. Paid - % change over the same period of the previous year, from labour force surveys.

Graph 4c. Paid - % change over the same period of the previous year, from other sources.

ILO Bureau of Statistics, <http://laborsta.ilo.org>, periodic data, April 2009.

* The data shown are those available to the ILO on 27 April 2009. They have been drawn from official national statistical publications and websites, or received routinely from national statistical services.

The data are based on national definitions, are not seasonally adjusted, and have not been adjusted or altered by the ILO in any way. Annual and some of the quarterly averages are calculated by the ILO.

Information on the scope of the statistics, their definitions, as well as historical data, can be consulted and/or downloaded from the ILO Bureau of Statistics on-line statistical database at <http://laborsta.ilo.org>.

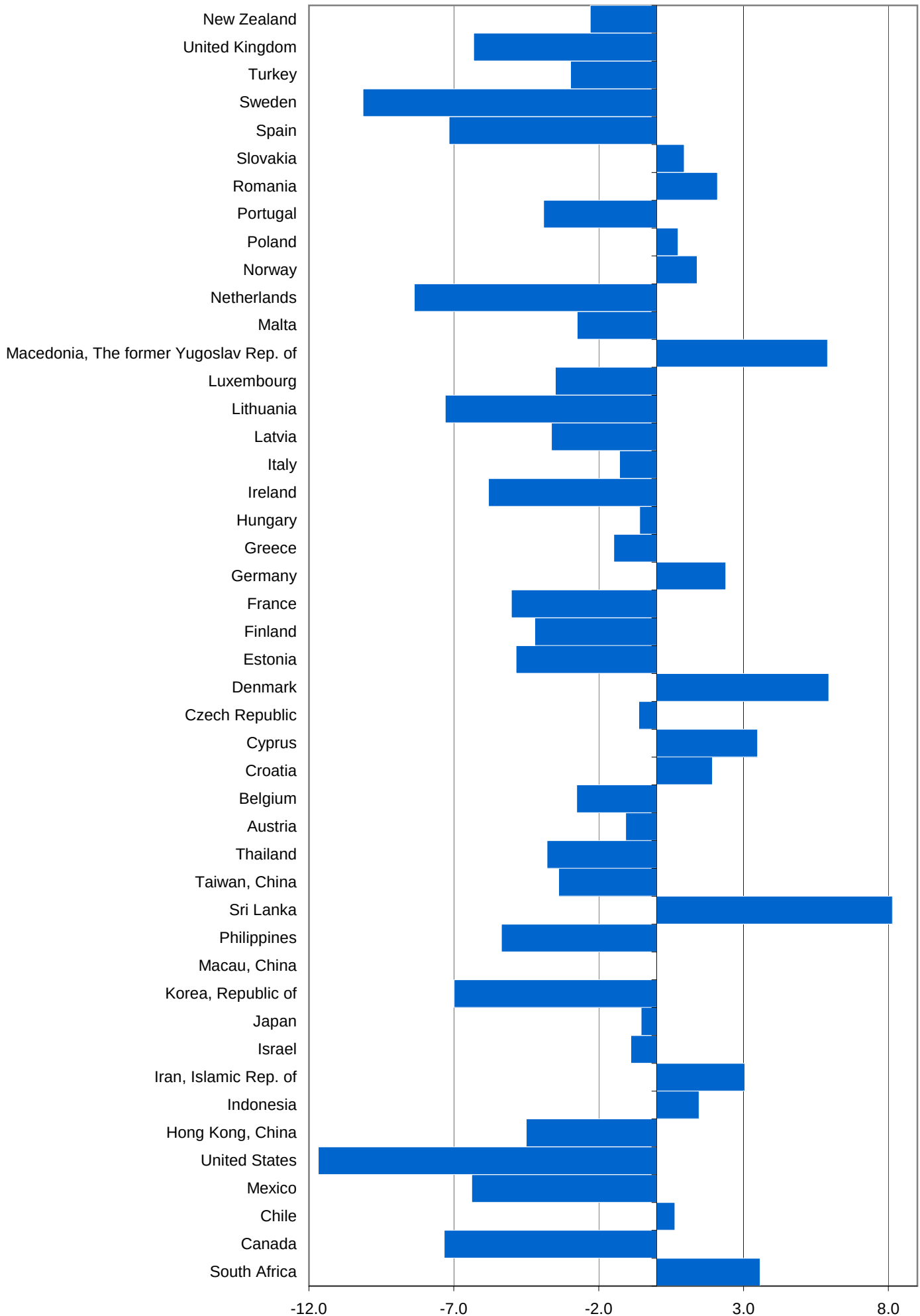
For further information or technical questions please contact the ILO Bureau of Statistics on +41 22 799 8631 or email stat@ilo.org.

Percentage change over the same period of the previous year is based on the latest available period.

Graph 4a. Employment in manufacturing

Percentage change over the same period of the previous year

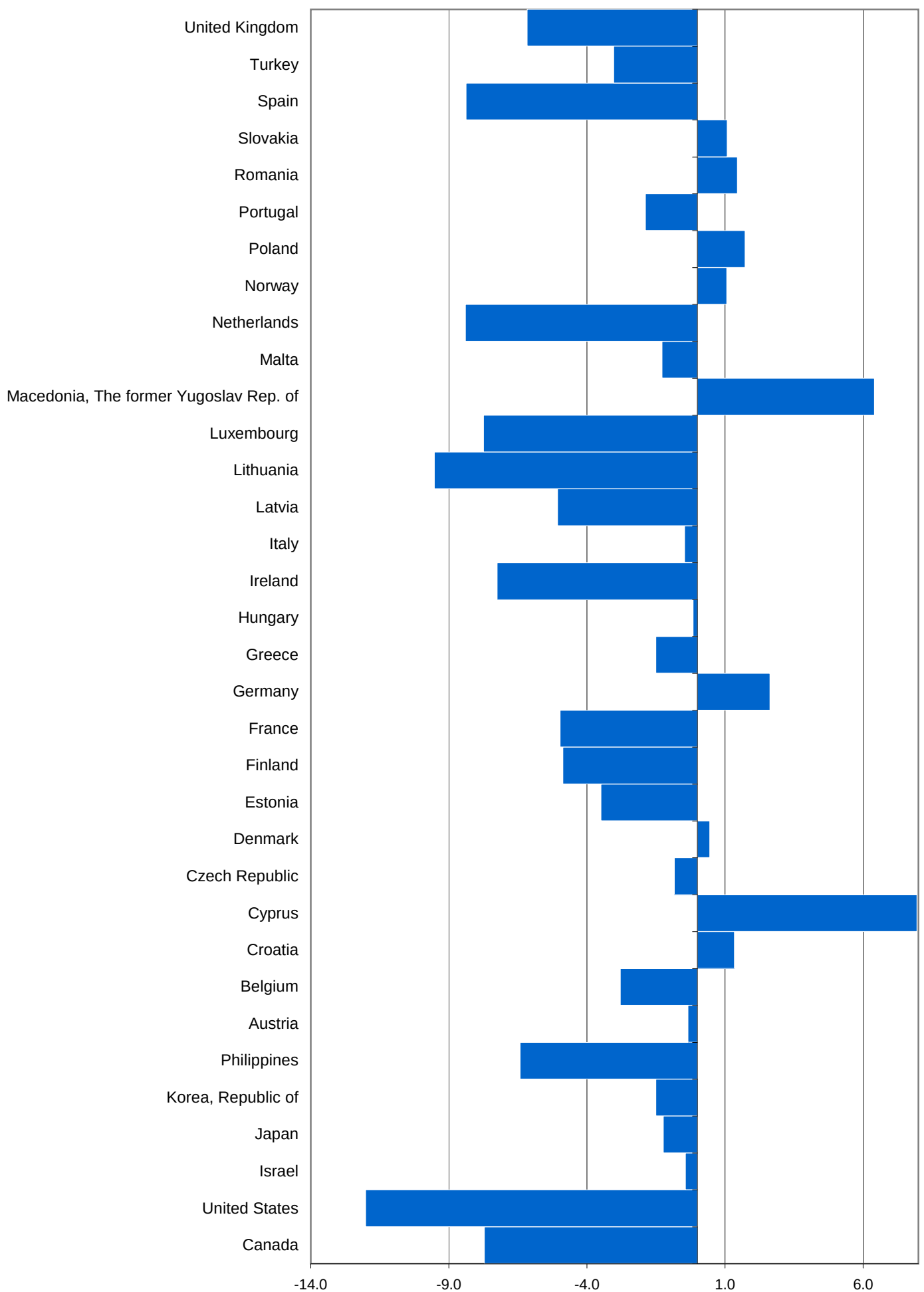
The latest available data from labour force surveys



Graph 4b. Paid employment in manufacturing

Percentage change over the same period of the previous year

The latest available data from labour force surveys



Graph 4c. Paid employment in manufacturing
Percentage change over the same period of the previous year
The latest available data from other sources

