Index

Aftalion, Arthur, 88n agency resources, limiting use of, 110 Aghion, Philippe, 21n, 64, 128n agriculture, 47-49 Albania cumulative liberalization index and: 67; external finance and growth, 42, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28-30; growth-stabilization relationship, 34, 35; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47-9; unemployment and growth, 45 Enterprise Restructuring Agency (ERA), 114-15, 119-21 Alchian, Armer, 129n Anglo-Saxon model of corporate governance, 131-33 Anker, Richard, 65 Anušić, Z., 213n, 216n, 220, 230 Armenia, 25 contraction of output in: changes in GDP, 74; degree of, 92, 93, 95-7; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 86, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 cumulative liberalization index and: 28, 67; external finance and growth, 43; fiscal deficits and inflation, 52; inflationliberalization relationship, 28, 32; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and

growth, 47, 48; unemployment and growth, 44-6, 45 Ash, Timothy N., 143, 144, 146 Aslund, Anders, 60n, 263n assets, inventory of, 322 Auerbach, A. J., 131 Azerbaijan contraction of output in: changes in GDP, 74; degree of, 92, 93, 95-7; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 86, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 cumulative liberalization index and: 68; external finance and growth, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28; inflationliberalization relationship, 28, 32; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45 balanced equity shares, 136, 147 balance of payments data limitations, 19 growth and, 42, 43 Balassa, Ákos, 193n Balcerowicz plan, 158 Balcerowicz, Leszek, 17n, 19n, 31, 46, 51, 60, 63, 64n Baltic states, macroeconomic stabilization in, 256-79 areas for future research, 278-9 background and general developments, 258 - 61

conclusions, 277-8

328

Index

Baltic states (cont.) factors contributing to control of nearhyperinflation, 261-5 factors contributing to persistence of inflation above Western levels, 265-9 intra-Baltic differences in inflation, 269-71 Bank of Latvia, 264 Bank of Lithuania, 269-70 Bank of Slovenia, 239, 244-5, 247 bank recapitalizations, 123 Barro, Robert J., 315n, 319n Békesi, László, 193n Belarus contraction of output in: changes in GDP, 74; degree of, 92, 95, 97; export and output changes, 90; terms of trade, 85, 98; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 cumulative liberalization index and: 68; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 45 Belka, Marek, 143 Berg, Andrew, 21n, 193n Bergstrom, Lars, 129n, 131n, 143, 144 Berle, Adolphe, 129n, 134n Bhagwati, J. N., 249 big-bang vs. gradualist approach to reform, 63 - 4black markets, 19-20 Blanchard, Olivier, 21n, 64, 128n, 129 Blasi, J., 144n, 145 Blejer, Mario, 306 Boeva, Irina, 143, 146 Bokros, Lajos, 179 Bole, V., 244n, 245, 249 Borbély, László, 188n Bornstein, Morris, 132, 149 Brada, Joseph, 49n Bredenkamp, Hugh, 55n Brown, Annette N., 21n Bruno, Michael, 51n, 55n, 63, 64n, 187n budgetary procedures, 320 budget deficits, see fiscal deficits

budget resources to divest public goods, 100-5

Bulgaria contraction of output in: changes in GDP, 74; compared with contraction of consumption, 78; debt levels, 91; degree of, 73, 92; terms of trade, 84; total and intraregional trade (1990), 82 cumulative liberalization index and: 66; exchange-rate movements and inflation, 50; external finance and growth, 43; fiscal deficits and inflation. 52; growth-liberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60-1; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 45 fiscal deficits in, 263 Burgess, Robin, 128n buyouts, managerial and employee, 142

Calvo, Guillermo A., 81n, 168, 193n, 251 Camdessus, Michel, 303 candidates per 10,000 of population, degree of contraction and, 93 Cardoso, Eliana, 54n central bank subsidies, 53-5 Chadka, Bankim, 21n, 64 Chandler, Alfred D., Jr., 130n China, 25 cumulative liberalization index and: 68; external finance and growth, 43; fiscal deficits and inflation, 53; growthliberalization relationship, 28, 29, 31; inflation-liberalization relationship, 28, 32-4; investment and growth, 43; monetary developments and inflation, 57; political freedom and degree of liberalization, 58, 61; structural change and growth, 47, 48; unemployment and growth, 45 gross domestic investment trend in, 178 Chubais, Anatoly, 143 Citrin, Daniel, 55n, 65 Coffee, John C., 132, 133 consumption growth rates of, 77-8 in Hungary, 173-4, 180, 194 Conte, M. A., 129n contractions in transition economies, 73-99 conclusions, 97-9

> magnitude of, 73-5 theories of causes of: 75-91; credit restriction, 80-1; export multiplier, 85-7; foreign aid, 90-1; inside-outside factors, 81-3; lack of entrepreneurship, 79-80; negative mirage, 76-8; supplyside import multiplier, 87-90; terms of trade, 83-5 variations in, 91-8 contracts, sanctity of, 317-18 Corbett, J., 131 Coricelli, Fabrizio, 21n, 51n, 64, 81n, 193n Cornelli, Francesca, 128n corporate governance, 126-49 conclusions, 147-9 defined, 126-8 shareholders' control over managers, 129-34, 147 shareholding stakeholders, 127, 134-7, 149-50 see also employee ownership Council for Mutual Economic Assistance (CMEA), 20, 27, 81 credit contractions of output and restrictions of, 80 - 1isolation of enterprises from, see enterprise isolation programs Croatia bank recapitalizations in, 123 budget surpluses in, 263 cumulative liberalization index and: 66; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28; inflationliberalization relationship, 28, 32; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45 inflation in, 206, 207, 209, 211, 220, 256, 257; see also exchange rates, in Croatia stabilization program of: 204-11; announcement of, 208-9; current situation, 209-10; exchange rate and price dynamics in, see exchange rates, in Croatia; political framework, 204-6; preparation of, 206-8 cross-subsidization, 101 Csaba, László, 179n, 193n Cukierman, A., 250, 251 cumulative liberalization index (CLI),

Index

329

aggregate indicators defined, 24-7 conclusions, 61-2 derivation of, 65-9 growth-liberalization relationship, 27-31 growth-stabilization relationship, 27, 34 - 6inflation-liberalization relationship, 27, 28.31 - 4macroeconomic and sectoral patterns: underlying growth, 41-9; underlying inflation, 49-57 policy implications, 62-5 political freedom-liberalization relationship, 57-61 properties of, 25-7 rationale for, 25 reform groups and, 25 time profile of growth and inflation, 36 - 41Cusan, Alessandra, 134n, 138 Czech Republic budget surpluses in, 263 contraction of output in: changes in GDP, 74; compared with contraction of consumption, 78; debt levels, 91; degree of, 73, 92, 98; terms of trade, 84; total and intraregional trade (1990), 82 corporate governance in: employee ownership, 132, 133, 145; model used, 132, 133 cumulative liberalization index and: 66; exchange-rate movements and inflation, 50; external finance and growth, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 45 data limitations, 19 de Cecco, Marcello, 131 deficits, inflation and fiscal, see fiscal deficits

quasifiscal, 53–5, 288 de Grauwe, Paul, 55*n*

- De Gregorio, J., 216n
- demand-side multiplier effect, 85–7

de Melo, Martha, 20n, 57n

- Demsetz, Harold, 129n
- direct control, macrobalance by, 20

23 - 69

330

Index

directed credit to enterprise sector, see enterprise isolation programs Directorate of Special Restructuring (Romania), 112, 119, 120 disinflation in Baltic states, cost of, 271-6 Dobozi, Istvan, 259n doctors per 10,000 of population, degree of contraction and, 93 Dolgopiatova, T. G., 143, 146 Dornbusch, Rudiger, 161, 212 downsizing, 109-12 Driffil, J., 250 Earle, John S., 143, 145, 146 Easterly, William, 35n, 63, 163 economic liberalization, 17-69 country experience with, see cumulative liberalization index data limitations, 19-20 socialist legacy and, 20-3 Ellerman, D. P., 128n employee ownership, 128-9, 137-48 advantages of, 139 adverse effects of, 137-9 avoidance of intrashareholder exploitation, 139-41 conclusions, 147-8 in the transition: emergence of, 141-3; empirical evidence on, 143-6 vs. self-management, 128 employment growth and, 44-6 industrial, percentage of, 92, 93, 95 reduction of, 109-11 enterprise isolation programs, 100-24 comparative review of existing programs, 119-21 directed credit, 101-5 existing programs, 112-19 income redistribution and, 103-4 need for, 105-8 paradigm for, 108-12 past allocation of credits and subsidies and, 102-3 political economy of implementation, 123 - 4redefining the isolation exercise, 122-3 Enterprise Reform and Resolution Agency (ERRA), 115-17, 119-21 Enterprise Restructuring Agency (ERA), 114-15, 119-21 entrepreneurship, contractions of output and, 79-80 equity aspects of economic policy, 325 Erdős, Tibor, 179n, 193n

Estonia contraction of output in: changes in GDP, 74; degree of, 92-5, 97; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 86, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83

- cumulative liberalization index and: 66; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 45
- inflationary experience compared with Latvia and Lithuania: *see* Baltic states, macroeconomic stabilization in
- Estrin, Saul, 143, 146
- European Bank for Reconstruction and Development (EBRD), 18n, 19n, 36n, 51n, 69, 76n, 271n, 276n, 281
- exchange rates
 - in Baltic states, 266-8, 272-3, 278 in Croatia: 212-32; basic facts about economy (1992-95), 213-15; as costpush factor, 225-9; exchange-rate regime and divergence between prices and, 219-24; importance of link to price reaction, 231-2; misalignment issue, 229-30; policy prescriptions, 230-1; relative prices of nontradables and divergence between prices and, 215-19
 - cumulative liberalization index and, 50-1 in Hungary, 183, 185-6
 - in Poland: crawl-cum-minidevaluations period, 160-6; fixed-exchange-rate period, 157-60; "pure crawl" period, 166-9

in Slovenia: in "moderate inflation" phase of stabilization policy, 252; in "soft monetary landing" phase of stabilization policy, 237-9, 242-3; in "squeezing real money supply" phase of stabilization policy, 246-7

in Ukraine, 286, 291, 297-8, 301-3, 305 export multiplier effect, 85-7

external finance, growth and, 42, 43

> external markets contractions of output and, 81-2 liberalization index and, 24-7, 29, 31, 66 - 7Fan, Qimiao, 104 Federov, Boris, 35n fiscal constraints on reform, 64 fiscal deficits, inflation and in Baltic states, 262-3 cumulative liberalization index and, 51-4 in Hungary, 187-93, 263 in Poland, 163-6, 169, 170, 263 in Ukraine, 286, 288 fiscal institutions, 320 Fischer, Stanley, 17n, 64n, 163, 187n, 234, 250 Fokin, Vitold, 295-9, 302 foreign aid, contractions of output and, 90-1 former Soviet Union, 25, 73 contraction of output in: trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 former Yugoslav Republic Macedonia, 25 cumulative liberalization index and: 66; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28; inflationliberalization relationship, 28, 32; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45 directed credit expansion to enterprises in, 103 Special Restructuring Program, 117-21 Franks, J., 132 Freedom House, 57 Frydman, Roman, 132 Gács, János, 193n Gelb, Alan, 17n, 19n, 21n, 31, 46, 51, 63, 64n, 234 Georgia contraction of output in: changes in GDP, 74; degree of, 92, 93, 95-7; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 86, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total

Index

331

cumulative liberalization index and: 67; external finance and growth, 43; fiscal deficits and inflation, 51, 52; growthliberalization relationship, 28; inflationliberalization relationship, 28, 32; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45 German-Japanese model of corporate governance, 131-3, 136 Giovannini, A., 216n Gore, Al, 324n gradualist vs. big-bang approach to reform, 63-4, 174 Grais, Wafik, 17n Gray, Cheryl W., 129n, 131 Great Depression, 74-5 Gronkiewicz-Waltz, Hanna, 167n gross domestic product (GDP) of Baltic states, 259 changes in, 73-5 contractions of, see contractions in transition economies cost of disinflation and, in Baltic states, 271 - 6of Croatia, 218, 219 of Czech Republic, 259 data limitations, 19 disruptions in coordinating mechanism and decline in, 22 growth in, see growth of Hungary: absorption of (1960-93), 172-3; changes in (1991-94), 259; government expenditure as percentage of, 190; trends in (1988-94), 172-4; utilization of, 194 of Poland, 259 ratio of fiscal deficit to, 164-5 ratio of M2 to, 162 of Ukraine, 286-90 growth cumulative liberalization index and: 24; macroeconomic and sectoral patterns underlying, 41-9; relationship with liberalization, 27-31; relationship with stabilization, 27, 34-6; time profile of transition and, 36-41 economic transformation and policies for: 313-25; conclusions, 323-5; facilitating conditions, 316-23; general observations, 314-16

trade (1990 and 1993), 83

in Hungary, 173

332

Index

Ickes, Barry W., 21n, 63

growth (cont.) private ownership and private-sector growth and gains from, 22-3 in Slovenia, 240 Hansmann, H., 129n, 139 Hanson, Rebecca J., 129n, 131 Hansson, Ardo H., 261n, 264n, 270, 272, 274 Hare, Paul G., 143, 144, 146 Havrylyshyn, Oleh, 282, 297, 298 Helliwell, John F., 59 Heston, Alan, 162n, 249 Hoekman, Bernard, 106n Hofman, Bert, 17n Holzmann, Robert, 193n housing construction and termination, in Hungary, 177, 179 Hungarian National Research Foundation (OTKA), 172 Hungary bank recapitalizations in, 123 contraction of output in: changes in GDP, 74; compared with contraction of consumption, 77, 78; debt levels, 91; degree of, 73, 92, 98; terms of trade, 84; total and intraregional trade (1990), 82.83 cumulative liberalization index and: 66; exchange-rate movements and inflation, 50; external finance and growth, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43, 44; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 44, 45 employee ownership in, 141, 142, 145 fiscal deficits in, 187-93, 263 gross domestic product of: absorption of (1960-93), 172-3; changes in (1991-94), 259; government expenditure as percentage of, 190; trends in (1988-94), 172 - 4

stabilization and austerity program of: 172-200; external balance improvement and, 181-4; historical background, 172-9; internal financial equilibrium and, 185-93; main features of program, 179-81; political stability and, 196-8; recession vs. recovery and lasting growth and, 193-6; scenarios, 198-200 import multiplier effect, 87-90 income per capita, degree of contraction and, 93 industrialization, degree of contraction and, 92, 93, 95 industry, shift away from, 46-9 inflation in Baltic states, 256-78; background and general developments, 258-61; conclusions, 277-8; factors complicating comparison of, 257-8; factors contributing to control of nearhyperinflation, 261-5; factors contributing to persistence above Western levels, 265-9; intra-Baltic differences in, 269-71 contraction of output and, 80-1, 96-7 in Croatia, 206, 207, 209, 211, 220, 256, 257; see also exchange rates, in Croatia cumulative liberalization index and: 24; macroeconomic and sectoral patterns underlying, 49-57; relationship with growth, 34; relationship with liberalization, 27, 28, 31-4; time profile of transition and, 36-41 data limitations, 19 in Eastern Europe, 257 growth and, 316-17 in Hungary, 185-93, 257 in Poland: 157-70, 257; crawl-cumminidevaluations period, 160-6; fixed-exchange-rate period, 157-60; "pure crawl" period, 166–9 in Slovenia: 257; in "moderate inflation" phase of stabilization policy, 247-53; in "soft monetary landing" phase of stabilization policy, 237, 239-43; in "squeezing real money supply" phase of stabilization policy, 243-7 in Ukraine, 286-8, 290-1, 297, 304-5 Inkeles, Alex, 59 interest rates contractions of output and, 80-1

- inflation and: in Baltic states, 268-9; cumulative liberalization index and, 55-7; in Hungary, 188-9; in Poland, 159, 167, 168; in Slovenia, 239-41, 251 output cost of disinflation and, in Baltic states, 272-6
- internal markets contractions of output and, 81-2 liberalization index and, 24-7, 29, 31,
- 66-7 International Monetary Fund (IMF), 51n, 93n, 281, 300, 304

> intra-Soviet trade, degree of contraction and, 92-3 investment growth and, 42-4, 315 in Hungary, 173, 177-8

Jackson, Marvin, 131 Jefferson, Gary, 21*n* Jensen, M., 129*n* Jones, Derek, 138

- Kahar, Andres, 275
- Kaminski, Matthew, 275
- Karatnycky, Adrian, 57
- Kato, Takao, 138
- Kaufman, Daniel, 39n, 289, 295, 299 Kazakstan
 - contraction of output in: degree of, 92-4, 97; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83
 - cumulative liberalization index and: 67; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28, 33; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 45
 - directed credit to enterprises in: aggregate effects of, 103; income redistribution and, 103-4; Rehabilitation Trust (RT), 118-20

- Keynes, John Maynard, 163
- Kierzkowski, Henryk, 158n
- Kolodko, Grzegorz W., 193n
- Komineft company, 149
- Kopits, George, 64n, 193n
- Kornai, János, 17n, 21n, 46, 130n, 175n, 179n, 193n, 194n, 289n
- Korsun, Georges, 144n
- Köves, András, 179*n*, 193*n*
- Kozeny, Viktor, 126
- KPMG-CERT, 143
- Krajewski, Stefan, 143
- Kravchuk, Leonid, 281, 293-5, 298-9, 305
- Kravis, I., 249

Index

Krueger, A., 283 Krugman, Paul, 175

- Kuchma, Leonid, 281, 295, 298–300, 303–6
- Kuddo, Arvo, 17n
- Kuzio, Taras, 293*n*, 294
- Kyrgyz Republic, 22n
 - contraction of output in: changes in GDP, 74; degree of, 92–5, 97; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990–93), 88; trade with rest of world as share of total trade (1990 and 1993), 83
 - cumulative liberalization index and: 67; external finance and growth, 42, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28, 30; growth-stabilization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60, 61; structural change and growth, 47, 48; unemployment and growth, 45 employment patterns, 65
 - Enterprise Reform and Resolution Agency (ERRA), 115-16, 119-21

Lainela, Seija, 261n, 269

- Lanovey, Volodymyr, 296
- Larrain, Felipe, 182n
- Latvia
 - contraction of output in: degree of, 92-5, 97; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 86, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83
 - cumulative liberalization index and: 67; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45
 - inflationary experience compared with Estonia and Lithuania, *see* Baltic states, macroeconomic stabilization in

Kenen, Peter, 84

334

Index

Layard, Richard, 139 Lazonik, W., 131 Leiderman, L., 251 Leshchenko, Larisa L., 144n Li, David D., 128n liabilities clearance of, 110, 111 inventory of, 322 liberalization, see economic liberalization liberalization index, 24-5; see also cumulative liberalization index Lieberman, Ira, 144 Linbeck, Assar, 191n Linz, Susan, 144n, 146 Lithuania contraction of output in: changes in GDP, 74; degree of, 92, 93, 95, 97; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 86, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 cumulative liberalization index and: 66; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45 inflationary experience compared with Estonia and Latvia, see Baltic states, macroeconomic stabilization in macrobalance by direct control, 20 macroeconomic destabilization, economic liberalization and, 22 macroeconomic patterns underlying growth, 41-9 underlying inflation, 49-57 managers, shareholders' control over, 129-34 market coordination, output declines from disruptions in, 22 Marris, Robin, 131 Mayer, Colin P., 131, 132 McKinnon, Ronald I., 54n Meade, James E., 140n Means, Gardner C., 129n, 134n Meckling, W., 129n Mencinger, J., 237 Menem, Carlos, 298, 306n, 325

Mervar, A., 230 Michalopoulos, Costas, 17n microeconomic reallocations, economic liberalization and, 23 Milanovic, Branko, 17n, 18n Miller, Marcus, 297 Miyazaki, Hajime, 128n Mizon, G. E., 250 Moldova contraction of output in: changes in GDP, 74; degree of, 92, 93, 95, 97; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 cumulative liberalization index and: 67; external finance and growth, 42, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28, 30; growth-stabilization relationship, 34, 35-6 inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60, 61; structural change and growth, 47, 48; unemployment and growth, 45 monetary developments, inflation and, 55-7 money multipliers, in Poland, 163, 164 Mongolia cumulative liberalization index and: 67; external finance and growth, 42, 43; fiscal deficits and inflation, 51, 52; growth-liberalization relationship, 28, 30; inflation-liberalization relationship,

growth-liberalization relationship, 28, 30; inflation-liberalization relationship 3, 28, 33; investment and growth, 43, 44; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60, 61; structural change and growth, 47-9 mass privatization in, 142 Montiel, Peter, 166*n* multiplier effects export, 85-7 import, 87-90 Mundell, Robert A., 86*n* Murell, Peter, 144*n* National Bank of Croatia, 220-2, 230 National Bank of Hungary, 185, 186

National Bank of Poland, 159, 161, 165, 166, 168, 169 National Bank of Ukraine, 297

negative mirage theory of contractions, 76-8 Nellis, John, 144 Neményi, Judit, 188n Nogaj, Mieczyslaw, 159n nominal anchors in stabilization programs, choice of, 64-5 nontradables, relative prices of, 215-19, 246, 248 - 50Nuti, Domenico Mario, 138, 141 Oblath, Gábor, 189n officials, pedagogic role of, 324-5 Okólski, M., 158n Olson, Mancur, 287 Orazem, Peter F., 44 Ostry, Jonathan, 166n output, see gross domestic product pension debt, of Hungary, 178-9 Perraudin, William, 297 Phelps, Ed S., 132 Phillips, J. B., 130n Phillips, P. C. B., 226n Pinto, Brian, 143 plans, coordination through, 20-1, 22, 106 Pohl, Gerhard, 106n, 259n Poland bank recapitalizations in, 123 change in gross domestic product (1991-94), 259 contraction of output in: changes in GDP, 74; compared with contraction of consumption, 78; debt levels, 91; degree of, 73, 92, 98; interest rates and, 81; terms of trade, 84; total and intraregional trade (1990), 82 corporate governance in: employee ownership, 141-3, 145-6; model used, 132 cumulative liberalization index and: 66; exchange-rate movements and inflation, 50; external finance and growth, 43; fiscal deficits and inflation. 52; growth-liberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; time profile of growth and inflation and, 36, 37; unemployment and growth, 45

fiscal deficits in, 163-6, 169, 170, 263

Index

inflation and stabilization in (1990-95): 157-70; conclusions, 169-70; crawlcum-minidevaluations period, 160-6; fixed-exchange-rate period, 157-60; "pure crawl" period, 166-9 political freedom-liberalization relationship, 57 - 61Portes, Richard, 35n, 63 pricipals-principals problem, 135 Primorsky, 149 principals-agent problem, 131 private ownership output gains from, 22-3 socialist legacy and, 21 see also corporate governance private sector entry into, 24-7, 29, 31, 66-7 output gains from growth of, 22-3 production composition, degree of contraction and, 94-6 property rights, 317 public sector, efficiency within, 324 purchasing power parity (PPP) rate/ nominal exchange rate ratio, 50-1 Pyatachenko, Hryhoriy, 296 Pynzenyk, Viktor, 298, 299, 301, 304 pyramid banking, 149

335

quasifiscal deficits, inflation and, 53-5, 288

Rapaczynski, A., 132 Razin, Assaf, 187n Reagan, Ronald, 325 real money growth, inflation and, 55-7 regulations, inventory of, 322-3 Rehabilitation Trust (Kazakstan), 118-20 Reinhart, Carmen, 168, 251 rentier patriarchs, post-Soviet, 282-5, 287, 295-303 Repse, Einars, 261n, 271 Rhône-Poulenc privatization, 140 Richards, Anthony, 265n Rodrick, Dani, 84 Roldos, J. E., 218 Romania contraction of output in: changes in GDP, 74; compared with contraction of consumption, 78; debt levels, 91; degree of, 73, 92; terms of trade, 84; total and intraregional trade (1990), 82, 83 corporate governance in: employee ownership, 146; managerial and employee buyouts in, 142 cumulative liberalization index and: 67; exchange-rate movements and

336

Romania, CLI and (cont.)

Index

inflation, 50; external finance and growth, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28-30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47-9; unemployment and growth, 45 directed credit to enterprises in: aggregate effects of, 103; Directorate of Special Restructuring, 112, 119, 120 fiscal deficits in, 263 Rona-Tas, Akos, 62n

Ross, Märten, 265n

Russia

- contraction of output in: changes in GDP, 74; degree of, 92-4, 97; export and output changes, 90; terms of trade, 85, 98; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83
- corporate governance in: employee ownership, 142-6, 148; malpractice, 149; model used, 132
- cumulative liberalization index and: 67; exchange-rate movements and inflation, 50; external finance and growth, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60, 61; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 45
- directed credit to enterprises in: aggregate effects of, 103, 104; income redistribution and, 103-4 fiscal deficits in, 263
- Ryterman, Randy, 17n, 21n, 63

Saavalainen, Tapio, 257, 258n, 269, 277n
Sachs, Jeffrey, 21n, 64n, 65, 182n, 263n, 270, 272, 274, 289
Sadka, Efraim, 187n
Sahay, Ratna, 65
Saint-Entienne, Christian, 75n

- Sala-i-Martin, Xavier, 315n Sargent, Thomas, 35n
- Saunders, Christopher T., 193n
- Schadler, S., 251
- Schaffer, Mark E., 104
- Schaller, Ivialk E.,
- Schiller, Karl, 1
- scientific workers per 10,000 of population, degree of contraction and, 93
- sectoral reallocations, economic
- liberalization and, 23
- self-management vs. employee share ownership, 128
- Selowsky, Marcelo, 182n
- service growth, 46-9
- shareholders' control over managers, 129-34
- shareholding stakeholders, 127, 134-7,
- 149-50; see also employee ownership
- Shleifer, Andrei, 285n
- Shlepichev, Oleh, 301
- Singh, I. J., 21n, 49n
- Slovak Republic
 - contraction of output in: changes in GDP, 74; compared with contraction of consumption, 78; debt levels, 91; degree of, 73, 92, 98
 - corporate governance model used by, 132
 - cumulative liberalization index and: 66; exchange-rate movements and inflation, 50; external finance and growth, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28, 30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; unemployment and growth, 45
- fiscal deficits in, 263 Slovenia
 - bank recapitalizations in, 123 cumulative liberalization index and: 66; exchange-rate movements and inflation, 50; external finance and growth, 43; fiscal deficits and inflation, 52; growth-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45 fiscal deficits in, 263, 264

> stabilization in: 234-54; conclusions, 253-4; moderate inflation (phase 3), 247-53; reshaping the foreign exchange market, 237-9; soft monetary landing (phase 1), 239-43; squeezing real money supply (phase 2), 243-7; strategy of, 235-7 social debt, of Hungary, 175-9, 180 socialist legacy, 20-3 social services, provision of, 109 Special Restructuring Program (FYR Macedonia), 117-21 stakeholders, shareholding, 127, 134-7, 149-50; see also employee ownership Starr, S. Frederick, 76n-77n Stiglitz, Joseph, 126, 129, 132, 133, 314n structural change, growth and, 46-9 subsidies, central bank, 53-5 Summers, R., 162n, 249 Sunkel, Osvaldo, 182n supply-side import multiplier effect, 87-90 Sutela, Pekka, 261n, 269 Svejnar, Jan, 129n systemic transformation facility (SFT), 303-4 Sziraczki, Gyorgy, 65 Tajikistan contraction of output in: changes in GDP, 74; degree of, 92-4, 96, 97; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 87;

trade (1990 and 1993), 83 cumulative liberalization index and: 68; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28; inflationliberalization relationship, 28, 32; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47, 48; unemployment and growth, 45

trade with rest of world (1990-93), 88;

trade with rest of world as share of total

Takla, Lina, 144n, 149

- Tanzi, Vito, 64n, 314n, 315n, 322n
- tax revenues, in Hungary, 192

tax systems, 318-19

- Taylor, Lance, 21n
- Tersman, Gunnar, 265n
- Tevev, Stoyan, 17n
- Thornhill, John, 275

Index

Tork, Adam, 49n trade Baltic states, 261-3, 267 contraction of output and change in terms, 83-90, 98; export multiplier effect, 85-7; intra-Soviet, as percentage of net material product, 92-3; total and intraregional (1990), 82-3; trade with rest of world as share of total trade (1990 and 1993), 83 Croatia, 218-19, 229-30 data limitations, 19 Hungary, 181-4 Slovenia, 246 Ukraine, 286, 300-1, 305 Tugan-Baranowski, Mikhail, 88n Turkmenistan contraction of output in: changes in GDP, 74; degree of, 92-4, 96-8; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 cumulative liberalization index and: 28, 30, 32, 33, 43, 45, 47, 48, 52, 56, 58; external finance and growth, 42, 43; fiscal deficits and inflation, 51, 52; growth-liberalization relationship, 28, 30; growth-stabilization relationship, 34, 35; inflation-liberalization relationship, 28, 32, 33; investment and growth, 42, 43; monetary developments and inflation, 56; political freedom and

337

degree of liberalization, 58, 60; quasifiscal deficits and inflation, 54; structural change and growth, 47, 48; time profile of growth and inflation and, 37; unemployment and growth, 45

Ukraine

- contraction of output in: changes in GDP, 74; degree of, 92, 93, 95, 97; export and output changes, 90; terms of trade, 85, 98; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83
- cumulative liberalization index and: external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28, 30; growth-stabilization relationship, 34;

338

Index

Ukraine, CLI and (cont.) inflation-liberalization relationship, 28, 32, 33; investment and growth, 42, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; structural change and growth, 47-9; unemployment and growth, 45 economic reform in: 281-309; chronology of, 306-9; hypotheses explaining delay of, 281-2; macroeconomic developments (1991-95), 286-91; political economy of nonreform, 292-303; recent reform efforts, 303-6; role of post-Soviet rentier patriarchs and, 282-5, 287 managerial and employee buyouts in, 142 Ulph, A., 250 unauthorized stock issues, 149 unemployment in Baltic states, 259-60 data limitations, 19 growth and, 44-6 as indicator of reform, 65 in Slovenia, 240 urbanization, degree of contraction and, 92, 93 Uvalic, Milica, 137 Uzbekistan contraction of output in: changes in GDP, 74; degree of, 92-4, 96-8; export and output changes, 90; terms of trade, 85; total and intraregional trade (1990), 82; trade collapse, 87; trade with rest of world (1990-93), 88; trade with rest of world as share of total trade (1990 and 1993), 83 cumulative liberalization index and: 68; external finance and growth, 43; fiscal deficits and inflation, 52; growthliberalization relationship, 28-30; inflation-liberalization relationship, 28, 32, 33; investment and growth, 43; monetary developments and inflation, 56; political freedom and degree of liberalization, 58, 60; quasifiscal

deficits and inflation, 54; structural change and growth, 47-9; unemployment and growth, 45

Valentinyi, Ákos, 189n Vanek, Jaroslav, 128 Vegh, Carlos A., 65, 163n, 168 Vietnam, 25 cumulative liberalization index and: 68; external finance and growth, 43; fiscal deficits and inflation, 53; growthliberalization relationship, 28, 29, 31; inflation-liberalization relationship, 28, 32-4; investment and growth, 43; monetary developments and inflation, 57; political freedom and degree of liberalization, 58, 61; structural change and growth, 47, 48 Vishnievskaia, Maria, 143 Vodopivec, Milan, 44 Volsky, Arkady, 298 wage levels in Baltic states, 266-7, 269 in Hungary, 174, 180, 184, 187 in Slovenia, 245-6, 247-50 in Ukraine, 290 Ward, Benjamin M., 128 Weitzman, Martin, 128n welfare, in Hungary, 178, 180, 191 Wellisz, Stanislaw, 158n Williamson, John, 182n Wilson, Andrew, 293n Winckler, Georg, 193n Windell, James, 65 Wolf, H. C., 216n World Bank, 35n, 65, 68, 157, 172n, 178, 179n, 189n Yaprak, Tevfik, 17n Yavlinsky, Grigory, 126, 143 Yemelyanov, V., 296 Yusuf, Shahid, 54n

Zviahilskiy, Y., 295, 300-1, 306 Zviglyanich, Vladimir, 293n