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Business Monitor
Report on the
Census of Production

Carpets and other textile floorcoverings



Business Statistics Office

A publication of the Government Statistical Service



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BUSINESS MONITOR

A publication of the Government Statistical Service

Report on the Census of Production 1989

Carpets and other textile floor coverings

Presented by the Chancellor of the Exchequer to Parliament in pursuance of the Statistics of Trade Act 1947 (10 & 11 Geo.6 Cha.39 sec 7)

CENTRAL STATISTICAL OFFICE
Business Statistics Office

London: Her Majesty's Stationery Office

BUSINESS MONITORS MAKING UP THE COMPLETE CENSUS REPORT

PA150 Extraction of mineral oil and natural gas PA160 Mineral oil processing PA161 Production and distribution of electricity PA162 Public gas supply PA170 Water supply industry PA221 Iron and steel industry PA222 Iron and steel industry PA223 Drawing, cold rolling and cold forming of steel PA224 Non-ferrous metals industry PA224 Non-ferrous metals industry PA239 Extraction of stone, clay, sand and gravel PA239 Extraction of stone, clay, sand and gravel PA231 Extraction of stone, clay, sand and gravel PA232 Extraction of stone, clay, sand and gravel PA233 Extraction of stone, clay, sand and gravel PA234 Structural clay products PA242 Cement, lime and plaster PA243 Building products of concrete, cement or plaster PA244 Working of stone and other non-metallic minerals PA245 Working of stone and other non-metallic minerals PA246 Working of stone and other non-metallic minerals PA247 Glass and glassware PA248 Refractory and ceramic goods PA249 Pa248 Refractory and ceramic goods PA251 Basic industrial chemicals PA252 Paints, varnishes and printing ink PA268 Specialised chemical products mainly for industrial and agricultural purposes PA258 Soap and tollet preparations PA269 Production of man-made fibres PA260 Production of man-made fibres PA311 Foundries PA311 Foundries PA312 Forging, pressing and stamping PA313 Hollotors, with works, etc. PA314 Metal doors, windows, etc. PA315 Machinery for the food, chemical and related industries; process engineering contractors PA329 Machinery for the food, chemical and related industries; process engineering contractors PA321 Machinery for the food, chemical and related industries; process engineering contractors PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscollaneous machinery and mechanical phanaling equipment PA328 Miscollaneous machinery and ammunition P				
PA130 Coke ovens PA130 Extraction of mineral cil and natural gas PA135 Miscollaneous vehicles PA140 Mineral oil processing PA161 Production and distribution of electricity PA162 Public gas supply PA170 Water supply industry PA221 Iron and steel industry PA222 Steel tubes PA223 Drawing, cold rolling and cold forming of steel PA224 Non-ferrous metals industry PA223 Extraction of stone, clay, sand and gravel PA239 Extraction of stone, clay, sand and gravel PA241 Structural clay products PA242 Steel tubes PA243 Extraction of stone, clay, sand and gravel PA244 Non-ferrous metals industry PA245 Extraction of stone, clay, sand and gravel PA246 Extraction of stone, clay, sand and gravel PA247 Structural clay products PA248 Building products of concrete, cement or plaster PA249 Building products of concrete, cement or plaster PA240 Working of stone and other non-metallic minerals PA241 Glass and glassware PA242 Glass and glassware PA243 Basic industrial chemicals PA244 Refractory and ceramic goods PA245 Paints, varnishes and printing ink PA246 PA247 Pa248 Paints, varnishes and printing ink PA247 PA248 Paints, varnishes and printing ink PA249 P	1001 Ir	ntroductory notes		
PA140 Mineral oil processing PA371 Measuring, checking and precision installance of the production and distribution of electricity PA161 Production and distribution of electricity PA172 Public gas supply Measuring, checking and precision installance of the path of the p	111 C	Coal extraction and manufacture of solid fuels		
PA140 Mineral oil processing PA161 Production and distribution of electricity PA162 Public gas supply PA170 Water supply industry PA271 Iron and steel industry PA272 Steel tubes PA282 Steel tubes PA282 Steel tubes PA293 Extraction of stone, clay, sand and gravel PA294 Non-ferrous metals industry PA294 Non-ferrous metals industry PA295 Extraction of stone, clay, sand and gravel PA296 Extraction of shore, clay, sand and gravel PA297 Extraction of shore, clay, sand and gravel PA298 Extraction of miscellaneous minerals (including salt) PA299 Extraction of miscellaneous minerals (including salt) PA291 Extraction of shore, clay, sand and gravel PA292 Extraction of shore, clay, sand and gravel PA293 Extraction of shore, clay, sand and gravel PA294 Absents goods PA295 Extraction of shore, clay, sand and gravel PA296 Vorking of stone and other non-metallic minerals PA297 Abasets goods PA298 Extraction of shore and other non-metallic minerals PA299 Extraction of shore and other non-metallic minerals PA290 Extraction of shore and other non-metallic minerals PA290 Extraction of shore and other non-metallic minerals PA291 Expression and glassware PA292 Extraction of shore and other non-metallic minerals PA293 Extraction of shore and other non-metallic minerals PA294 Expression and glassevare PA295 Expecialised chemical products PA295 Specialised chemical products PA296 Specialised chemical products mainly for industrial and agricultural purposes PA297 Pharmacoutical products mainly for household and office use PA298 Pharmacoutical products mainly for household and office use PA299 Expressing and stamping PA290 Expressing and stamping PA290 Expressing and stamping PA291 Foundries PA291 Foundries PA292 Expressing and stamping PA293 Expressing and stamping PA294 Machinery for the food, chemical and				Aerospace equipment manufacturing and repairing
PA161 Production and distribution of electricity PA162 Public gas supply PA271 Iron and steel industry PA272 Iron and steel industry PA272 Iron and steel industry PA273 Drawing, cold rolling and cold forming of steel PA274 PA274 PA274 PA275 PA275 PA275 Parmacellical and surgical equipment and or appliances PA275 PA276 PA276 PA277 PA277 PA277 PA277 PA277 PA278 PA279 PA27	130 E	Extraction of mineral oil and natural gas		
PA172 Public gas supply PA173 Water supply industry PA272 Steel tubes PA272 Steel tubes PA272 Steel tubes PA272 Steel tubes PA273 PA274 Non-ferrous metals industry PA274 Non-ferrous metals industry PA275 PA275 Partaction of stone, clay, sand and gravel PA276 Structural clay products PA277 Structural clay products PA278 Building products of concrete, cement or plaster PA279 Extraction of some and other non-metallic minerals PA270 Working of stone and other non-metallic minerals PA271 Survaival of stone and other non-metallic minerals PA272 Morance graining inc PA273 Extraction of stone and other non-metallic minerals PA274 Abasets goods PA275 Pa187 PA276 PA278 PA279 PA27			PA371	Measuring, checking and precision instruments and
PA217 Water supply industry PA221 Iron and steel industry PA222 Drawing, cold rolling and cold forming of steel PA223 Drawing, cold rolling and cold forming of steel PA224 Non-ferrous metals industry PA231 Extraction of stone, clay, sand and grawel PA232 Extraction of stone, clay, sand and grawel PA234 Extraction of stone, clay, sand and grawel PA242 Crement, lime and plaster PA243 Extraction of stone, clay, sand and grawel PA244 Extraction of stone, clay, sand and grawel PA245 Extraction of stone, clay, sand and grawel PA246 Extraction of stone, clay, sand and grawel PA247 Grawel Pa248 PA248 Processing of fruit and vegetables PA249 Extraction of manimate from the sand of the ron-metallic minerals PA240 Extraction of manimate from the sand of the ron-metallic minerals PA241 Extraction of manimate from the sand of the ron-metallic minerals PA242 Extraction of manimate from the sand of the ron-metallic minerals PA243 Extraction of manimate from the sand of the ron-metallic minerals PA244 Extraction of manimate from the sand of the ron-metallic minerals PA245 Extraction of manimate from the sand of the ron-metallic minerals PA246 Extraction of manimate from the sand of the ron-metallic minerals PA247 Grawel Pa242 Extraction of manimate from the sand of the roll o				
PA222 Steel tubes Drawing, cold rolling and cold forming of steel PA223 Non-ferrous metals industry PA224 Non-ferrous metals industry PA239 Extraction of stone, clay, sand and gravel PA241 Subding products or concrete, cement or plaster PA242 Cement, lime and plaster PA243 Building products of concrete, cement or plaster PA244 Sheeting of stone and other non-metallic minerals PA245 Working of stone and other non-metallic minerals PA246 Working of stone and other non-metallic minerals PA247 Glass and glassware PA248 Refractory and ceramic goods PA245 Pa258 Paints, varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Soap and tollet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA261 Poriodicion of man-made fibres PA262 Production of man-made fibres PA263 Sopicialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA325 Machinery for the food, chemical and related industries; process engineering contractors PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery and mechanical handling equipment PA328 Miscellaneous machinery and mechanical handling equipment of with scellaneous machinery and mechanical pand and machinery and mechanical pand filester in gaper, wood, leather, rubber glass and related industries: laundry and dry cleaning machinery of printing, paper, wood, leather, rubber glass and related industries: laundry and dry cleaning mach			PA372	Medical and surgical equipment and orthopaedic
PA222 Steel tubes PA223 Drawing, cold rolling and cold forming of steel PA224 Non-ferrous metals industry PA231 Extraction of stone, clay, sand and gravel PA232 Extraction of stone, clay, sand and gravel PA231 Extraction of stone, clay, sand and gravel PA232 Extraction of stone, clay, sand and gravel PA233 Extraction of stone, clay, sand and gravel PA243 Extraction of stone, clay, sand and gravel PA244 Structural clay products PA242 Cement, lime and plaster PA243 Building products of concrete, cement or plaster PA244 Asbestos goods PA245 Working of stone and other non-metallic minerals PA246 Abrasive products PA246 Abrasive products PA247 Glass and glassware PA248 Refractory and ceramic goods PA249 Basic industrial chemicals PA257 PA269 Specialised chemicals PA269 PA260 Poblishes and printing ink PA260 Poblishes and printing ink PA261 Specialised chemical products mainly for industrial and and office use PA260 Production of man-made fibres PA311 Foundries PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA326 Michalmery and tractors PA327 Machinery for the food, chemical and related industries; process engineering contractors PA327 Machinery for the food, chemical and related industries; process engineering contractors PA328 Miscellaneous machinery and mechanical equipment PA329 Michalment for industrial use, and batteries PA321 Insulated wires and cables PA323 Miscellaneous machinery and mechanical equipment PA328 Miscellaneous machinery and mechanical equipment PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: learnery and ammunition PA330 Manufacture of office machinery and data processing equipment PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: learnery and ammunition PA330 Manufacture of office machinery and mechanical equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and			D4070	
PA223 Drawing, cold rolling and cold forming of steel PA234 Non-ferrous metals industry PA239 Extraction of stone, clay, sand and gravel PA239 Extraction of stone, clay, sand and gravel PA230 Extraction of miscellaneous minerals (including salt) PA241 Structural clay products PA242 Cement, lime and plaster PA243 Building products of concrete, cement or plaster PA244 Structural clay products PA245 Working of stone and other non-metallic minerals PA246 Working of stone and other non-metallic minerals PA247 Glass and glassware PA248 Refractory and ceramic goods PA249 Refractory and ceramic goods PA251 Sassic industrial chemicals PA251 Pa253 Paints, varnishes and printing ink PA256 Specialised chemical products PA257 Pharmaceutical products mainly for industrial and agricultural purposes PA258 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Foundries PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA325 Mining machinery on tractors PA326 Metal-working machine tools and finished metal goods PA327 Machinery for the food, chemical and related industries; process engineering contractors PA327 Machinery for the food, chemical and related industries; process engineering contractors PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: leather goods PA320 Mining machinery, construction and mechanical handling equipment PA328 Micellaneous machinery and mechanical equipment PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: leather goods PA329 Mining machinery, construction and mechanical handling equipment PA321 Insulated wires and cables PA322 Basic electrical equipment of midustrial use, and batteries PA343 Insulated wires and cables PA343 Insulated wires and cables PA343 Electrical equipment of midustrial use, and batteries			PA3/3	
PA224 Non-ferrous metals industry PA231 Extraction of miscellaneous minerals (including salt) PA241 Structural day products PA242 Structural day products PA243 Building products of concrete, cement or plaster PA244 Asbestos goods PA245 Working of stone and other non-metallic minerals PA246 Abrasive products PA247 Asbestos goods PA248 Refractory and ceramic goods PA249 Basic industrial chemicals PA249 Refractory and ceramic goods PA251 Basic industrial chemicals PA252 Specialised chemical products mainly for industrial and agnicultural purposes PA253 Specialised chemical products mainly for household and office use PA259 Specialised chemical products mainly for household and office use PA260 Porduction of man-made fibres PA311 Foundries PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA325 Mining machinery and mechanical handling equipment PA326 Miscellaneous machinery and mechanical pha330 Manufacture of office machinery and data processing gas and elable industries: PA327 PA328 Miscellaneous machinery and mechanical equipment PA329 Machinery for the food, chemical and related industries: PA321 Insulated wires and acables PA322 Basic electrical equipment for industrial use, and batteries PA323 Insulator of office machinery and data processing equipment PA324 Miscellaneous machinery and data processing equipment PA325 Insulator of office machinery and data processing equipment PA326 Miscellaneous machinery and mechanical equipment PA327 PA328 Basic electrical equipment for industrial pant and polyprophysic and polyprophysic products PA329 Basic electrical equipment for industrial use, and batteries			D4074	
PA231 Extraction of stone, clay, sand and gravel PA239 Extraction of miscellaneous minerals (including salt) PA241 Structural clay products PA242 Cement, lime and plaster PA243 Embilding products of concrete, cement or plaster PA244 Asbestos goods PA245 Working of stone and other non-metallic minerals PA246 Working of stone and other non-metallic minerals PA247 Glass and glassware PA248 Refractory and ceramic goods PA249 Easic industrial chemicals PA251 Basic industrial chemicals PA255 Paints, varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products mainly for household and office use PA258 Specialised chemical products mainly for household and office use PA259 Production of man-made fibres PA250 Production of man-made fibres PA251 Forging, pressing and stamping PA311 End tools and finished metal goods PA322 Machinery for the food, chemical and related industrial pand machinery and tractors PA328 Mining machinery, construction and mechanical phase industrial pand machinery and mechanical equipment PA329 Machinery for the food, chemical and related industries; process engineering contractors PA329 Mining machinery and mechanical equipment PA321 Insulated wires and cables PA322 Machinery for the food, chemical and related industries; process engineering contractors PA329 Mining machinery and mechanical equipment PA321 Insulated wires and cables PA322 Machinery for the food, chemical and related industries; process engineering contractors PA329 Mining machinery and mechanical equipment PA329 Mining machinery and mechanical equipment PA320 Mining machinery and mechanical equipment PA321 Insulated wires and cables PA322 Machinery for the food, chemical and related industries; process engineering contractors PA329 Mining machinery and mechanical equipment PA329 Mining machinery end machinery a				
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PA241 Structural clay products PA242 Cement, lime and plaster PA243 Bulliding products of concrete, cement or plaster PA244 Asbestos goods PA245 Working of stone and other non-metallic minerals PA246 Abrasive products PA247 Glass and glassware PA248 Refractory and ceramic goods PA249 Farfactory and ceramic goods PA251 Basic industrial chemicals PA251 Basic industrial chemicals PA251 PA265 Paints, varnishes and printing ink PA268 Specialised chemical products mainly for industrial and agricultural purposes PA259 Specialised chemical products PA269 PA279 Pharmaceutical products PA260 Production of man-made fibres PA261 Poundries PA261 Poundries PA261 Poundries PA262 Production of man-made fibres PA263 Solap and tollet preparations PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA326 Mechanical product machinery on dractors PA327 Machinery for the food, chemical and related industrial plant and steelwork PA328 Mining machine tools and engineers' tools PA329 Machinery for the food, chemical and related industrials; process engineering contractors PA328 Miscellaneous machinery and machanical equipment PA327 Insulated wires and cables PA348 Basic electrical equipment PA349 Basic electrical equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA344 PA345 Pa456 PA466 Articles of cork and plaiting materials, brooms PA454 PA456 PA466 PA468 PA466		1 May 2 May 1 and 2 May	PA412	
PA242 Cement, lime and plaster PA243 Building products of concrete, cement or plaster PA244 Absents goods PA245 Working of stone and other non-metallic minerals PA246 Abrasive products Glass and glassware PA247 Glass and glassware PA248 Refractory and ceramic goods PA248 PA257 Paints, varnishes and printing ink PA258 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products mainly for household and office use PA258 Soap and toilet preparations PA259 Production of man-made fibres PA311 Foundries PA311 Forging, pressing and stamping PA312 Forging, pressing and stamping PA313 Metal doors, windows, etc. PA314 Metal doors, windows, etc. PA325 Mining machinery and tractors PA326 Mechanical power transmission equipment PA327 PA328 Microland and amount of the machinery and mechanical phase PA329 Ordance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment PA344 Basic electrical equipment PA345 Electrical equipment for industrial use, and batteries PA3475 Pinning and publishing PA3475 Pinning and publishing PA348 Basic electrical equipment PA349 Electrical equipment PA341 Electrical equipment PA342 Basic electrical equipment PA343 Electrical equipment PA344 Basic electrical equipment PA345 Electrical equipment for industrial use, and batteries PA3475 Pinning and publishing			DA440	
PA243 Building products of concrete, cement or plaster PA244 Asbestos goods PA245 Working of stone and other non-metallic minerals PA246 Abrasive products PA247 Glass and glassware PA248 Abrasive products PA248 Refractory and ceramic goods PA249 Basic industrial chemicals PA251 Basic industrial chemicals PA251 Paints, varnishes and printing ink PA255 Paints, varnishes and printing ink PA256 Pharmaceutical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Scap and toilet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Metal doors, windows, etc. PA322 Metal-working machinery on the food, chemical and related industries; process engineering contractors PA328 Machinery for rinting, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA321 Drace o industrial machinery and mechanical pha430 Manufacture of semi-finished wood printing and geuipment PA321 Insulated wires and cables PA322 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment PA344 Basic electrical equipment PA345 PA456 PA466 PA467 PA467 Pinting and publishing		THE PROPERTY AND THE PR		
PA244 Asbestos goods PA245 Working of stone and other non-metallic minerals PA246 Working of stone and other non-metallic minerals PA247 Glass and glassware PA248 Refractory and ceramic goods PA251 Basic industrial chemicals PA255 Paints, varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Soep and toiled preparations PA259 Specialised chemical products mainly for household and office use PA259 Specialised chemical products mainly for household and office use PA250 Specialised chemical products mainly for household and office use PA251 Pharmaceutical products mainly for household and office use PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA326 Metal-working machinery and tractors PA327 Machinery for the food, chemical and related industries; process engineering contractors PA328 Mechanical power transmission equipment PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery and mechanical equipment PA328 Miscellaneous machinery and mechanical equipment PA329 Miscellaneous machinery and mechanical equipment PA329 Miscellaneous machinery and mechanical equipment PA320 Mauricature of office machinery and data processing equipment PA321 Insulated wires and cables PA322 Basic electrical equipment PA323 Basic electrical equipment PA324 Basic electrical equipment PA325 Electrical equipment for industrial use, and batteries PA347 Pinting and publishing				
PA245 Working of stone and other non-metallic minerals PA246 Abrasive products PA247 Glass and glassware PA248 Refractory and ceramic goods PA251 Basic industrial chemicals PA251 Basic industrial chemicals PA252 PA253 Spaints, varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 PA258 Soap and tollet preparations PA258 Soap and tollet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA326 Metal-working machiner tools and engineers' tools PA321 Agricultural machinery and tractors PA322 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industrie		경기에 가장하는 모든 사람들이 아름다면 하는데 하는데 이 사실이 되어 있었다면 하는데		
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PA247 Glass and glassware PA248 Refractory and ceramic goods PA251 Basic industrial chemicals PA255 Paints, varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Soap and toilet preparations PA258 Specialised chemical products mainly for household and office use PA259 Production of man-made fibres PA250 Production of man-made fibres PA251 Proundries PA251 Foundries PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA326 Metal-working machinery and tractors PA321 Textlle machinery PA321 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA340 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Basic electrical equipment PA344 Basic electrical equipment for industrial use, and batteries PA345 Pinting and poulpishing PA346 PA456 Pinting and poulpishing PA347 Pinting and publishing PA348 PA459 Pinting and poulpishing PA349 PA459 Pinting and poulpishing PA341 Insulated wires and cables PA343 Basic electrical equipment for industrial use, and batteries PA344 Basic electrical equipment for industrial use, and batteries PA345 Pinting and publishing				
PA248 Refractory and ceramic goods PA251 Basic industrial chemicals PA251 Basic industrial chemicals PA252 Paints, varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Soap and toilet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA261 Production of man-made fibres PA270 Production of man-made fibres PA311 Production of man-made fibres PA312 Progrig, pressing and stamping PA312 Progrig, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Miscellaneous machinery and mechanical equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries; laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA344 Electrical equipment for industrial use, and batteries				
PA251 Basic industrial chemicals PA252 Paints, varnishes and printing ink PA253 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Soap and toilet preparations PA258 Soap and toilet preparations PA259 Specialised chemical products mainly for household and office use PA250 Pharmaceutical products mainly for household pA311 Woollen and worsted industry PA259 Specialised chemical products mainly for household and office use PA250 Production of man-made fibres PA312 Forging, pressing and stamping PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA326 Mining machinery PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA340 Manufacture of office machinery and data processing equipment PA329 Insulated wires and cables PA341 Insulated wires and cables PA342 Electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries				
PA255 Paints, varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Soap and toilet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA261 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA325 Industrial plant and steelwork PA321 Agricultural amachinery and tractors PA322 Metal-working machiner tools and engineers' tools PA324 Machinery for the food, chemical and related industries; process engineering contractors PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and data processing PA329 Ordnance, small arms and ammunition PA340 Insulated wires and cables PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA345 Electrical equipment for industrial use, and batteries PA345 Piniting and compounding Wines, cider and perry Brewing and malting Wines cider and perry Brewing and malting Wines, cider and perry Brewing and malting Wines cider and perry Brewing and malting Wines, cider and perry Brewing and malting Wines clare and perry Brewing and malting Wines, cider and perry Brewing and malting Woolen and withsy Woolen and worsted industry Tobacco industries Throuse, cider and persy Brewing and malting Wooden industries Frewing and ware related industry Brewing and malting Warsa Croth and silk industries Frevite and other textile floorcovering Frevite fin				
PA256 Specialised chemical products mainly for industrial and agricultural purposes PA427 Pharmaceutical products PA428 Soap and toilet preparations PA429 Soft drinks Tobacco industry PA429 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA431 Foundries PA311 Foundries PA312 Forging, pressing and stamping PA434 Spinning and weaving of flax, hemp and Jute and polypropylene yarms and fab Hosiery and other knitted goods chains; metals treatment PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA329 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Miscellaneous machinery and mechanical equipment PA341 Insulated wires and cables PA342 Electrical equipment PA343 Electrical equipment PA344 Electrical equipment PA345 Electrical equipment For industrial use, and batteries PA475 Printing and publishing				
PA257 Pharmaceutical products PA258 Soap and toilet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA326 Industrial plant and steelwork PA321 Agricultural machinery and dractors PA322 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Machanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA328 Basic electrical equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial puse and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Pinting and malting PA429 Tobacco industry PA421 Tobacco industry PA421 Movollen and worsted industry Cotton and silk industries PA432 Founding and weaving of flax, hemp at Pha433 Froving, and weaving of flax, hemp at Pha434 Finting and polypropylene yams and fab Hosieny and other knitted goods PA436 Hosieny and other knitted goods PA437 Founding and weaving of flax, hemp at Pha434 Finting and other knitted goods PA436 Hosieny and other knitted goods PA437 Founding and other knitted goods PA438 Finting and other textile floorcovering PA441 Finting and distance in Extra floor Finting and distance in Extra floor Finting and dressing) and fell Leather (tanning and dressing) and fell Leather (tanning and dressing) and fell Leather goods PA451 Footwear PA452 Footwear PA453 Clothing, hats and gloves Household textiles and other made-up Fa456 Miscellaneous wooden and insintence and fittings PA467 Wooden containers PA468 Articles of cork and pla		HER MANUSCHIER HER HER HER HER HER HER HER HER HER H	The State of the S	
PA257 Pharmaceutical products PA258 Soap and tollet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Toxtile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries; laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA321 PA328 Miscellaneous machinery and data processing equipment PA329 Ordnance, small arms and ammunition PA340 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA343 Electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries				
PA258 Soap and tollet preparations PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Miscellaneous machinery and tractors PA324 Machinery for the food, chemical and related industries; process engineering contractors PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery of fife machinery and mechanical equipment PA328 Miscellaneous machinery and mechanical equipment PA329 Manufacture of office machinery and data processing equipment PA320 Manufacture of office machinery and data processing equipment PA321 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery ordinates and ammunition PA330 Manufacture of office machinery and data processing equipment PA328 Miscellaneous machinery and mechanical equipment PA329 Manufacture of office machinery and data processing equipment PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries				
PA259 Specialised chemical products mainly for household and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA331 Miscellaneous machinery and mechanical equipment PA342 Dasic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Pinting and polypropylene yarms and fab Hosiery and other knitted goods PA436 Hosiery and other knitted goods PA437 Textile finishing PA437 Miscellaneous textiles floorcovering Miscellaneous textiles floorcovering Miscellaneous textiles PA441 Leather (tanning and dressing) and fel Leather (tanning and dressing) and fel Leather goods PA442 Leather (tanning and dressing) and fel Leather goods PA445 Footwear PA441 Leather (tanning and dressing) and fel Leather goods PA445 Footwear PA445 Footwear PA446 Fur goods PA446 Sawmilling, planing, etc. of wood Manufacture of semi-finished wood prediction for the further processing and treatment of we further proces		TO A CONTROL OF THE CONTROL OF THE SAME OF A SAME AND A		
and office use PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA321 Agricultural machinery and tractors PA322 Metal-working machinery PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA328 Miscellaneous machinery and mechanical equipment PA329 Manufacture of office machinery and data processing equipment PA330 Manufacture of office machinery and data processing equipment PA331 Insulated wires and cables PA342 Dasic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Cotton and silk industries, cot continuous for continuous filtings. Throwing, texturing, etc. of continuous flats, hemp as Jute and polypropylene yarms and fab PA443 Textile finishing Hosiery and other knitted goods PA443 Carpets and other knitted goods PA444 Leather (tanning and dressing) and fel deather (tanning and polypropylene yarms and fab PA445 Footwear Cottohing, hats and gloves Household textiles and other made-up PA465 Fur goods Sawmilling, planing, etc. of wood Manufacture of semi-finished wood pr further processing and treatment of we Builders' carpentry and joinery Wooden containers Miscellaneous wooden articles Articles of cork and plaiting materials, brooms PA466 Fur goods PA467 Wooden and upholstered furniture and fitting PA472 Conversion of paper and board Conversion of paper and board				
PA260 Production of man-made fibres PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Ordnance, small arms and ammunition PA341 Drace PA342 Basic electrical equipment passing and p				
PA311 Foundries PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA345 Losiery and other knitted goods PA436 Carpets and other knitted goods PA437 Vextile and other knitted goods PA448 Losiery and other knitted goods Carpets and other knitted goods Carpets and other knitted goods PA449 Miscellaneous textiles Leather (tanning and dressing) and fel Leather (tanning and treatreal fel Leather (tanning and dressing) and fel Leather (tanning and treatreal fel Leather (tanning and treatrea				
PA312 Forging, pressing and stamping PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machinery and tractors PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA343 Insulated wires and cables PA345 Printing and polypropylene yarms and fab Hossiery and other knitted goods Textile finishing PA436 Carpets and other textile floorcovering Miscellaneous textiles Leather (tanning and dressing) and fel Leather (tanning and dressing) and fel Leather goods PA451 Household textiles and other made-up PA452 Household textiles and other made-up PA453 Electrical equipment PA461 Sawmilling, planing, etc. of wood Manufacture of semi-finished wood pr further processing and treatment of we Wooden containers PA463 Builders' carpentry and joinery PA464 Wooden containers PA465 Miscellaneous wooden articles PA466 Articles of cork and plaiting materials, brooms PA467 PA467 Poup, paper and board PA471 Pulp, paper and board PA472 Conversion of paper and board PA473 Printing and publishing				
PA313 Bolts, nuts, etc.; springs; non-precision chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA438 PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA421 Leather (tanning and dressing) and fel PA323 Textile machinery and tractors PA422 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA329 Ordnance, small arms and ammunition PA320 Manufacture of office machinery and data processing equipment PA321 Naufacture of office machinery and data processing equipment PA322 Basic electrical equipment PA323 Basic electrical equipment FA324 Electrical equipment for industrial use, and batteries PA475 Printing and other knitted goods Textile finishing Carpets and other textile floorcovering Miscellaneous textiles floorcovering Miscellaneous textiles and other textile floorcovering Miscellaneous textiles floorcovering Miscellaneous exites PA441 Leather (tanning and dressing) and fel Leather (tanning and				
chains; metals treatment PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machiner tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Miscellaneous distribusing Miscellaneous of paper and board PA346 PA347 Piniting and publishing				
PA314 Metal doors, windows, etc. PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA343 Carpets and other textile floorcovering Miscellaneous textiles PA444 Leather (tanning and dressing) and fel Leather (tanning and fel Leather (tanning and dressing) and fel Leather (tanning and dre				
PA316 Hand tools and finished metal goods PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Miscellaneous machinery and mechanical equipment PA329 Miscellaneous machinery and data processing equipment PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA343 Electrical equipment for industrial use, and batteries PA345 Leather (tanning and dressing) and fel Leather (tanning and gloves PA455 Clothing, hats and gloves PA456 Fur goods Sawmilling, planing, etc. of wood Manufacture of semi-finished wood pr further processing and treatment of we wooden containers PA462 Miscellaneous wooden articles Articles of cork and plaiting materials, brooms PA467 Wooden and upholstered furniture and fittings PA468 PA471 Pulp, paper and board PA472 Conversion of paper and board PA475 Printing and publishing				
PA320 Industrial plant and steelwork PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Leather (tanning and dressing) and feither poods PA442 Leather goods PA445 Household textiles and other made-up Fur goods PA456 Fur goods PA456 Fur goods PA456 Manufacture of semi-finished wood pr further processing and treatment of wood Builders' carpentry and joinery PA463 Builders' carpentry and joinery PA464 Wooden containers PA465 Miscellaneous wooden articles PA466 Articles of cork and plaiting materials, brooms PA467 Wooden and upholstered furniture and fittings PA471 Pulp, paper and board PA472 Conversion of paper and board PA473 Printing and publishing				
PA321 Agricultural machinery and tractors PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA343 Electrical equipment for industrial use, and batteries PA345 Footwear PA455 Footwear PA456 Household textiles and other made-up PA456 Fur goods PA457 Washed textiles and other made-up Fur goods PA458 Household textiles and other made-up Fur goods PA450 Manufacture of semi-finished wood pr further processing and treatment of wooden and treatment of wooden containers PA463 Builders' carpentry and joinery Wooden containers Miscellaneous wooden articles PA466 Articles of cork and plaiting materials, brooms PA467 Wooden and upholstered furniture and fittings PA461 Insulated wires and cables PA461 PA462 Miscellaneous model articles PA462 Conversion of paper and board PA463 PA464 PA465 Printing and publishing				
PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Clothing, hats and gloves PA456 Household textiles and other made-up PA456 Fur goods Sawmilling, planing, etc. of wood Manufacture of semi-finished wood pr further processing and treatment of wooden containers Wooden containers Miscellaneous wooden articles Articles of cork and plaiting materials, brooms PA467 Wooden and upholstered furniture and fittings PA471 Pulp, paper and board PA472 Conversion of paper and board PA473 Printing and publishing				
PA323 Textile machinery PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Household textiles and gloves PA456 Fur goods PA466 Sawmilling, planing, etc. of wood Manufacture of semi-finished wood proportion for industrial use, and batteries PA461 Sawmilling, planing, etc. of wood Manufacture of semi-finished wood proportion for industrial industries PA462 Manufacture of semi-finished wood proportion for paper and other made-up PA461 Sawmilling, planing, etc. of wood Manufacture of semi-finished wood proportion for paper and other made-up PA462 Manufacture of semi-finished wood proportion for paper and board PA462 Manufacture of semi-finished wood proportion for paper and board PA463 Builders' carpentry and joinery Wooden containers Miscellaneous wooden articles PA465 Miscellaneous wooden articles PA466 Articles of cork and plaiting materials, brooms PA467 Wooden and upholstered furniture and fittings PA467 PA467 Polip, paper and board PA470 Conversion of paper and board PA471 Pulp, paper and board PA472 PA472 PA473 Printing and publishing				
PA324 Machinery for the food, chemical and related industries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment for industrial use, and batteries PA343 Electrical equipment for industrial use, and batteries PA345 Fur goods Fur goo		그들은 그는		
tries; process engineering contractors PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment passed as a specific and passed and passed appear and board PA343 Electrical equipment for industrial use, and batteries PA345 Fur goods Sawmilling, planing, etc. of wood Manufacture of semi-finished wood processing and treatment of wooden and treatment of wooden and treatment of wooden containers Miscellaneous wooden articles Articles of cork and plaiting materials, brooms PA467 Wooden and upholstered furniture and fittings PA471 Pulp, paper and board PA472 Conversion of paper and board PA475 Printing and publishing				Household textiles and other made-up textiles
PA325 Mining machinery, construction and mechanical handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA475 Printing and publishing				
handling equipment PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries Manufacture of semi-finished wood pr further processing and treatment of wooden and treatment of wooden and treatment of wooden and treatment of wooden containers Miscellaneous wooden articles Articles of cork and plaiting materials, brooms PA467 Wooden and upholstered furniture and fittings PA471 Pulp, paper and board PA472 Conversion of paper and board Printing and publishing		The state of the s		
PA326 Mechanical power transmission equipment PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA345 Insulated wires and capture of ordinate industrial use, and batteries further processing and treatment of work and plaining materials, builders' carpentry and joinery Wooden containers PA465 Miscellaneous wooden articles Articles of cork and plaiting materials, brooms Wooden and upholstered furniture and fittings PA467 PA467 PA468 Conversion of paper and board PA470 PA471 PA472 Conversion of paper and board PA471 PA473 Printing and publishing				Manufacture of semi-finished wood products and
PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA463 Miscellaneous wooden articles PA464 Articles of cork and plaiting materials, brooms Wooden and upholstered furniture and fittings PA467 PA467 PA471 Pulp, paper and board PA472 Conversion of paper and board Printing and publishing			17402	AND THE PROPERTY OF THE PROPER
glass and related industries: laundry and dry cleaning machinery PA328 Miscellaneous machinery and mechanical equipment PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA465 Miscellaneous wooden articles PA466 Articles of cork and plaiting materials, brooms Wooden and upholstered furniture and fittings PA471 Pulp, paper and board PA472 Conversion of paper and board PA473 Printing and publishing			PA463	
PA328 Miscellaneous machinery and mechanical equipment PA466 Articles of cork and plaiting materials, brooms PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA471 Pulp, paper and board PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA475 Printing and publishing				
PA328 Miscellaneous machinery and mechanical equipment PA466 Articles of cork and plaiting materials, brooms PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA475 Printing and publishing				
PA329 Ordnance, small arms and ammunition PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA345 brooms Wooden and upholstered furniture and fittings PA471 PA471 Pulp, paper and board Conversion of paper and board PA475 Printing and publishing				Articles of cork and plaiting materials, brushes and
PA330 Manufacture of office machinery and data processing equipment PA341 Insulated wires and cables PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA345 Wooden and upholstered furniture and fittings PA471 Pulp, paper and board Conversion of paper and board PA475 Printing and publishing				
equipment fittings PA341 Insulated wires and cables PA471 Pulp, paper and board PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA475 Printing and publishing			PA467	Wooden and upholstered furniture and shop and office
PA341 Insulated wires and cables PA471 Pulp, paper and board PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries PA475 Printing and publishing		1000 GC	TENDENCE TO SERVICE	
PA342 Basic electrical equipment PA472 Conversion of paper and board PA343 Electrical equipment for industrial use, and batteries PA475 Printing and publishing			PA471	
PA343 Electrical equipment for industrial use, and batteries PA475 Printing and publishing				
1 Aoto Electrical equipment for indestrual cost, and stationes				
PA344 Telecommunication equipment, electrical measuring PA483 Processing of plastics				
equipment, electronic capital goods and passive PA491 Jewellery and coins				
DA 400 Maria I I and a serial in the serial				
DA 400 Photographic and signature phicago				Photographic and cinematographic processing
PA345 Miscellaneous electronic equipment PA493 Photographic and chematographic pr PA346 Domestic-type electric appliances laboratories		HONES	JASTIA	
1 7040 Bolliesto type dieutro applications			PA494	
17647 Elouio la lipo di la culti di cul				Miscellaneous manufacturing industries
Trees to the term of the term		50.00 Pin (10.00 pin 10.00 fin 10.00 pin 10.00 fin 10.00 pin 10.00 pin 10.00 pin 10.00 pin 10.00 pin 10.00 pin		
17002 Wood formed bodies, families and statement				
PA353 Motor vehicle parts PA1002 Summary volume PA361 Shipbuilding and repairing		(1982) [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982]	17/1002	

PA438 CARPETS AND OTHER TEXTILE FLOOR COVERINGS

PA438

The information in this report relates to businesses classified to the Carpets and other textile floor coverings industry, Group 438 in the Standard Industrial Classification Revised 1980. The industry Group covers the following Activity Headings:-

4384 Pile carpets, carpeting and rugs

1. Woven

Manufacture of pile carpets, carpeting and rugs from wool, cotton and man-made fibres by weaving processes.

2. Tufted, et

Manufacture of pile carpets, carpeting and rugs from wool, cotton and man-made fibres by tufting and other processes.

4385 Other carpets, carpeting, rugs and matting

- 1. Needled and bonded
- Manufacture of needleloom and bonded fibre carpets, carpeting and rugs and needlefelt underlay.
- 2. hard fibre

Manufacture of matting and mats of coir, sisal and other hard fibres. Jute carpets and mats are classified to Group 435.

For a full description of the 1980 classification see Standard Industrial Classification Revised 1980, obtainable from Her Majesty's Stationery Office, price £4.25.

in interpreting the data in the tables it is essential to bear in mind the notes and definitions which commence on page 5

LIST OF CONTENTS

Explanator	ory notes and definitions	5-7
Table 1	Output and costs, 1985-1989	8
Table 2	Capital expenditure, 1985-1989	9
Table 3	Stocks and work in progress, 1985-1989	9
Table 4	Employment, labour costs, output, net capital expenditure and stocks and work in progress by size of total employment, 1989	10-11
Table 5	Percentage analysis of twelve-month periods covered by returns received for the 1989 Census by number of returns and total employment	to prove the control of the control
Table 6	Operating ratios, 1985-1989	12
Table 7	Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1989	13
Table 8	Output and costs by activity heading, 1989	14
Table 9	Capital expenditure by activity heading, 1989	15
Table 10	Stocks and work in progress by activity heading, 1989	15
Table 11	Operating ratios by activity heading, 1989	16
	Table 1 Table 2 Table 3 Table 4 Table 5 Table 6 Table 7 Table 8 Table 9 Table 10	Table 2 Capital expenditure, 1985-1989 Table 3 Stocks and work in progress, 1985-1989 Table 4 Employment, labour costs, output, net capital expenditure and stocks and work in progress by size of total employment, 1989 Table 5 Percentage analysis of twelve-month periods covered by returns received for the 1989 Census by number of returns and total employment Table 6 Operating ratios, 1985-1989 Table 7 Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1989 Table 8 Output and costs by activity heading, 1989 Table 9 Capital expenditure by activity heading, 1989 Table 10 Stocks and work in progress by activity heading, 1989

EXPLANATORY NOTES AND DEFINITIONS INTRODUCTION

- 1. These notes give basic information to help with the interpretation of tables in this Industry Report. More general information about the Census is given in a separate Business Monitor Report on the Census of Production, Introductory Notes (PA 1001).
- 2. Since 1980, Censuses have been conducted on the Standard Industrial Classification Revised 1980 (SIC(80)). The Standard Industrial Classification exists to promote uniformity and comparability in the official statistics of the United Kingdom. The SIC(80) is the result of an attempt to align the United Kingdom classification with the General Industrial Classification of Economic Activities within the European Communities (NACE). It is based on activity rather than commodities produced. A full description of SIC(80) is given in Standard Industrial Classification Revised 1980, obtainable from Her Majesty's Stationery Office, price £4.25.

REPORTING UNIT

- 3. From the earliest censuses of production until that for 1986 the reporting unit to the census was the establishment. This was defined as the smallest unit which could provide the full range of data required for an economic census. Establishments were asked, where possible, to exclude from their returns to the census any non-production activity.
- 4. In 1987, for a number of administrative and statistical reasons, a new system of company-based reporting was introduced. Under the new system the reporting unit to the census is, generally, the company, but there are some exceptions. These arise, for example, for large mixed activity companies which are asked to make separate returns to the census for each of their production activities on an establishment basis. Throughout this monitor this mixture of reporting units are referred to as "businesses". These businesses are no longer asked to exclude non-production activities.
- In practice, since most businesses, both before and after the change, reported for the company as a whole, little difference to the main economic series has resulted from the change.
- 6. For most businesses, the returned data are appropriate to a single activity heading of SIC(80) and fall within a single geographical region. Where information covers a mixture of activities, the business is classified according to the main activity. Where the business operates at a number of different addresses then, in order to enable regional data to be compiled, separate information on employment and capital expenditure is sought for each address.

THE REGISTER

- 7. A register of businesses throughout the United Kingdom is held on the BSO computer and provides the basis for BSO inquiries. For each business the register contains identification particulars and information about its eligibility for inclusion in an inquiry, its relationship with other businesses in common ownership, its industrial classification, the nationality of its parent and location indicators for regional analyses. Regional and size analyses of manufacturing units are published in Business Monitor PA1003 Size analyses of United Kingdom businesses. During 1984, for production inquiries, the BSO moved to an updated register which makes fuller use of information obtained from HM Customs and Excise VAT records.
- 8. The Annual Census and other BSO inquiries provide a major source of information for checking the register and updating employment data. Where businesses do not make returns to these inquiries, estimates of employment are imputed from VAT turnover. For businesses which have an imputed employment of 11 or more, the estimates are checked by means of register proving forms. For businesses on the register making returns to the Quarterly Sales Inquiry, industrial classification is reviewed annually and is derived from an analysis of their commodity sales. For other businesses the classification is obtained either from VAT sources or from the register proving forms. Estimates of employment made by the BSO and the Department of Employment differ because they are derived from two separate inquiries and use different procedures and employment definitions.

COVERAG

- 9. The Census covers United Kingdom businesses engaged in industrial production, ie mining and quarrying, manufacturing, construction, and gas, electricity and water supply industries (Divisions 1 to 5 of SIC(80)). Businesses in the Channel Islands and the Isle of Man are
- 10. Under the sampling arrangements agreed for the 1989 Census, forms were despatched to all establishments with 20 or more employed except for those in the 20 to 49 employment size band located in England where, in general a sample of 1 in 2 was taken. For industries where there were few units in the sample sizeband or where response in earlier years was poor, it was necessary to increase the sample. About 23,300 forms were despatched in the United Kingdom for the 1989 Census.

PERIOD COVERED

11. Businesses were asked to make returns for the calendar year 1989 but, where this was not possible, returns for business years ending between 6 April 1989 and 5 April 1990 were accepted. Returns covering fewer than twelve months were accepted for businesses which had started or ceased trading during the year.

ESTIMATION

- 12. All published Census results include estimates for non-responders, unsatisfactory returns and businesses not selected for the Census. Estimates are also made for items not covered in the shorter form sent to smaller businesses.
- 13. Within employment size groups in each industry, the "average per head" is calculated for each census variable by dividing the total returns value for each variable by the total returned employment. This value is multiplied by the employment thought to exist in each non-responding or non-selected business to yield an estimated value for that business. Estimates for items not collected on the shorter form are made in a similar way using returned employment.
- 14. The accuracy of the totals produced by adding together estimates and returned data is mainly dependent on the level of response. The extent to which businesses making satisfactory returns account for the total employment of any industry is shown as a percentage in footnote (a) to table 1. Thus the accuracy of the data published in an Industry Report where 95 per cent of the employment in the industry is covered by the returns made will, in general, be better than that in an Industry Report where the coverage is only 70 per cent.
- 15. Additionally, the extent to which individual headings in an Industry Report are related to employment should be taken into account in assessing the accuracy of estimated data. Thus an estimate of total earnings which bears a close relationship to total employment is likely to be more accurate than an estimate of capital expenditure where the relationship to employment is not so clearly marked.

SUPPRESSION OF INFORMATION RELATING TO INDIVIDUAL UNDERTAKINGS

- 16. Sub-section 9(5)(b) of the Statistics of Trade Act 1947 states that:
- "The following provisions shall have effect with respect to any report, summary or other communication to the public of information obtained under the foregoing provisions of this Act -

in compiling any such report, summary or communication the competent authority shall so arrange it as to prevent any particulars published therein from being identified as being particulars relating to any individual person or undertaking except with the previous consent in writing of that person or the person carrying onthat undertaking, as the case may be; but this provision shall not prevent the disclosure of the total quantity or value of any articles produced, sold or delivered; so, however, that before disclosing any such total the competent authority shall have regard to any representations made to them by any person who alleges that the disclosure thereof would enable particulars relating to him or to an undertaking carried on by him to be deducted from the total disclosed."

17. Figures which would be likely to disclose particulars relating to an individual undertaking are not published unless the contributor has given written consent for their publication.

CHANGES MADE FOR 1989

18. The 1989 Census was a benchmark one with a larger number of businesses receiving inquiry forms than had been the case with the previous 4 Censuses. Additional questions, for larger businesses only, asked for information on road transport costs and postal and telecommunications costs. The questions relating to computer costs included in the 1988 Census, were discontinued, but those relating to the cost of assets leased under the finance leasing arrangements were retained.

SYMBOLS USED

19. The following symbols are used throughout the PA series of Business Monitors:

.. not available

- nil or less than half the final digit shown
- * information suppressed to avoid disclosure

R revised

ROUNDING OF FIGURES

20. Figures in the tables have been rounded to the nearest final digit where necessary and, in these instances, the sum of the constituent items may not always agree exactly with the total shown.

EXPLANATION OF TERMS USED IN THE CENSUS REPORT

21. The notes and definitions given in this section are based on the instructions given to respondents as to the way in which returns were to be completed.

CAPITAL EXPENDITURE

22. This represents the value charged to capital account together with any other amounts which ranked as capital items for taxation purposes during the year to which each return related. From 1988 contributors were asked to include the value of assets acquired as lessees under finance leasing arrangements. The value is inclusive of any amounts received or expected to be received in grants and/or allowances from government sources, statutory bodies or local authorities. Capital expenditure during the year in respect of production units where production had not started before the end of the year and the value of CAPITAL GOODS PRODUCED FOR USE WITHIN THE BUSINESS by its own staff are included. The value of any assets acquired in taking over an existing business is excluded. The figures include non-deductible VAT but exclude deductible VAT. No allowance is made for depreciation, amortisation or obsolescence.

a. on LAND AND EXISTING BUILDINGS

23. This represents the value of freeholds and the value or premium payable or receivable for leaseholds acquired or disposed of. The figures for acquisitions include architects' and surveyors' fees, legal fees, stamp duties, agents' commissions and Land Registry fees. The figures for disposals are net of any such professional fees payable.

b. on NEW BUILDING WORK

24. This represents the value of new building and other constructional work such as the extension and reconstruction of old buildings, and the value of any newly constructed buildings acquired. The figures include architects' and surveyors' fees, legal fees, stamp duties, agents' commissions and Land Registry fees.

c. on PLANT AND MACHINERY, VEHICLES

25. This represents the value of new and second-hand plant and machinery and vehicles acquired or disposed of. The figures for acquisitions are net of any discounts received but include the cost of transport and installation and Customs and Excise car tax. The figures for disposals exclude amounts written off for capital assets which are scrapped.

CAPITAL GOODS PRODUCED FOR USE WITHIN THE BUSINESS

26. This represents the value of all work of a capital nature carried out during the year by the staff of, and for use in, the businesses covered by the returns

COST OF INDUSTRIAL SERVICES RECEIVED

27. This includes amounts payable to other organisations for work done on materials supplied by the business completing the return, for repairs and maintenance including those in respect of rented buildings, and for contracts which have been sublet. Direct payments to outworkers and amounts charged to capital account are excluded.

COST OF NON-INDUSTRIAL SERVICES RECEIVED

28. Up to 1987 contributors were asked to include annual payments for assets acquired on a finance leasing basis. From 1988 they were asked to include the total value of such assets as capital expenditure during the year in which they were acquired. The cost of non-industrial services received includes commercial insurance premiums, bank charges and amounts payable to other organisations for the hire of vehicles, plant and machinery, for the rent of industrial and commercial buildings, for the services of accountants, auditors, agents, solicitors and surveyors other than in connection with the acquisition or disposal of capital assets, for postal and telecommunications services, for carriage by all forms of transport within the United Kingdom, for advertising, market research etc. for the right to use patents, trade marks, copyrights etc. for manufacturing and quarrying rights and technical know-how. Interest payments and amounts payable for sea and air freight on goods exported and on materials and fuel imported are excluded.

EMPLOYERS' NATIONAL INSURANCE CONTRIBUTIONS ETC.

29. This includes employers' national insurance contributions under the Social Security Pensions Act 1975, commercial insurance premiums for policies providing pensions, superannuation or other retirement benefits, sickness benefits, personal accident benefits, disability benefits or death benefits for employees, including former employees, or their dependants. Also included are contributions to canteens, social centres, children's and holiday homes etc. and the cost of supplying luncheon vouchers.

EMPLOYMENT

30. This is the average number of ADMINISTRATIVE, TECHNICAL AND CLERICAL EMPLOYEES and OPERATIVES on the payroll and the number of WORKING PROPRIETORS employed during the year of return. Full-time and part-time employees are included but outworkers (ie people who worked in their own homes on materials supplied by the business) and casual employees such as jobbers are excluded. The average number of employees returned by individual businesses may have been calculated by, for example, the average of the number of employees on the payroll for the last week of each calendar month.

a. ADMINISTRATIVE, TECHNICAL AND CLERICAL FMPI OYFES

31. This includes directors who received a definite wage, salary or commission, managers, foremen, draughtsmen, editorial and advertising staff, travellers, all office employees and research and design employees except operatives.

b. OPERATIVES

32. This includes all manual wage earners including operatives in power stations, operatives engaged in outside work of erecting, fitting etc, inspectors, maintenance workers and cleaners. Staff engaged in transport (including roundsmen) and employed in warehouses, stores, shops and canteen are included.

c. WORKING PROPRIETORS

33. These are people who are regarded as self-employed for national insurance purposes, members of their families who worked in the business without receiving a definite wage or salary for at least half the normal working hours and directors who worked in the business but did not receive a definite wage, salary or commission. Part-time Directors paid by fee only and directors who received a definite wage, salary or commission are excluded.

ENTERPRIS

34. This is defined as one or more businesses under common owner-ship or control.

GROSS OUTPUT

35. This is calculated by adjusting the value of TOTAL SALES AND WORK DONE by the changes during the year of WORK IN PROGRESS and GOODS ON HAND FOR SALE.

GROSS VALUE ADDED AT FACTOR COST

36. This is calculated by deducting from NET OUTPUT the COST OF NON-INDUSTRIAL SERVICES RECEIVED, RATES and the cost of LICENSING OF MOTOR VEHICLES. This estimate of gross value added approaches more closely than NET OUTPUT the definition of net output or value added in national accounts statistics.

GROSS VALUE ADDED AT FACTOR COST PER HEAD

37. This is calculated by dividing GROSS VALUE ADDED AT FACTOR COST by total EMPLOYMENT.

NET CAPITAL EXPENDITURE

38. This is calculated by adding to the value of NEW BUILDING WORK acquisitions less disposals of LAND AND EXISTING BUILDINGS, VEHICLES and PLANT AND MACHINERY.

NETOUTPUT

39. This is calculated by deducting from GROSS OUTPUT the cost of PURCHASES OF MATERIALS FOR USE IN PRODUCTION AND PACKAGING AND FUEL and PURCHASES OF GOODS FOR MERCHANTING OR FACTORING, the COST OF INDUSTRIAL SERVICES RECEIVED and is adjusted for net duties and levies etc. where applicable. Purchases are adjusted for changes during the year of STOCKS OF MATERIALS, STORES AND FUEL.

NET OUTPUT PER HEAD

40. This is calculated by dividing NET OUTPUT by total EMPLOY-MENT.

NON-INDUSTRIAL SERVICES RENDERED

41. This includes amounts charged for the hire of vehicles, plant and machinery, for the rent of industrial and commercial buildings, for the right to use patents, trade marks, copyrights etc. for manufacturing and quarrying rights, for technical know-how and for the provision of transport to other organisations. It also includes revenue from staff facilities such as canteens.

OPERATING RATIOS

42. These ratios are calculated using industry totals, ie including the estimates for businesses not responding to or not selected for the Census. Respondents are able to compare the ratios for their own businesses with those for the industry as a whole.

PURCHASES OF MATERIALS FOR USE IN PRODUCTION, AND PACKAGING AND FUEL. PURCHASES OF GOODS FOR MERCHANTING OR FACTORING

43. These include the cost of raw materials, components, semi-manufactured goods and workshop materials, replacement parts and consumable tools not charged to capital account, packaging materials of all types, stationery and printed matter, fuel, electricity and water, materials of all types used by the business or given out to others, for the production of machinery or other capital items used in the business, and materials used when working on goods supplied by customers. The figures exclude VAT, purchases of machinery and plant, which are included in CAPITAL EXPENDITURE, and amounts payable to transport firms or credited to the business's own transport departments for delivery of materials. The figures are net of the value of goods or packaging materials returned to suppliers and trade discounts receivable. Materials purchased duty-paid are included at their duty-paid value less drawbacks, rebates etc. Imported goods are included at their full delivered

cost. If the transport from docks or airport of imported goods is not included in the cost of goods purchased, the cost is entered at cif plus duty, if applicable. Transfers of goods from other departments of the business not covered by the return are included at the estimated selling value recorded by the other departments.

REMUNERATION PAID TO OUTWORKERS

44. This represents amounts paid to outworkers, ie people who do work in their own homes generally on a piece-work basis, whose names appear on the payroll. Amounts paid to outworkers by subcontractors are included in the COST OF INDUSTRIAL SERVICES RECEIVED. Estimates are not made for remuneration of outworkers for businesses not completing Census returns.

SALES OF GOODS PRODUCED

45. This represents sales of goods during the year, whether or not they were produced in the year of the return. It also includes sales of goods made from materials given out to other firms or to outworkers and sales of waste products and residues. The value of sales is the 'net selling value', ie the amount charged to customers whether values 'ex-works'or 'delivered' less VAT, trade discounts, agents' commissions etc and allowances on returned goods. Where products attract Excise duty, the value includes duty if the goods are sold 'duty-paid', but excludes it if they are sold in bond or exported. The cost of packaging materials less allowances for returnable containers is included. Sales of fixed assets and exceptional receipts are excluded. Transfers of goods produced by a business to departments not covered by the return (including other businesses in the same enterprise group) are treated as sales, valued as if sold to an independent purchaser.

STOCKS

46. This represents the value of goods on hand for sale, including goods for merchanting or factoring and of materials, stores and fuel held by businesses, whether held in the United Kingdom or abroad. Values include any duty payable but exclude VAT.

WAGES AND SALARIES

47. This represents amounts paid during the year to ADMINISTRATIVE, TECHNICAL AND CLERICAL EMPLOYEES and to OPERATIVES. All overtime payments, bonuses, commissions, holiday pay and redundancy payments, less any amounts reimbursed for this purpose from government sources, are included. No deduction is made for income tax or employees' national insurance contributions etc. Payments to WORKING PROPRIETORS, payments in kind, travelling expenses, lodging allowances etc. and EMPLOYERS' NATIONAL INSURANCE CONTRIBUTIONS ETC. are excluded.

WORK DONE AND INDUSTRIAL SERVICES RENDERED

48. This includes amounts charged for work carried out including that done by sub-contractors on customers' materials and amounts charged for materials supplied in the course of such work. Industrial services such as repairs and maintenance, installation work and technical research and studies rendered to other organisations is also included. For certain industries this heading covers a wide variety of activities, for example, butter packed on commission in the food industries, making up of garments, fur dressing and textile finishing in the textile industries, and preparatory work on typesetting, block making and binding in the printing and publishing industries. Work done is an important part of the activities of the electrical machinery and heavy engineering industries, and includes erection, installation and repair and jobbing work.

WORK IN PROGRESS

49. This represents materials which have been partially processed and are awaiting further processing before being sold or transferred. Progress payments made to sub-contractors are excluded and progress payments received from other organisations are not deducted. PA438

TABLE 2

Capital expenditure, 1985-1989 (a)
All United Kingdom businesses classified to the industry

PA438

Total sales Gress (b) seit6f88 b	1985	1986	1987	1988	1989	
done during the property of th			factor cost	-	(d) (d)	
Land and buildings						
New building work	2.3	3.4	2.9	7.2	4.9	
Land and existing buildings						
Acquisitions	1.7	3.5	2.6	010110010 4.5	5.7	
Disposals	1.2	1.3	6.3	2.9	2.8	
Net	2.8	5.6	-0.8	8.8	7.8	
Plant and machinery						
Acquisitions	15.7	19.0	26.2	37.0	34.8	
Disposals	1.1	0.8	1.2	0.9	1.3	
Net 2 8 9 222.2 ser 8 8	14.6	18.2	25.0	36.1	33.5	
Vehicles						
Acquisitions	3.1	3.3	4.6	5.3	6.6	
Disposals	1.3	1.2	1.4	2.0	2.0	
Net	1.8	2.1	3.2	3.3	4.6	
Total net capital expenditure	19.2	25.9	27.4	48.3	45.8	

⁽a) From 1988 contributors were asked to include as capital expenditure the value of assets acquired under finance leasing arrangements. The total value of these assets is estimated to be £2.8 million for 1988 and £2.5 million for 1989.

TABLE 3

Stocks and work in progress, 1985-1989
All United Kingdom businesses classified to the industry

					£ million
1985	1986	1987	1988	1989	Value at end of 1989
	Inc	crease during y	ear		
-0.1	0.7	5.8	9.6	-1.4	61.0
-1.1	2.1	2.2	1.6	5.4	38.7
5.2	-1.5	15.2	4.7	12.9	108.6
eau bas aldalisve	1.3	23.2	15.9	16.9	208.3
	-0.1 -1.1 5.2	-0.1 0.7 -1.1 2.1 5.2 -1.5	Increase during y -0.1 0.7 5.8 -1.1 2.1 2.2 5.2 -1.5 15.2	Increase during year -0.1 0.7 5.8 9.6 -1.1 2.1 2.2 1.6 5.2 -1.5 15.2 4.7	Increase during year -0.1 0.7 5.8 9.6 -1.4 -1.1 2.1 2.2 1.6 5.4 5.2 -1.5 15.2 4.7 12.9

Output and costs, 1985-1989
All United Kingdom businesses classified to the industry (a)

	Unit	1985	1986	1987	1988	1989
Enterprises	Number	378	387	394	402	404
Businesses	color, creecing	396	407	409	416	424
Sales of goods produced	£ million	848.0(b)	872.2	943.4	1, 124. 9	1, 151.3
Work done and industrial services rendered	e proper Docem remotinadas Igne ing Census netur	1.9	3.2	4.2	3.1	7.1
Capital goods produced for use within the business		1.6	6.6	3.6	4.4	5.1
Non-industrial services rendered	od in the year o	0.7	0.3	0.6	1.4	2.1
Goods merchanted or factored	newp sameran Maer <mark>U</mark> res Moubl	(b)	60.4	74.1	86.1	71.7
Total sales and work done	ebat TAV ace	852.1	942.8	1,025.9	1,220.0	1,237.3
Increase during the year, work in progress and goods on hand for sale	on returned goo as duty if the gr	4.1	0.6	17.4	6.3	18.2
Gross output	repre se sinsidiripre La listalla reconstitta	856.3	943.4	1,043.3	1,226.4	1,255.5
Purchases of materials for use in production, packaging and fuel	odepartment odepartment Dessettentant	485.3	525.6	554.4	644.4	629.2
Purchases of goods for merchanting or factoring	ana beliega tarthil seray in whiles et	44.8	54.6	64.5	78.0	62.9
Increase during the year, stocks of materials, stores and fuel	presente the vi enhanting ertek	-0.1	0.7	5.8	9.6	-1.4
Cost of industrial services received	oug tachumar (sa Nd o Wakas) god Isd. From 1988	13.0	15.8	15.0	17.9	23.0
Net output	63 4 141480	313.1	348.0	415.1	495.7	539.1
Total employment	Thousand	19.9	19.7	19.6	20.9	21.2
Net output per head	£	15,716	17,676	21,213	23,693	25,409
Cost of non-industrial services received						
Hire of vehicles, plant and machinery	£ million	5.7	6.0	5.9	5.1	5.0
Rents of industrial and commercial buildings	IE AND INDUST	1.5	1.3	1.7	1.9	2.4
Commercial insurance premiums	no all iosninoo-	4.1	4.7	6.4	6.8	7.1
Bank charges		0.7	0.8	0.6	0.8	0.9
Other non-industrial services	educal softenies odstra sykracies	42.5	46.9	50.5	72.0	75.9(b)
Licensing of motor vehicles	and husbaldy some	0.5	0.5	0.4	0.4	0.5
Rates, excluding water rates	hory work "yn ty	6.2	6.7	7.1	8.0	8.9
Gross value added at factor cost	profishing in our dischipations of	252.1	281.1	342.5	400.6	438.2
Gross value added at factor cost per head	£ The A	12,653	14,278	17,503	19,148	20,653

⁽a) Satisfactory returns accounted for 91 per cent of employment within the industry in 1989.

⁽b) Includes the cost of transport of goods by road (within the UK) of £19.3 million and postal and telecommunication costs of £4.4 million. These were collected separately for 1989 but not for the other years shown in the table.

TABLE 4

Employment, labour costs, output, net capital expenditure and stocks and work in progress by size of total employment, 1989

All United Kingdom businesses classified to the industry (a)

Size group	Busin- esses	Enter- prises	Employmen	nt	3801	Wages and s	alaries (c)		
Enterprises	00000	(b)							
			N 1	g 386	5.6 407	499			
			Total including	Opera- tives	Administr- ative,tech-	Operatives		Administra technical a	
			working proprietors		nical and clerical			clerical	Acquisition
						Total	per head	Total	per head
	Number	Number	Thousand	Thousand	Thousand	£ million	£	£ million	£
1-9	312	311	0.8)						
10-19	17	17	0.3)	2.2	\$ 40.0	10.0	0.700	8.3	18.7
20-49	22	22	0.7)	2.2	0.8	19.6	8,766	10.9	13, 129
50-99	21	21	1.5)						
100-199	21	20	3.0	2.3	0.8	20.3	9,011	9.7	12,618
200-299	11	9	2.8	2.0	0.8	19.1	9,658	11.6	13,852
300-399	5	5	1.7	0.9	0.8	8.0	8,698	11.6	14, 142
400-499	6	6	2.6	2.0	0.5	18.5	9,046	7.1	13,399
500-749	onenit 16bn	u besiu 6 s ate	3.8	2.7	gxa Litita da	26.2	9,783	14.7	13,653
750-Plus	3	3	4.0	3.1	1.0	30.5	9,910	12.4	13,032

Total 424 404 21.2 15.2 5.8 142.2 9,363 78.0 13,414

(b) The count of enterprises shown in each row represents the number of enterprises, irrespective of size, owning the businesses shown in each size group. Because an enterprise may own businesses in more than one size group, the sum of individual enterprise counts may exceed the total for the industry.

(a) Businesses employing fewer than 20 persons are not required to complete census returns. Because of this, data for these businesses should be regarded merely as the best estimates available and used with caution.

(c) The cost of employers' contributions to the national insurance, pensions and welfare schemes and the running costs of canteens are excluded from the table but were estimated for the industry at £27.8 million. The remuneration of outworkers on returns received - also excluded from the table - was £69 thousand.

(d) Net capital expenditure includes the value of assets acquired under finance leasing arrangements - see Table 2.

(e) Gross value added data relate to businesses employing 1-199.

PA438

lato	To spainson	e9	2.011	centage of total cetu	Per	150	Accounting year andr
Total sales and work	Gross output	Net output		Gross value added at		Net capital expenditure	
done			ont .	factor cost		(d)	progress at end of year
							factor opst (c) YeM
		Total	per head	Total	per head		
			nead		пеао		
£ million	£ million	£ million	£	£ million	£	£ million	£ million
217.8	222.2	84.5	25,782	(e)	(e)	7.8	31.9
214.6	215.3	82.6	27,319	135.2(e)	21,460(e)	7.3	29.1
198.5	200.8	76.7	27, 216	63.7	22,597	7.3	28.7
132.7	132.6	65.9	37,952	53.0	30,546	2.8	24.6
146.8	149.2	50.1	19,418	39.7	15,389	5.8	23.7
191.2	195.3	94.4	25, 156	70.2	18,698	8.1	38.3
135.7	140.0	84.8	21,072	76.3	18,950	6.6	32.0

1,237.3	1,255.5	539.1	25,409	438.2	20,653	45.8	208.3	

(a) From 1988 contributors were asked to include as capital expenditure the value of assets acquired under the

TABLE 7

Percentage analysis of twelve-month periods covered by returns received for the 1989 Census by number of returns and total employment

Accounting year ended	Perce	entage of total	returns	Percentage of total				
	recei	ved av agoto		emp	ployment			
1989 April 6-30		1.2			0.1	5nol		
May		2.5			0.3			
June		6.2			12.2			
July		1.2			0.1			
August		2.5			0.8			
September		6.2			4.1			
October		1.2			0.2			
November		3.7			1.9			
December		50.6			42.2			
1990 January		1.2			0.2			
February		3.7			2.9			
1 March - 5 April		19.8			35.1			

TABLE 6
Operating ratios, 1985-1989

All United Kingdom businesses classified to the industry

59, 178 25, 409
5,409
20,653
35
6.0
50
2.6
9,363
13,414
2,160
11
!

⁽a) From 1988 contributors were asked to include as capital expenditure the value of assets acquired under finance leasing arrangements - see Table 2.

Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1989 All United Kingdom businesses classified to the industry

Area		Total employmen (a)	335 to	Net cap expendi (b)		Net out (c)	put	Gross v added a factor c (c)	ost
Keen building work	61		1325		1.4			(0)	Businessus
		Thousand p	per cent	£ million	per cent	£ million	per cent	£ million	per cent
		i	Jnited Kingdom		United Kingdom		United Kingdom		United Kingdom
Standard regions of England	0.1								
North		*	*	*	*	*	benebnet se	ial sarvior	Non-industr
Yorkshire and									
Humberside		*	1,061.5	*	*	*	anch x	low bas e	oles lassT
East Midlands		0.3	1.4	2.4	5.2	13.9	2.6	10.6	2.4
East Anglia		-	\$484	-	4.7	0.2	das tot bnan n	0.2	
South East		*	1,077.6	*	*	*	*	*	Gross out
South West		1.2	5.6	2.7	5.9	28.1	5.2		5.7
West Midlands		6.2	29.4	10.0	21.8	134.6	25.0	116.3	26.5
North West		3.8	18.1	9.7	21.2	120.8	22.4	98.2	22.4
	ight 0 -		Date		17.2		leut	tores and	moterials, s
England		17.6	82.8	37.0	80.7	443.0	82.2	361.2	82.4
Wales		*	as confints	oxpond to	re the value o	*	*	*	pearage
Scotland	nansa ie	1.5	7.1	2.1	4.5	42.1	7.8	33.7	7.7
Great Britain		*	23,459	*	*	*	*	t per hear	Not outpu
Northern Ireland		•	*	*	•	*	servides	istraul#il	non lo sao? beviese
United Kingdom	es plass 8.0	21.2	100.0	45.8	100.0	539.1	100.0	438.2	100.0

⁽a) Average number employed during the year, including full and part-time employees and working proprietors.

⁽b) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery. The value also includes assets acquired under finance leasing arrangements - see Table 2.

⁽c) Where a census return covered addresses in two or more regions, an estimate of the net output attributable to each address was made by assuming that net output was proportionate to employment. An estimate for each region was obtained by aggregating estimates of net output for addresses located in that region. Gross value added at factor cost was treated similarly.

PA438

TABLE 9

Output and costs, 1989
All United Kingdom businesses classified to each Activity Heading within the industry

		Unit		4384		4385	
		34216	Nat cap		Total		
Enterprises(a)		Number		335		72	
Businesses		" "		351		73	
Sales of goods produced		£ million		982.5		168.8	
Work done and industrial services rendered		Claimed Kingdom				*	
Capital goods produced for use withi the business	n	115.2		5.0		0.1	
Non-industrial services rendered						*	
Goods merchanted or factored		и _{3 з}		64.9		6.8	
Total sales and work done		50.0		1,061.5		175.8	
Increase during the year, work in		5.2		1.1			
progress and goods on hand for sale		"		16.2		2.0	
Gross output		H3.7		1,077.6		177.9	
Purchases of materials for use in production, packaging and fuel		8.8		553.7		75.5	
Purchases of goods for merchanting factoring	or	8.75		58.1		4.8	
Increase during the year, stocks of materials, stores and fuel		21.2		-1.0		-0.4	
Cost of industrial services							
received				18.4		4.6	
Net output		# 6.6		446.5		92.6	
Total employment		Thousand		19.1		2.1	
Net output per head		£		23,409		43,209	
Cost of non-industrial services received							
Hire of vehicles, plant and machinery		£ million		4.5		0.5	
Rents of industrial and commercial buildings		"		2.3		0.1	
Commercial insurance premiums		gme emit-t				Hub boyo	
irosa value acced per haad		blind gniteb		0.8		0.1	
		e leasing an		61.4		14.6	
Other non-industrial services		s, en astima		0.4		0 1	
Licensing of motor vehicles		iddresses lo		luo ten to as		врегера у	
Rates, excluding water rates				7.8		1.2	
Gross value added at factor cost				363.3		74.9	
Gross value added at factor cost per head		f f		19,049		34,935	

⁽a) The count of enterprises shown in each column represents the number of enterprises owning the businesses shown for each activity heading. Because an enterprise may own businesses in more than one activity heading, the sum of the enterprise counts may exceed the total for the industry.

Capital expenditure, 1989 (a)
All United Kingdom businesses classified to each Activity Heading within the industry

£ million

		4384	438	5
Land and buildings New building work		3.5	riaU 1	4
Land and existing bui	ldings			
Acquisitions		EOA . 5.3	0.	4 Deed noting the per head
Disposals		@A0 @2.8		Gross value added per head
Net		6.0	1.	Gross value added as a percentage of gross output
Plant and machinery Acquisitions		26.0	8.	Ratio of gross output to stocks 8
Disposals		1.3		Wages and salaries as a percentage of eross value added
Net /ehicles		24.7	8.	Ratio of operatives to administrative. technical and clerical employees
Acquisitions		1.60,321	3 1.	Wages and salaries per operative 4
Disposals		080.81.2	0.	Wages and salaries per administrative. technical and clarical employee
Net		3.9	0.	
Total net capital e	xpenditure	34.6	11.	2 Net capital expenditure as a percentage

(a) From 1988 contributors were asked to include as capital expenditure the value of assets acquired under finance leasing arrangements - see Table 2.

TABLE 10

Stocks and work in progress, 1989 All United Kingdom businesses classified to each Activity Heading within the industry

£	m	11	11	0	r

			£ million
	4384	4385	
10a Increase during year			
10a Increase during year			
Materials, stores and fuel	-1.0	-0.4	
Work in progress	4.7	0.7	
Goods on hand for sale	11.5	1.3	
Total	15.2	1.7	the second property section
10b Value at end of year			
Materials, stores and fuel	52.9	8.1	
Work in progress	34.9	3.8	
Goods on hand for sale	95.2	13.4	
Total	183.0	25.3	

Operating ratios, 1989

All United Kingdom businesses classified to each Activity Heading within the industry

	Unit	4384	4385	Land and buildings
		4304		
Gross output per head	£	56,501	83,005	
Net output per head	£	23,409	43,209	
Gross value added per head	£	19,049	34, 935	
Gross value added as a percentage of	%	34	42	
gross output	76	34	42	
Ratio of gross output to stocks		5.9	7.0	
Wages and salaries as a percentage of gross value added	%	ε. r 54	34	
progress and goods on head for sale				
Ratio of operatives to administrative, technical and clerical employees		2.8	177.9 1.7	
Wages and salaries per operative	£	9, 321	9,811	
Wages and salaries per administrative,	£	13,050	15, 721	
technical and clerical employee	L	13,050	15, 721	
Net capital expenditure per head (a)	£	1,816	5,224	
necessary stories and foot				
Net capital expenditure as a percentage of gross value added (a)	%	10	15	

(a) From 1988 contributors were asked to include as capital expenditure the value of assets acquired under finance leasing arrangements - see Table 2.

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